

# GOVERNMENT OF ANDHRA PRADESH



## BUILDINGS – SoR: 2013-2014

COMMITTEE OF CHIEF ENGINEERS

**SCHEDULE OF RATES  
FOR  
BUILDING WORKS**

**FOR THE YEAR 2013-2014  
(Effective from 1<sup>st</sup> June, 2013)**

**ALL ENGINEERING  
DEPARTMENTS**

Office of the Chief Engineer (R&B) Buildings  
Convener-Member,  
Committee of Chief Engineers-Buildings-SoR

Procs.No. CEB/TA8/AEE3/B-SoR: 2013-14

Dt: 05-08-2013.

Sub:- Printing of Buildings-SoR for all the Engineering Departments specific to the functioning of Building works – Buildings-SoR:2013-14 – Communication of Buildings-SoR – Reg.,

Ref:- 1. G.O.Rt.No.471, T,R&B (R.1) Dept., dt:20-04-2007.  
2. Minutes of Committee of Chief Engineers meetings for finalizing the Building-SoRs held on Dt: 25-07-2013 and 05-08-2013.

\* \* \* \* \*

**The Government of Andhra Pradesh have constituted a Committee of Chief Engineers of Engineering departments dealing with Building works for finalizing and communicating Buildings-SoR (Civil & Electrical) vide G.O. 1<sup>st</sup> cited. In accordance therewith the Committee of Chief Engineers has finalized and approved the Buildings-SoR: 2013-14 in the Minutes of Meeting held on 05-08-2013.**

**The rates for the Building items (Civil, Water Supply & Sanitary and Electrical items) are to be followed henceforth by all the concerned departments for building works. The rates of Labour Rates, Common Material & Work items, Public Health items, Conveyance Rates of Materials & Hire charges of Common SoR-2013-14 remain unchanged. No other items other than the items communicated in this Buildings-SoR shall be introduced.**

**The Heads of Departments mentioned below are authorized to print the Buildings-SoR: 2013-14. The unauthorized printing & selling of the Buildings-SoR is strictly prohibited.**

The revised rates will come into force with immediate effect.  
The receipt of the proceedings may please be acknowledged.

Enclosed: Buildings SoR: 2013-14-CD as above

Sri. G. Ramakrishna Kumar  
Chief Engineer (R&B) Buildings  
Convener-Member,  
Committee of Chief Engineers-Buildings-SoR

To

1. Engineer-in-Chief (NH), Roads & Buildings Department, Errummanzil, Hyderabad-82.
2. Engineer-in-Chief (IW)I&CAD, Irrigation Department, Errummanzil, Hyderabad-82.
3. Engineer-in-Chief (State Roads), Roads & Buildings Department, Errummanzil, Hyderabad-82.
4. Engineer-in-Chief (Rural Roads) R&B Department, Errummanzil, Hyderabad-82.
5. Chief Engineer (QC), R&B Department, Errummanzil, Hyderabad-82.
6. Chief Engineer (R&B) (Designs), R&B Department, Errummanzil, Hyderabad-82.
7. Chief Engineer (R&B) (Electrical), R&B Department, Errummanzil, Hyderabad-82
8. Engineer-in-Chief, P.H.. Department, A,C, Guards, Hyderabad-4.
9. Engineer-in-Chief (P.R.), Panchayat Raj Department, Errummanzil, Hyderabad-82.
10. Engineer-in-Chief, Tribal Welfare & Social Welfare Department, DSS Bhavan, Masab tank, Hyderabad.
11. Engineer-in-Chief, Greater Hyderabad Hyderabad Corporation (GHMC), CC Complex,Tankbund Rd., Hyderabad
12. Chief Engineer (AP Housing Board) Gruhakalpa, Nampally, Hyderabad
13. Chief Engineer (Housing Corporation) Urdugally, Himayatnagar, Hyderabad
14. Chief Engineer(APSRTC), RTC 'X' Roads, Musheerabad, Hyderabad.
15. Chief Engineer(APMSIDC), Illrd Floor, DM&HS Campus, Sultanbazar, Koti, Hyderabad.
16. Chief Engineer (AP Police Housing & Welfare Corporation), Lakdi-ka-pool, Hyderabad.
17. Superintending Engineer (R&B), Head Quarters Circle, Khairatabad, Hyderabad
18. Superintending Engineer (R&B), Electrical Circle, Errummanzil, Hyderabad-82.

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# **PREAMBLE**

## 1.0 INTRODUCTION

The Government have issued orders vide G.O. Rt. No: 471 TR&B (R-1) Dept., Dt. 20.4.2007 constituting a Committee comprising of Chief Engineers of departments in-charge of execution of building works for finalization of Standard Schedule of Rates for Buildings (Electrical & Civil). The 5<sup>th</sup> meeting of the above "SoR Committee for Buildings (Civil & Electrical)" was convened on 25-07-2013 and 05.08.2013 with an objective to finalize and release the Buildings-SoR: 2013-14.

## 2.0 APPLICABILITY OF COMMON SoR – 2013-14

The rates of labour, common materials & work items, Public Health items, conveyance rates of materials & hire charges approved and published in Common SoR-2013-14 remain applicable. The specifications, stipulations & all other conditions of Common-SoR other than those specified in this context remain applicable.

## 3.0 OVERHEADS & CONTRACTORS PROFIT

- a. The provision of 'Over Heads and Contractor's Profit @ 14%' as approved by the BoCE's in Common SoR-2013-14 is applicable for the building works also.
- b. It is reiterated that the provision of 'Over Heads and Contractor's Profit' is a part of the AP. Revised standard data approved by the Government in G.O.Ms.No.49 I&CAD (PW-Reforms) Dept., dated: 02-03-2009 and this component shall be operative on all the data items of the estimates and rates of the finished items published in Buildings SoR for original works subjected to the fulfillment of the conditions given below:
  - i. Site accommodation, setting up plant, access road, water supply, electricity and general site arrangements.
  - ii. Office furniture, equipment and communications.
  - iii. Expenditure on:
    - a) Corporate office of contractor.
    - b) Technical agents for site supervision. (Reimbursement to the technical agents provision is dispensed with where 'over heads and contractor's profit' provision is included in the data rates)
    - c) Documentation and "as built" drawings.

- d) Mobilization/ de-mobilization of resources. (Payment of mobilization advances shall be dispensed with where 'over heads and contractor's profit' provision is included in the data rates)
  - e) Labour camps with minimum amenities and transportation to work sites.
  - f) Light vehicles for site supervision including administrative and managerial requirements.
  - g) Laboratory equipment and quality control including field and laboratory testing. (For all the works costing more than Rs. 2.00 Crores contractors have to establish Quality Control laboratory)
  - h) Minor T & P and survey instruments and setting outworks, including verification of line, dimensions, etc.
  - i) Watch and ward.
  - j) Traffic management/ Safety management during construction.
  - k) Expenditure on safeguarding environment.
- iv. Sundries.
  - v. Financing Expenditure.
  - vi. Sales/ Turn over tax. (This is a material VAT component only, however the provision towards Works Contract Value Added Tax at 5% on the finished work items as defined in APVAT Act-2005 shall be added in the estimates)
  - vii. Work Insurance/ compensation (Reimbursement to the work insurance provision is dispensed with where 'over heads and contractor's profit' provision is included in the data rates)

#### **4.0 OTHER GUIDELINES**

1. Municipal Area Allowance, Agency or Tribal area allowance or any such allowance on the labour components of civil, water supply & sanitary items of building works shall be allowed wherever applicable as per the guidelines and preamble of Common SoR: 2013-14.
2. The rates of the Ready Mix Concrete (RMC) are deleted as the rate analysis is appended in the A.P. Revised Standard Data-2009.
3. Wherever the concrete pump is used in the data, 8 working hours per day can be considered for rate analysis purpose.
4. For the structures where the Standard and High Strength Concretes vide IS: 456-2000 is required, mix design shall be carried out and rates may be arrived as per the design mixes.
5. The finished rates of the wall painting with spray plaster/ synthetic textures from BMT-J.32 to BMT-J.51 are deleted with retrospective effect as the rate analysis for similar painting items is included in the A.P. Revised Standard Data-2009.

6. The rates of Hire charges for centering & scaffolding for the SHEAR WALLS, RCC WALLS, WATER TANK WALLS are deleted from the Buildings SoR with retrospective effect as the same are included in the Public Health section of Common SoR.
7. The increase in the supply of SWG Pipes, bends, fittings and other related items as proposed by the Engineer-in-Chief (PH), has been finalized in the Buildings SoR-2013-14.
8. The rates for the Manholes and inspection chambers are finalized based on the detailed rate analysis.
9. The rates of CI Pipes and fittings have been fixed based on the price lists obtained from the dealers & manufacturers and based on the 'Wholesale Price Indices' published by the Government of India.
10. Similarly the Vitreous china ware, porcelain, taps & faucets, G.I Pipes, valves & fittings and PVC Pipes & fittings have been finalized based on the 'Wholesale Price Indices' published by the Government of India.
11. The specifications of the aggregates for sizes and gradation and its adoption shall be as per IS 383-1970 and IS 2386 (Part 1 to Part 8).
12. No allowance towards 'Labour Importation & Labour Amenities' shall be added to the datas as they are included in the provision of 'Over heads and contractor's profit'.
13. For sand, gravel , murum, stones , course aggregates etc, the basic rates are for delivery at site, excluding seigniorage (royalty) charges, unloading charges by machinery / manual means and idle hire charges of machinery shall be allowed (as per table under chapter "conveyance or lead and lift charges") as applicable.
14. For all the materials, the basic rates given in the Buildings SoR are 'landing prices' at the site, except where mentioned specifically.
15. For the materials where the basic rates are mentioned as 'quarry rates' in the Buildings SoR, which includes initial lead of 1.0 km, lead charges are to be added for the lead distances from the approved quarries as applicable.
16. The basic item rates provided in the schedule of rates include 50 m (conveyance by manual means) or 1 km (conveyance by mechanical means) as initial lead and no lead charges shall be allowed where the source of material is within the initial lead specified in item rate. Additional lead charges shall be allowed for the lead exceeding initial lead specified in the item rate.

17. The lead charges per unit quantity for conveyance of the materials are worked out, and included in the schedule of rates in increment of 50 m for head load and in increment of 1 km for mechanical mode.
18. The rates for lead charges by head load up to 150 meters and by machinery up to 5 km shall be cumulative and inclusive of lead charges for preceding lead.
19. For building works taken up in the hill areas where the materials are conveyed on ghat roads, the lead distance may be taken as 1.5 times the existing length of the road for the purpose of leads only for conveyance of materials based on the certificate for the Ghat Road given by the Superintending Engineer concerned.
20. Loading and unloading charges are not payable for conveyance by head load.
21. Loading and unloading charges are not payable for conveyance by mechanical means, for disposal of excavated material unless specified.
22. The rates for unloading of materials except earth, sand, gravel, coarse aggregate, rubble, size stone and cut stone, are inclusive of stacking wherever applicable.
23. Unless otherwise specified, all material rates shall be inclusive of all taxes, duties, levies, royalty/seigniorage, transportation and handling costs up to project area, but excluding 'Works Contract Tax (VAT)'.
24. As envisaged by the High Level Committee in the 'SSR Guidelines' appended to the G.O.Ms.No.49 I&CAD (PW-Reforms) Dept., dt: 02-03-2009, a special software ACES is developed for the 'revised standard data for Building items', which shall be adopted for standardization and uniform rates.
25. Any errors, omissions, corrections or suggestions shall be brought to the notice of the 'COMMITTEE OF THE CHIEF ENGINEERS (Buildings SoR)' for corrective action.
26. For any new items to be included in the 'Schedule of Rates', recommendations with specific remarks of the respective departments should reach the 'Committee of Chief Engineers' well in advance.
27. The CWC (Ministry of Irrigation) has recommended that "where standard or schedule of rates are revised or where is necessary to do so, the primary guiding principle should be escalation in labour and material cost and not on trend of rates quoted by the contractors". The 'Committee of Chief engineers' (Buildings SoR) have considered the practicality and adoptability of the 'Buildings-SoR' in construction of the building projects in finalizing the 'Buildings-SoR'.

28. Wherever feasible, more emphasis is given to the technical specifications for the SoR items by removing the brand names of the manufacturers from the specification and list of approved brands in the respective category for the products is grouped and appended at the end of the SoR so as to bring to an end of encouraging a particular brand.
29. The estimate preparing authorities are advised to specify the brand names/ manufacturers in the contract documents as per the requirement.
30. The technical specifications, brand names and the corresponding rates given in the 'water proofing and chemical admixtures' section are for the guidance only. The estimate preparing authorities are requested to obtain literature for usage / application of construction / water proofing materials, epoxies etc, from the manufacturers or authorized suppliers in the contract documents as per the requirement.

## **5.0 CONCLUSION**

1. The Committee of Chief Engineers on Buildings-SoR: 2013-14 (Civil & Electrical) has met in the chambers of Chief Engineer (R&B) Buildings, on 05-08-2013 at 3.00 P.M., and approved the Buildings SoR:2013-14. The increase in rates of certain materials of items is considered based on the Whole Sale Price Indices published by the Economic Advisor, Government of India.
2. SSR Rates for Sanitary & water supply items are purely for the guidance of the officers in preparation of estimates vide Para 113 of APPWD code. Authority who prepares the estimate is however responsible for proper rates as envisaged in Para 45 of APPWD code.
3. The rates published in the Buildings SoR are ceiling rates and the estimate preparing authorities are responsible for the correctness and reasonableness of the rates and technical specifications adopted in the estimates.

# **BUILDING ITEMS**

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
<b>A</b>		<b>BRICKS &amp; BUILDING BLOCKS</b>		
1	BMT-A.01	Common burnt clay bricks of class as per Table-1 of IS:1077-1992 Non-Modular or traditional size 23 x 11 x 7 cm (ex-quarry price - excluding cost of conveyance, loading & unloading)	1000 Nos	<b>3,707.00</b>
2	BMT-A.02	Common burnt clay bricks of class as per Table-1 of IS:1077-1992 Modular or traditional size 19 x 9 x 9 cm (ex-quarry price - excluding cost of conveyance, loading & unloading)	1000 Nos	<b>5,005.00</b>
3	BMT-A.03	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 290 x 225 x 140 mm	Each	<b>23.00</b>
4	BMT-A.04	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 290 x 200 x 140 mm	Each	<b>20.00</b>
5	BMT-A.05	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 290 x 150 x 140 mm	Each	<b>15.00</b>
6	BMT-A.06	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 290 x 112/100 x 140 mm	Each	<b>13.00</b>
7	BMT-A.07	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 225 x 100 x 60 mm	Each	<b>6.00</b>
8	BMT-A.08	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 145 x 225 x 140 mm	Each	<b>14.00</b>
9	BMT-A.09	Fly ash cement/lime solid blocks with compressive strength of 75 kg/sq.cm - IS:12894-1990 - CLASS - 7.5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 145 x 200 x 140 mm	Each	<b>11.00</b>
10	BMT-A.10	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 290 x 225 x 140 mm	Each	<b>19.00</b>
11	BMT-A.11	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 290 x 200 x 140 mm	Each	<b>16.00</b>
12	BMT-A.12	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 290 x 150 x 140 mm	Each	<b>12.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
13	BMT-A.13	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 290 x 112/100 x 140 mm	Each	10.00
14	BMT-A.14	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 225 x 100 x 60 mm	Each	5.00
15	BMT-A.15	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 145 x 225 x 140 mm	Each	11.00
16	BMT-A.16	Fly ash cement/ lime solid blocks with compressive strength of 50 kg/sq.cm - IS:12894-1990 - CLASS - 5 (ex-quarry price - excluding cost of conveyance, loading & unloading) 145 x 200 x 140 mm	Each	9.00
17	BMT-A.17	Supply of well burnt cinder aggregates as per IS: 2686-1977	1 Cum	529.00
18	BMT-A.18	Supply of Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm <sup>2</sup> of Aerocon / Airolite or equivalent products (landing cost - including cost of conveyance, loading & unloading) 600 x 200 x 100 mm	Each	90.00
19	BMT-A.19	Supply of Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm <sup>2</sup> of Aerocon / Airolite or equivalent products (landing cost - including cost of conveyance, loading & unloading) 600 x 200 x 150 mm	Each	124.00
20	BMT-A.20	Supply of Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm <sup>2</sup> of Aerocon / Airolite or equivalent products (landing cost - including cost of conveyance, loading & unloading) 600 x 200 x 200 mm	Each	166.00
21	BMT-A.21	Supply of Aerated (Cellular) Autoclaved Concrete Blocks conforming to IS:2185 (Part-3) - 1984 and IS:6441-1972 of Compressive strength 3 N/mm <sup>2</sup> of Aerocon / Airolite or equivalent products (landing cost - including cost of conveyance, loading & unloading) 600 x 200 x 230 mm	Each	191.00
<b>B</b>		<b>NATURAL FLOORING STONES (ex-quarry price - excluding cost of conveyance, loading &amp; unloading)</b>		
22	BMT-B.01	Kadapa slab 40 mm thick and size not less than 0.457 M x 0.457 M	1 Sqm	90.00
23	BMT-B.02	Kadapa slab 50 mm thick and size not less than 0.457 M x 0.457 M	1 Sqm	103.00
24	BMT-B.03	Shahabad /Tandur Rough Stone slabs of minimum of 25 mm thick	10 Sqm	897.00
25	BMT-B.04	Shahabad / Tandur Rough Stone slabs of minimum 40 mm thick	10 Sqm	1,157.00
26	BMT-B.05	Polished Shahabad/ Tandur stone slabs of 15 to 18 mm thick (0.457x0.304) or any other size as specified	10 Sqm	1,544.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
27	BMT-B.06	Polished black Kadapa slabs minimum of 15 mm thick (0.457x0.457M)	10 Sqm	<b>1,287.00</b>
28	BMT-B.07	Polished Bethamcherla pure (marble type) white stone minimum 25 mm thick (0.254Mx0.254M)	10 Sqm	<b>3,603.00</b>
29	BMT-B.08	Polished Bethamcherla coloured stone minimum 25 mm thick (0.254M x0.254M)	10 Sqm	<b>2,573.00</b>
30	BMT-B.09	High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black/ premium colours	1 Sqm	<b>2,751.00</b>
31	BMT-B.10	High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) other than black and regular colours	1 Sqm	<b>2,392.00</b>
32	BMT-B.11	High Polished Granite 16 to 18 mm thick up to 8'-00 (2.43 M) black	1 Sqm	<b>2,033.00</b>
33	BMT-B.12	Polished Marble slabs of any variety (Such as Dongari/ Adanga/ Marodh/ Rajganpur etc) 16 mm to 20 mm (average) thick (size 0.457 M x 0.457 M) / (0.6M x 0.6M)	1 sqm	<b>681.00</b>
34	BMT-B.13	Polished Marble slabs of any variety (Such as Dongari/ Adanga/ Marodh/ Rajganpur etc) polished 16 mm to 20 mm (average) thick 0.305 M x 0.305 M	1 sqm	<b>550.00</b>
35	BMT-B.14	Polished Marble slabs of any variety and gang saw cut (Such as Dongari/ Adanga/ Marodh/ Rajganpur etc) 16 mm to 20 mm (average) thick ( 0.610 M width of any length)	1 sqm	<b>933.00</b>
36	BMT-B.15	Polished Marble Tiles 8 mm thick of all sizes and varieties	1 sqm	<b>444.00</b>
37	BMT-B.16	Granite stone tiles 8 mm thick (mirror polished of all shades)	1 sqm	<b>933.00</b>
<b>C</b>		<b>WALL &amp; FLOOR TILES (landing cost - including cost of conveyance, loading &amp; unloading)</b>		
38	BMT-C.01	Supply of Ceramic floor tiles of not less than 7.3mm thick 1st quality in all shades and designs	1 sqm	<b>447.00</b>
39	BMT-C.02	Supply of Edge Cut - Rectified Ceramic floor tiles of not less than 8 mm thick 1st quality in all shades and designs	1 sqm	<b>538.00</b>
40	BMT-C.03	Supply of decorated white background glazed wall tiles of any size and of 5 to 7 mm thick	1 sqm	<b>549.00</b>
41	BMT-C.04	Supply of screen printed, decorated coloured background glazed wall tiles of any size and of 5 to 7 mm thick	1 sqm	<b>612.00</b>
42	BMT-C.05	Supply of decorated coloured background glazed wall tiles of any size and of 5 to 7 mm thick	1 sqm	<b>580.00</b>
43	BMT-C.06	Supply of 1st quality, plain white glazed wall tiles of any size and of 5 to 7 mm thick	1 sqm	<b>335.00</b>
44	BMT-C.07	Supply of 1st Quality, glazed plain coloured wall tiles of any size and of 5 to 7 mm thick	1 sqm	<b>397.00</b>
45	BMT-C.08	Supply of precast terrazzo tiles 20 mm thick of medium shades	1 sqm	<b>285.00</b>
46	BMT-C.09	Supply of precast terrazzo tiles 20 mm thick of dark shades	1 Sqm	<b>277.00</b>
47	BMT-C.10	Supply of coloured precast terrazzo tiles of 20 mm thick	1 Sqm	<b>299.00</b>
48	BMT-C.11	Supply of white/ plain precast terrazzo tiles of 20 mm thick	1 Sqm	<b>232.00</b>
49	BMT-C.12	Supply of grey precast terrazzo tiles of 20 mm thick	1 Sqm	<b>150.00</b>
50	BMT-C.13	Supply of vitrified polished floor tiles of size not less than 900 x 900 x 10 mm thickness regular finish and normal colours	1 Sqm	<b>1,225.00</b>
51	BMT-C.14	Supply of vitrified polished floor tiles of size not less than 795 x	1 Sqm	<b>1,080.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		795 mm x 8 mm thickness regular finish and normal colours		
52	BMT-C.15	Supply of vitrified polished floor tiles of size not less than 598 x 598 mm x 8 mm thickness glossy finish premium colours	1 Sqm	<b>1,008.00</b>
53	BMT-C.16	Supply of vitrified polished floor tiles of size not less than 598 x 598 mm x 8 mm thickness regular finish and normal colours	1 Sqm	<b>607.00</b>
54	BMT-C.17	Supply of vitrified polished floor tiles of size not less than 400 x 400 x 7mm thickness normal colours	1 Sqm	<b>648.00</b>
55	BMT-C.18	Supply of glass mosaic tiles 1st quality of size 20x20x4 mm thick	1 Sqm	<b>1,368.00</b>
56	BMT-C.19	Providing of Vitrified/ Ceramic Tile flooring for required areas using different sizes, approved colour and make fixing with synthetic/ epoxy adhesive in specified thickness without joint including all taxes excluding cost of tiles 600 x 600 mm and above sizes tiles.	1 Sqm	<b>148.00</b>
57	BMT-C.20	Providing of Vitrified/ Ceramic Tile flooring for required areas using different sizes, approved colour and make fixing with synthetic/ epoxy adhesive in specified thickness without joint including all taxes excluding cost of tiles 400 x 400 mm and below size tiles	1 Sqm	<b>119.00</b>
58	BMT-C.21	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing specified colour cement based polymer grout mixed with grout admix including all taxes excluding cost of tiles: 600 x 600 mm tiles with 3 mm joints width	1 Sqm	<b>169.00</b>
59	BMT-C.22	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing specified colour cement based polymer grout mixed with grout admix including all taxes excluding cost of tiles: 600 x 600 mm tiles with 4 mm joints width	1 Sqm	<b>177.00</b>
60	BMT-C.23	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing specified colour cement based polymer grout mixed with grout admix including all taxes excluding cost of tiles: 400 x 400 mm tiles with 3 mm joints width	1 Sqm	<b>170.00</b>
61	BMT-C.24	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing specified colour cement based polymer grout mixed with grout admix including all taxes excluding cost of tiles: 400 x 400 mm tiles with 4 mm joints width	1 Sqm	<b>180.00</b>
62	BMT-C.25	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing specified colour cement based polymer grout mixed with grout admix including all taxes excluding cost of tiles: 300 x 200 mm tiles with 3 mm joints width	1 Sqm	<b>177.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
63	BMT-C.26	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing specified colour cement based polymer grout mixed with grout admix including all taxes excluding cost of tiles:300 x 200 mm tiles with 4 mm joints width	1 Sqm	<b>192.00</b>
64	BMT-C.27	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing specified colour cement based polymer grout mixed with grout admix including all taxes excluding cost of tiles:300 x 200 mm tiles with 3 mm joints width	1 Sqm	<b>186.00</b>
65	BMT-C.28	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing specified colour cement based polymer grout mixed with grout admix including all taxes excluding cost of tiles:300 x 200 mm tiles with 4 mm joints width	1 Sqm	<b>203.00</b>
66	BMT-C.29	Providing Glass Mosaic tiles using specified pattern fixing with grout and approved colour of joint filling with admix cement grouting including all taxes excluding cost of tiles	1 Sqm	<b>295.00</b>
67	BMT-C.30	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles:600 x 600 mm tiles with 4 mm joints width	1 Sqm	<b>342.00</b>
68	BMT-C.31	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles:400 x 400 mm tiles with 3 mm joints width	1 Sqm	<b>281.00</b>
69	BMT-C.32	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles:400 x 400 mm tiles with 4 mm joints width	1 Sqm	<b>336.00</b>
70	BMT-C.33	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles:300 x 200 mm tiles with 3 mm joints width	1 Sqm	<b>336.00</b>
71	BMT-C.34	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles:300 x 200 mm tiles with 4 mm joints width	1 Sqm	<b>408.00</b>
72	BMT-C.35	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles:300 x 200 mm tiles with 3 mm joints width	1 Sqm	<b>346.00</b>
73	BMT-C.36	Providing tile flooring with synthetic/ epoxy adhesive in specified thick and pointing with specified colour epoxy grout excluding cost of tiles:300 x 200 mm tiles with 4 mm joints width	1 Sqm	<b>420.00</b>
74	BMT-C.37	Providing Glass Mosaic tiles using specified pattern fixing with epoxy grout and approved colour of joint filling with admix	1 Sqm	<b>283.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		cement grouting including all taxes excluding cost of tiles		
75	BMT-C.38	Providing Glass Mosaic tiles using specified pattern fixing with epoxy grout and approved colour cement admix grout including all taxes excluding cost of tiles	1 Sqm	<b>1,260.00</b>
76	BMT-C.39	Supply of design wall tiles of any colour and size other than highlighters and of thickness 8 to 10 mm including all taxes	1 Sqm	<b>419.00</b>
77	BMT-C.40	Supply of design highlighters wall tiles of any colour and size and of thickness 8 to 10 mm including all taxes	1 Sqm	<b>478.00</b>
78	BMT-C.41	Supply of design highlighters wall tiles of premium / radium colours and of any size and of thickness 8 to 10 mm including all taxes	1 Sqm	<b>538.00</b>
79	BMT-C.42	Supply of plain exterior wall tiles of thickness 20 mm of any size for wall claddings	1 Sqm	<b>430.00</b>
80	BMT-C.43	Supply of exterior design wall tiles of thickness 20 mm of any size for wall claddings	1 Sqm	<b>550.00</b>
81	BMT-C.44	Supply of Plain design floor and wall tiles set with floor tiles of thickness 15 mm and wall tiles of thickness 9 mm	1 Sqm	<b>618.00</b>
82	BMT-C.45	Supply of textured design floor and wall tiles set with floor tiles of thickness 15 mm and wall tiles of thickness 9 mm	1 Sqm	<b>664.00</b>
83	BMT-C.46	Supply of premium plain design floor and wall tiles set with floor tiles of thickness 15 mm and wall tiles of thickness 9 mm	1 Sqm	<b>894.00</b>
84	BMT-C.47	Supply of premium textured design floor and wall tiles set with floor tiles of thickness 15 mm and wall tiles of thickness 9 mm	1 Sqm	<b>929.00</b>
85	BMT-C.48	Supply of premium plain design highlighter combination floor and wall tiles set with floor tiles of thickness 15 mm and wall tiles of thickness 9 mm but excluding highlighters	1 Sqm	<b>1,166.00</b>
86	BMT-C.49	Supply of premium plain design highlighter combination floor and wall tiles set with floor tiles of thickness 15 mm and wall tiles of thickness 9 mm but including highlighters	1 Sqm	<b>1,195.00</b>
87	BMT-C.50	Vitrified polished floor tiles of size not less than 1000 x 1000 x 10 mm thickness with nano technology printing and high glossy finish/ premium colours	1 Sqm	<b>1,680.00</b>
88	BMT-C.51	Vitrified polished floor tiles of size not less than 795 x 795 mm x 8 mm thickness with nano technology printing and high glossy finish/ premium colours special series	1 Sqm	<b>1,484.00</b>
89	BMT-C.52	Vitrified polished floor tiles of size not less than 598 x 598 mm x 8 mm thickness with nano technology printing and glossy finish premium colours high glossy finish/ premium colours special series	1 Sqm	<b>1,214.00</b>
90	BMT-C.53	Vitrified polished floor tiles of size not less than 900 x 900 mm x 10 mm thickness with nano technology printing and glossy finish premium colours high glossy finish/ premium colours special series	1 Sqm	<b>1,344.00</b>
<b>D</b>		<b>PAVING &amp; INTERLOCKING TILES (landing cost - including cost of conveyance, loading &amp; unloading)</b>		
91	BMT-D.01	Chequered Terrazzo tiles of 22 mm thick (Medium shade) 0.254 M x 0.406 M	1 sqm	<b>273.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
92	BMT-D.02	Chequered Terrazzo tiles of 22 mm thick (Dark shade) 0.254 M x 0.406 M	1 sqm	<b>250.00</b>
93	BMT-D.03	Chequered Terrazzo tiles of 30 mm thick ( Light shade) 0.305 M x 0.305 M	1 sqm	<b>250.00</b>
94	BMT-D.04	Chequered Terrazzo tiles of 30 mm thick (Dark shade) 0.305 M x 0.305 M	1 sqm	<b>266.00</b>
95	BMT-D.05	Chequered Terrazzo tiles of 30 mm thick ( medium shade) 0.305 M x 0.305 M	1 sqm	<b>235.00</b>
96	BMT-D.06	Supply, laying & fixing of 60 mm thick cement Mosaic reflective concrete pavers of grade M-40 and above including labour charges, loading & unloading, laying to desired lines and levels complete excluding cost of cement, sand, water, electricity etc	1 Sqm.	<b>531.00</b>
97	BMT-D.07	Supply, laying & fixing of 30 mm thick cement Mosaic reflective concrete pavers of grade M-40 and above including labour charges, loading & unloading, laying to desired lines and levels complete excluding cost of cement, sand, water, electricity etc	1 Sqm.	<b>549.00</b>
98	BMT-D.08	Supply of high strength Cement Concrete Designer Tiles of 30 mm thickness of M- 40 Grade of which top 12 mm thick shall be for colour pigmentation with imported colours and white cement to get required reflective glazing inclusive of all taxes	1 Sqm	<b>484.00</b>
99	BMT-D.09	Supply of high strength Cement Concrete interlocking Designer Pavers of 60 mm thickness of M- 40 Grade of which top 12 mm thick shall be for colour pigmentation with imported colours and white cement to get required reflective glazing inclusive of all taxes	1 Sqm	<b>533.00</b>
100	BMT-D.10	Supply of high strength Cement Concrete interlocking Designer Pavers of 80 mm thickness of M- 40 Grade of which top 12 mm thick shall be for colour pigmentation with imported colours and white cement to get required reflective glazing inclusive of all taxes	1 Sqm	<b>606.00</b>
101	BMT-D.11	Supply of high strength Cement Concrete interlocking Regular Pavers of 60 mm thickness of M- 40 Grade of which top 12 mm thick shall be for colour pigmentation with imported colours and white cement to get required reflective glazing inclusive of all taxes	1 Sqm	<b>291.00</b>
102	BMT-D.12	Supply of high strength Cement Concrete interlocking Regular Pavers of 80 mm thickness of M- 40 Grade of which top 12 mm thick shall be for colour pigmentation with imported colours and white cement to get required reflective glazing inclusive of all taxes	1 Sqm	<b>315.00</b>
103	BMT-D.13	Supply of high strength Cement Concrete pre-polished ready to lay floor tiles of any colour, design and any size with 22 mm thickness including all taxes with compressive strength not less than 450 Kg/cm <sup>2</sup> conforming to IS 516	1 Sqm	<b>485.00</b>
104	BMT-D.14	Supply of high strength Cement Concrete Step tiles of regular colour, design and of 25 mm thickness including all taxes	1 Sqm	<b>555.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
105	BMT-D.15	Supply of high strength Cement Concrete pre-polished Step tiles of any premium colour, design and of 25 mm thickness including all taxes	1 Sqm	619.00
106	BMT-D.16	Supply of Cement Concrete interlocking Pavers of 60 mm thickness and dumbbell, zig-zag, I-block shapes etc., inclusive of all taxes	1 Sqm	400.00
107	BMT-D.17	Supply of Cement Concrete interlocking Pavers of 80 mm thickness and dumbbell, zig-zag, I-block shapes etc., inclusive of all taxes	1 Sqm	440.00
108	BMT-D.18	Supply of Cement Concrete interlocking Pavers of 100 mm thickness and dumbbell, zig-zag, I-block shapes etc., inclusive of all taxes	1 Sqm	480.00
<b>E</b>		<b>TIMBER &amp; ROOFING MATERIALS (landing cost - including cost of conveyance, loading &amp; unloading)</b>		
		<b>Note: Before proposing the Teak Wood Items, the estimating authorities shall obtain prior approval from the competent authority</b>		
109	BMT-E.01	Medium Teak Wood scantlings: up to 2.0 M	1 cum	63,567.00
110	BMT-E.02	Medium Teak Wood scantlings: 2.0 to 3.0 M	1 cum	70,630.00
111	BMT-E.03	Medium Teak Wood scantlings: above 3.0 M	1 cum	77,693.00
112	BMT-E.04	Medium Teak Wood Plancks: any thickness	1 cum	1,27,134.00
113	BMT-E.05	Best Teak Wood scantlings: up to 2.0 M	1 cum	1,09,477.00
114	BMT-E.06	Best Teak Wood scantlings: 2.0 to 3.0 M	1 cum	1,16,540.00
115	BMT-E.07	Best Teak Wood scantlings: above 3.0 M	1 cum	1,23,603.00
116	BMT-E.08	Best Teak Wood Plancks: any thickness	1 cum	1,37,729.00
117	BMT-E.09	Burma Teak Wood scantlings: up to 2.0 M	1 cum	1,27,311.00
118	BMT-E.10	Burma Teak Wood scantlings: 2.0 to 3.0 M	1 cum	1,30,948.00
119	BMT-E.11	Burma Teak Wood scantlings: above 3.0 M	1 cum	1,37,729.00
120	BMT-E.12	Burma Teak Wood Plancks: any thickness	1 cum	1,49,137.00
121	BMT-E.13	Assam Teak Wood scantlings: any length	1 cum	45,180.00
122	BMT-E.14	Assam Teak Wood Plancks: any thickness	1 cum	65,512.00
123	BMT-E.15	Sal Wood scantlings: any length	1 cum	48,543.00
124	BMT-E.16	Sal Wood Plancks: any thickness	1 cum	64,725.00
125	BMT-E.17	A.C sheet Corrugated 6 mm thick	1 sqm	207.00
126	BMT-E.18	A.C sheet plain 4 m thick	1 sqm	148.00
127	BMT-E.19	A.C sheet plain 6 m thick	1 sqm	154.00
128	BMT-E.20	Plain or Corrugated Galvanized iron sheets as per IS 277 (0.1 mm to 0.8 mm thickness)	1 kg	56.00
<b>F</b>		<b>MILD, GALVANIZED &amp; STAINLESS STEEL (landing cost - including cost of conveyance, loading &amp; unloading)</b>		

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
129	BMT-F.01	Mild Steel Hallow single rebate general purpose door frames manufactured using cold roll formed process steel sheet of 1.25 mm thick bright (Cold Rolled Close Annealed (CRCA) and profile-B of size 105 x 60 mm conforming to IS 4351 - 2003 including pretreatment, phosphating with butt hinges, Base Ties, Holdfast Lugs, Mortar Guards, shock absorbers and provision for Tower Bolts, Aldrops, Lock & Strike plates etc. for both single and double shutter doors	1 Rm	302.00
130	BMT-F.02	Country Nails	1 Kg	57.00
131	BMT-F.03	Wire Nails	1 Kg	57.00
132	BMT-F.04	Mild Steel Tubes & pipes of all diameters as per IS-1161	1 Kg	57.00
133	BMT-F.05	Stainless Steel Tubes, sections, plates, sheets & pipes of all sizes & diameters - 202 Grade	1 Kg	187.00
134	BMT-F.06	Stainless Steel Tubes, sections, plates, sheets & pipes of all sizes & diameters for - 304 Grade	1 Kg	309.00
135	BMT-F.07	Supplying Galvanized Steel Barbed wire conforming to IS 278 - 1978 : Type A - IOWA Type Designation as per standard specification	1 Kg	77.00
136	BMT-F.08	Supplying Galvanized Steel Barbed wire conforming to IS 278 - 1978 : Type B - Glidden Type Designation as per standard specification	1 Kg	77.00
137	BMT-F.09	Expanded metal sheets as per IS-412-1962- Light Weight-25 mm(SWM)x75 mm (LWM)3.25 mm Wide and 1.25 mm thick	1 Sqm	136.00
138	BMT-F.10	Expanded metal sheets as per IS-412-1962- Light Weight-20 mm(SWM)x60 mm(LWM) 2.50 mm Wide and 1.25 mm thick	1 Sqm	136.00
139	BMT-F.11	Expanded metal sheets as per IS-412-1962- Light Weight-20 mm(SWM)x50 mm(LWM) 2.50 mm Wide and 1.25 mm thick	1 Sqm	136.00
140	BMT-F.12	Expanded metal sheets as per IS-412-1962- Medium Weight-25 mm(SWM)x75 mm(LWM) 3.25 mm Wide and 1.60 mm thick	1 Sqm	187.00
141	BMT-F.13	Expanded metal sheets as per IS-412-1962- Medium Weight-20 mm(SWM)x60 mm(LWM) 2.50 mm Wide and 1.60 mm thick	1 Sqm	187.00
142	BMT-F.14	Expanded metal sheets as per IS-412-1962- Medium Weight-20 mm(SWM)x50 mm(LWM) 2.50 mm Wide and 1.60 mm thick	1 Sqm	187.00
143	BMT-F.15	Expanded metal sheets as per IS-412-1962- Heavy Weight-25 mm(SWM)x75 mm(LWM) 3.25 mm Wide and 2.24 mm thick	1 Sqm	213.00
144	BMT-F.16	Expanded metal sheets as per IS-412-1962- Heavy Weight-20 mm(SWM)x60 mm(LWM) 2.50 mm Wide and 2.24 mm thick	1 Sqm	213.00
145	BMT-F.17	Expanded metal sheets as per IS-412-1962- Heavy Weight-20 mm(SWM)x50 mm(LWM) 2.50 mm Wide and 2.24 mm thick	1 Sqm	213.00
146	BMT-F.18	Galvanized Iron fly proof wire mesh of not less than 20 gauge	1 Sqm	203.00
147	BMT-F.19	Stainless steel fly proof wire mesh of not less than 20 gauge	1 Sqm	492.00
148	BMT-F.20	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979: 2"x2" (50 mm x 50 mm) - 8 Gauge	1 Sqm	445.00
149	BMT-F.21	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979: 2½"x2½" (63 mm x 63 mm) - 8 Gauge	1 Sqm	353.00
150	BMT-F.22	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979: 3"x3" (76 mm x 76 mm) - 8 Gauge	1 Sqm	301.00
151	BMT-F.23	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm)	1 Sqm	223.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		as per IS: 2721-1979: 4"x4" (102 mm x 102 mm) - 8 Gauge		
152	BMT-F.24	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979 - PVC Coated - 2"x2" (50 mm x 50 mm) - 8 Gauge	1 Sqm	537.00
153	BMT-F.25	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979 - PVC Coated - 2½"x2½" (63 mm x 63 mm) - 8 Gauge	1 Sqm	445.00
154	BMT-F.26	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979 - PVC Coated - 3"x3" (76 mm x 76 mm) - 8 Gauge	1 Sqm	367.00
155	BMT-F.27	Hot dipped Galvanised Iron Chain link mesh 8 gauge - (4.0 mm) as per IS: 2721-1979 - PVC Coated - 4"x4" (102 mm x 102 mm) - 8 Gauge	1 Sqm	287.00
156	BMT-F.28	Rabbit wire mesh (chicken mesh) of not less than 30 gauge	1 Sqm	16.00
157	BMT-F.29	Supply & fixing of Rolling shutter made of 80 x 1.25 mm machine rolled CRCA laths, interlocked together through their entire length and jointed together at the ends by end-locks, mounted on specially designed pipe shaft of 50mm dia nominal bore MS B class pipe with brackets, plates, guide channels, stoppers, bottom locking plates and arrangements for inside & outside locking with push-pull operations including cost of hood cover and springs complete, painted with one coat of approved steel primer, locks, ball bearings, all accessories etc complete for finished item of work as per special spn: 1108	1 Sqm	2,500.00
158	BMT-F.30	Supplying & fixing collapsible steel shutters with vertical, double channel of 20 x10x2 mm of 100 mm centre ,Bracers with flat iron 40x40x6 mm with 38 mm dia steel pulleys, the top, bottom and side vertical frames of the collapsible gate with 65x65mmx8mm MS Angle and middle guide rail at site height with 65mmx8mm MS flat for the pulleys to guide and fixed with necessary hold fasts, bolts, nuts, rivets, locking arrangements, stoppers, handles, all accessories all fixtures and painted with one coat of approved steel primer etc., complete for finished item of work as per special spn 1105	1 Sqm	2,187.00
159	BMT-F.31	Powder Coated Mild Steel Hallow single rebate door frames manufactured using cold roll formed process steel sheet of 1.25 mm thick bright (Cold Rolled Close Annealed (CRCA) and profile size of 105 x 60 mm conforming to IS 4351 - 2003 including pre-treatment, Galvanized as per IS:277, zinc phosphating finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability/Epoxy polyester powder for powder coating paint thickness 60 – 65 microns(Dry film thickness)Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame with Hinges, Base Ties, Holdfast Lugs, Mortar Guards, shock absorbers and provision for Tower Bolts, Aldrops, Lock & Strike plates etc. for both single and double shutter doors	1 RM	650.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
160	BMT-F.32	Supply and Fixing Door Frames made of Skin pass galvanized Iron Sheet ( conform to Base Steel as per IS 513 “D” Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams/ Sq.mtr) with pure polyester powder coating of 60 - 65 Microns (Dry Film thickness) manufactured from 1.2 mm thick galvanized steel sheet formed to single rebate profile of size 100 mm x 58 mm fitted with “TEE” anchors and supplied to knock down /welded form with Miter Joint for Bolted Assembly at site, cleaned and coated with Polyurethane powder coating of thickness 65 – 75 microns (Dry Film Thickness) & Oven Baked at 200 Degree Centigrade for Wood Grain finish, Stainless Steel Ball Bearing Butt Hinges of 102 x 76 x 3mm thick fixed flush to the frame	1 RM	735.00
161	BMT-F.33	Supply and Fixing Door Frames made of Skin pass galvanized Iron Sheet ( conform to Base Steel as per IS 513 “D” Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams/ Sq.mtr) with pure polyester powder coating of 60 - 65 Microns (Dry Film thickness) manufactured from 1.2 mm thick galvanized steel sheet formed to double rebate profile of size 148 mm x 58 mm fitted with “TEE” anchors and supplied to knock down /welded form with Miter Joint for Bolted Assembly at site, cleaned and coated with Polyurethane powder coating of thickness 65 – 75 microns (Dry Film Thickness) & Oven Baked at 200 Degree Centigrade for Wood Grain finish, Stainless Steel Ball Bearing Butt Hinges of 102 x 76 x 3mm thick fixed flush to the frame	1 RM	804.00
<b>G</b>		<b>FIXTURES FOR DOORS &amp; WINDOWS</b>		
162	BMT-G.01	Brass Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	101.00
163	BMT-G.02	Brass Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	148.00
164	BMT-G.03	Brass Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	198.00
165	BMT-G.04	Brass Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	246.00
166	BMT-G.05	Brass Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	303.00
167	BMT-G.06	Aluminium Tower Bolt-10 mm Bolt (IS:204) 75 mm Long	Each	62.00
168	BMT-G.07	Aluminium Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	76.00
169	BMT-G.08	Aluminium Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	92.00
170	BMT-G.09	Aluminium Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	113.00
171	BMT-G.10	Aluminium Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	136.00
172	BMT-G.11	Aluminium Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	159.00
173	BMT-G.12	Aluminium Tower Bolt-10 mm Bolt (IS:204) 350 mm Long	Each	428.00
174	BMT-G.13	Aluminium Tower Bolt-10 mm Bolt (IS:204) 450 mm Long	Each	542.00
175	BMT-G.14	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 100 mm Long	Each	23.00
176	BMT-G.15	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 150 mm Long	Each	35.00
177	BMT-G.16	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 200 mm Long	Each	50.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
178	BMT-G.17	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 250 mm Long	Each	68.00
179	BMT-G.18	MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 300 mm Long	Each	84.00
180	BMT-G.19	Brass Butt hinges (IS:205)- 75 mm Long	Each	42.00
181	BMT-G.20	Brass Butt hinges (IS:205)- 100 mm Long	Each	137.00
182	BMT-G.21	Brass Butt hinges (IS:205)- 125 mm Long	Each	166.00
183	BMT-G.22	Brass Butt hinges (IS:205)- 150 mm Long	Each	219.00
184	BMT-G.23	Aluminium Butt hinges (IS:205)- 75 mm Long	Each	89.00
185	BMT-G.24	Aluminium Butt hinges (IS:205)- 100 mm Long	Each	106.00
186	BMT-G.25	Aluminium Butt hinges (IS:205)- 125 mm Long	Each	127.00
187	BMT-G.26	Aluminium Butt hinges (IS:205)- 150 mm Long	Each	132.00
188	BMT-G.27	MS-Powder Coated Butt hinges (IS:205)- 75 mm Long	Each	11.00
189	BMT-G.28	MS-Powder Coated Butt hinges (IS:205)- 100 mm Long	Each	21.00
190	BMT-G.29	MS-Powder Coated Butt hinges (IS:205)- 125 mm Long	Each	31.00
191	BMT-G.30	MS-Powder Coated Butt hinges (IS:205)- 150 mm Long	Each	40.00
192	BMT-G.31	Aluminium Door Handles (IS:208) 75 mm Long	Each	60.00
193	BMT-G.32	Aluminium Door Handles (IS:208) 100 mm Long	Each	68.00
194	BMT-G.33	Aluminium Door Handles (IS:208) 125 mm Long	Each	101.00
195	BMT-G.34	Aluminium Door Handles (IS:208) 150 mm Long	Each	112.00
196	BMT-G.35	MS-Powder Coated Door Handles (IS:208) 125 mm Long	Each	31.00
197	BMT-G.36	MS-Powder Coated Door Handles (IS:208) 150 mm Long	Each	46.00
198	BMT-G.37	Brass Aldrops (IS:2681) 300 mm long	Each	891.00
199	BMT-G.38	Brass Aldrops (IS:2681) 350 mm long	Each	1,715.00
200	BMT-G.39	Brass Aldrops (IS:2681) 450 mm long	Each	2,442.00
201	BMT-G.40	Aluminium Aldrops (IS:2681) 200 mm long	Each	264.00
202	BMT-G.41	Aluminium Aldrops (IS:2681) 250 mm long	Each	314.00
203	BMT-G.42	Aluminium Aldrops (IS:2681) 300 mm long	Each	341.00
204	BMT-G.43	MS-Powder Coated Aldrops (IS:2681) 200 mm long	Each	105.00
205	BMT-G.44	MS-Powder Coated Aldrops (IS:2681) 250 mm long	Each	137.00
206	BMT-G.45	MS-Powder Coated Aldrops (IS:2681) 300 mm long	Each	164.00
207	BMT-G.46	Brass Door Stoppers	Each	179.00
208	BMT-G.47	Brass Windows Stay	Each	203.00
209	BMT-G.48	Aluminium Flat Latches: 200 mm long	Each	127.00
210	BMT-G.49	Aluminium Flat Latches: 250 mm long	Each	144.00
211	BMT-G.50	Aluminium Flat Latches: 300 mm long	Each	151.00
212	BMT-G.51	MS-Powder Coated Flat Latches: 250 mm long	Each	52.00
213	BMT-G.52	MS-Powder Coated Flat Latches: 300 mm long	Each	66.00
214	BMT-G.53	MS-Powder Coated - Door Stoppers	Each	46.00
215	BMT-G.54	Supply & fixing drapery rods (25.4 mm) 1" x 21 G Powder coated with PVC rings	RM	116.00
216	BMT-G.55	Supply & fixing drapery bracket - brass powder coated	pair	409.00
217	BMT-G.56	Deluxe window stay Aluminium	Each	116.00
218	BMT-G.57	Heavy duty Aluminium Door stopper	Each	50.00
219	BMT-G.58	Brass fancy handles 150 mm	Each	303.00
220	BMT-G.59	Brass fancy handles 200 mm	Each	412.00
221	BMT-G.60	Brass fancy handles 250 mm	Each	742.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
222	BMT-G.61	Brass fancy handles 300 mm	Each	<b>948.00</b>
223	BMT-G.62	Brass fancy handles 450 mm	Each	<b>1,482.00</b>
224	BMT-G.63	Providing and fixing Cast Iron Body Bottle Type Hydraulic Door Closer (IS: 3564) with double speed adjustment, with necessary accessories and screws etc. complete	Each	<b>938.00</b>
225	BMT-G.64	Double action Stainless steel cover plate and cast body iron floor spring (IS 6315- Table-1)	Each	<b>1,280.00</b>
226	BMT-G.65	Double action Brass cover plate and cast brass body floor spring (IS 6315- Table-1)	Each	<b>3,037.00</b>
227	BMT-G.66	Heavy duty mortise lock 6/7 levers (IS:2209) with PC or CP handles complete set	Each	<b>626.00</b>
228	BMT-G.67	Heavy duty mortise lock 6/7 levers (IS:2209) with brass heavy handles	Each	<b>2,180.00</b>
229	BMT-G.68	Brass latch heavy 300 mm	Each	<b>521.00</b>
230	BMT-G.69	Brass latch heavy 350 mm	Each	<b>598.00</b>
231	BMT-G.70	Brass latch heavy 450 mm	Each	<b>790.00</b>
232	BMT-G.71	Friction stay hinges for windows	Each	<b>97.00</b>
233	BMT-G.72	Keyless lockset for toilet doors with CP or PC knob handles (complete set)	Each	<b>282.00</b>
234	BMT-G.73	Keyless lock set for toilet doors with brass knob handles	Each	<b>745.00</b>
235	BMT-G.74	Providing and fixing Aluminium Extruded Section Body Tubular Type Hydraulic Door Closer (IS: 3564) with double speed adjustment with necessary accessories and screws etc. complete (Type-1: for width of doors up to 700 mm)	Each	<b>1,011.00</b>
236	BMT-G.75	Providing and fixing Aluminium Extruded Section Body Tubular Type Hydraulic Door Closer (IS: 3564) with double speed adjustment with necessary accessories and screws etc. complete (Type-2: for width of doors 701 to 850 mm)	Each	<b>1,083.00</b>
237	BMT-G.76	Providing and fixing Aluminium Extruded Section Body Tubular Type Hydraulic Door Closer (IS: 3564) with double speed adjustment with necessary accessories and screws etc. complete (Type-3: for width of doors 851 to 1000 mm)	Each	<b>1,136.00</b>
238	BMT-G.77	Providing and fixing double action brass cast hydraulic floor spring (IS:6315-Table 1) for doors including cost of cutting floors as required, embedding in floors and S.S./ Brass cover plates with brass pivot and single piece M.S. Sheet outer box with slide plate etc. complete (door weight capacity up to 130 kgs)	Each	<b>3,198.00</b>
239	BMT-G.78	Providing and fixing double action brass cast hydraulic floor spring (IS:6315-Table 1) for doors including cost of cutting floors as required, embedding in floors and S.S. cover plates with brass pivot and single piece M.S. Sheet outer box with slide plate etc. complete (door weight capacity up to 80 kgs)	Each	<b>2,377.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
240	BMT-G.79	Providing of brass cast body Floor Spring IS: 6315 sleek in size with the S.S. / Brass Cover plates of Length 320 mm x Breadth 130 mm size along with the Top Patch, Bottom Patch, Door Lock and Pivot with Double Cylinder etc. complete for Heavy duty Glass doors.	Each	<b>10,564.00</b>
<b>H</b>		<b>WATER PROOFING CHEMICALS &amp; ADMIXTURES</b>		
		<b>Literature for usage / application of construction / water proofing materials, epoxies etc, may be obtained from manufacturers.</b>		
241	BMT-H.01	Supply of cement based Impervious Water Proofing powder compound	½ kg	<b>24.00</b>
242	BMT-H.02	Providing Tar felting roof repairs with Rainseal Felt/ Zori-felt BT or equivalent duly applying one coat of appropriate grade of bitumen in hot condition @ 0.2 Kg/1Sqm of roof area, fixing tar felt (Manufactures to IS 1322/1972 specification), applying second coat of appropriate grade of hot bitumen at 0.20 Kg/1Sqm of roof area and spreading course aggregate (sand) at 0.063 cum per 1 Sqm of roof area finished item	1 Sqm	<b>228.00</b>
243	BMT-H.03	Providing waterproofing treatment by supplying and applying Rainseal HDP 1500 /ROOFSHIELD-1500 OR ZORISHIELD-1500 equivalent (1.50 mm thickness, 2.25Kg per Sq. Mt and 20 X1 Mtr. roll with a centre core of 90 micron thickness HMHDPE film) Water Proofing Membrane. A) apply one coat of Bituminous Emulsion, first coat of bituminous grade 85/25, fix "Rainseal HDP 1500/ROOFSHIELD-1500 OR equivalent " water proofing membrane, apply second coat of Bitumen grade 90/15 after sealing all the joints and abutments with a Gas torch and apply one coat of Rainseal SAP- BITUMINOUS ALUMINIUM PAINT for heat resistance for finished item	1 Sqm.	<b>247.00</b>
244	BMT-H.04	Providing chemical waterproof treatment with Brick bat coba & chemical cement mortars to exposed RCC roof slab surfaces to required slopes mixed with Conproof NO.1/ Rain Proof No 1/Zoriproof (100 ml Per Bag of 50 Kgs Cement) waterproofing chemical compound, laid over roof slab and brickbat coba treatment in chemical cement mortar 100 mm thick at the centre and 80 mm thick at the edges finished smooth with a floating coat of chemical mixed cement mortar as per the manufacturer specification including cost and conveyance of all materials like sand, chemical-Conproof NO.1/ Rain Proof No 1 Zoriproof (100 ml Per Bag of 50 Kgs Cement) waterproofing compound, water etc., to site, including seigniorage charges and operational, incidental, and labour charges for mixing mortar, laying, lift charges, rendering smooth curing including rounding off junctions of wall and slab etc., complete for finished item of work (with a guarantee of 10 years)	1 Sqm	<b>812.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
245	BMT-H.05	Providing chemical waterproof treatment with Brick bat coba & chemical cement mortars to exposed RCC roof slab surfaces to required slopes mixed with – Conproof NO.1/ Rain Proof No 1/Zoriproof (100 ML Per Bag of 50 Kgs Cement) waterproofing chemical compound, laid over roof slab and brickbat coba treatment in chemical cement mortar 80 mm thick at the centre and 60 mm thick at the edges finished smooth with a floating coat of chemical mixed cement mortar as per the manufacturer specification including cost and conveyance of all materials like sand, chemical –Conproof NO.1/ Rain Proof No 1/Zoriproof (100 ml Per Bag of 50 Kgs Cement) waterproofing compound, water etc., to site, including seigniorage charges and operational, incidental, and labour charges for mixing mortar, laying, lift charges, rendering smooth curing including rounding off junctions of wall and slab etc., complete for finished item of work (with a guarantee of 10 years)	1 Sqm	<b>675.00</b>
246	BMT-H.06	Construction Chemicals, Epoxy & Admixtures - Chloride free water reducing and plasticizing admixture : Consplax/ Conflow SNP1 Zoriplast (Dosage : 20 ml Per Bag of 50 Kgs Cement) or equivalent	1 litre	<b>129.00</b>
247	BMT-H.07	High strength Acrylic blended plasticizer and Water reducing agent - Roofplast HS 100/ Conflow SNP20 or Zoriplast HS (Dosage : 400 ml to 500 ml Per Bag of 50 Kgs Cement)	1 litre	<b>150.00</b>
248	BMT-H.08	Quick setting, rapid hardening and water proofing compound - : Rapidstrong QS/Conflow SNPA or ZorirapidR or Equivalent (Dosage : 1 to 3 Litres per bag of 50 Kgs Cement depending on the setting time required).	1 litre	<b>75.00</b>
249	BMT-H.09	Chloride free super plasticizer for high range water reducing admixture : Roofplast SP 35/Conflow SNS I or Zoriplast SP 350 (Dosage: 200 ml to 500 ml per bag of 50 Kgs Cement) or equivalent.	Litre	<b>68.00</b>
250	BMT-H.10	Chloride free super plasticizer for high early strength and high range water reducing admixture: Roofplast SP 45/Conflow SNS 2 or Zoriplast SP 450 (Dosage: 200 ml to 500 ml per bag of 50 Kgs Cement) or equivalent.	Litre	<b>75.00</b>
251	BMT-H.11	Set accelerator and plasticizer: Roofplast SCA/ Conflow SNA or Zoriset or Equivalent (Dosage:1 Kg to 3 Kgs per bag of 50 Kgs Cement depending on the setting time required )	Kgs	<b>70.00</b>
252	BMT-H.12	Chloride free High power slump retaining and retarding plasticizer: Roofplast RT5/Conflow SNR or Zoriplast RT5 (Dosage: 15ml to 40 ml per bag of 50 Kgs Cement) or Equivalent.	Litre	<b>140.00</b>
253	BMT-H.13	Air Entraining Agent: Roofplast AEA/ Conflow SNE or Zoriplast AEA (Dosage : 5ml to 25 ml per bag of 50 Kgs Cement) or Equivalent (Dosage : 15ml per Bag of 50 Kgs Cement)	Litre	<b>130.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
254	BMT-H.14	Chloride free super plasticizer, high range water reducing and retarding admixture - Roofplast SR5/Conflow SNS-3 SPL or Zoriplast SRT5 (Dosage : 300 ml to 400 ml per bag of 50 Kgs Cement) or equivalent	Litre	<b>88.00</b>
255	BMT-H.15	Retarding super plasticizer: Conflow SNS-3 or Accelerating Plasticizers: Roofplast SA/ Zoriplast AC (Dosage: 500 ml to 1 Litre per bag of 50 Kgs Cement) or Equivalent.	Litre	<b>72.00</b>
256	BMT-H.16	Waterproof Cement Mortar Plasticizer: Roofplast MP/ Morflow SN 1 or Zoriplast MP (Dosage: 100 ml per bag of 50 Kgs Cement) or Equivalent.	Litre	<b>135.00</b>
257	BMT-H.17	Integral Cement Waterproofing Compound : Conproof No.1/ Rainproof No.1/Conflow SNW1 or Zoriproof (Liquid Form) (Dosage : 100 ml Per Bag of 50 Kgs Cement)	Litre	<b>150.00</b>
258	BMT-H.18	Integral Cement Waterproofing Compound: Conproof No.1/ Rainproof No.1/Conflow SNW2 or Zoriproof (Powder Form) (Dosage: 500 Grams per bag of 50 Kgs Cement) or Equivalent.	Kg	<b>23.00</b>
259	BMT-H.19	High plasticizing cement waterproofing liquid based on naphthalene formaldehyde: Conproof LW 200/ Rainproof LW SPL/Conflow SNW2 - 750 Grams or Zorishield 200 or Equivalent. (Dosage:200 ml per Bag of 50 Kgs Cement)	Litre	<b>90.00</b>
260	BMT-H.20	Block Admixture: Roofplast BA/ Conflow SNB or Zoriplast BA (Dosage: 20 ml to 25ml per bag of 50 Kgs Cement) or Equivalent.	Litre	<b>135.00</b>
261	BMT-H.21	Sprayed Concrete Accelerator: Shotset SN1 or Roofplast SA/ Zoriset SCA or Equivalent (Dosage: 500 ml – 2.5 Litres/bag of Cement).	Kg	<b>68.00</b>
262	BMT-H.22	Surface treatment water Based high power curing compounds: Curaid SN1 or Roofexure WB/Zoricure WB (Coverage: 5-6 Sq. Mtrs / Litre / Coat) or Equivalent.	Litre	<b>65.00</b>
263	BMT-H.23	Concrete wax based pigmented curing compound: Curaid SN2 or Roofexure WX/ Zoricure SB or Equivalent. (Coverage : 4-5 Sq. Mtrs / Litre / Coat )	Litre	<b>130.00</b>
264	BMT-H.24	Formwork & Mould Treatment: Roofcare MRA/ Shutterol SNU or Zorislip or Equivalent. (Coverage: 1 Litre Zorislip will cover approx 20 to 30 m2 on method and material of the form )	Litre	<b>135.00</b>
265	BMT-H.25	Cleaning and acid etching agents: Tilex Kleen AC/ Uniklen SN1 or Zorikleen AC or Equivalent.	Litre	<b>70.00</b>
266	BMT-H.26	Ready to use universal degreasing and cleaning agents: Tilex Kleen DA/ Uniklen SN2 or Zorikleen DA or Equivalent.	Litre	<b>75.00</b>
267	BMT-H.27	Liquid Cleaning Agent: Tilex Kleen LC/ Uniklen SN3 or Zorikleen LC or Equivalent.	Litre	<b>120.00</b>
268	BMT-H.28	Non-shrink Free flow high strength injection grout: Rapidstrong Grout GP2/ Expacrete SN50 or Zorigrout GP 2 or Equivalent. (Yield 13.5 Litres Per 25 Kgs Bag).	Kg	<b>32.00</b>
269	BMT-H.29	Non-shrink Free flow grout: Rapidstrong Grout GP3/Expacrete SN70 or Zorigrout GP 3	Kg	<b>34.00</b>

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1	2	3	4	5
270	BMT-H.30	Non-shrink Free flow grout: Rapidstrong Grout GP4/ Expacrete SN90 or Zorigrout GP 4	Kg	36.00
271	BMT-H.31	High strength cementitious non-shrink Free flow grout: Rapidstrong Grout Admix/ Expacem SN2 or Zorigrout GP 1 or Equivalent. (250 Grams per Bag of 50 Kgs Cement).	1 Kg pack	33.00
272	BMT-H.32	Low viscosity Epoxy resin injection grout (Two parts) :Rapidstrong Grout EP/Expacrete SNE 1 or Zorigrout EP or Equivalent.(Density 1.07 Kg Per Litre )	Kg	745.00
273	BMT-H.33	Epoxy Resin Grouts: Rapidstrong Grout EP3/ Expacrete SNE 3 or Zorigrout EP 3 or Equivalent.	Kg	158.00
274	BMT-H.34	High Power Polyester Resin Anchor Grout: Rapidstrong Grout AG/Anchoret SN1 or Zorifix or Equivalent. (Yield 0.5 Litres / 1 Kg Pack )	Kg	253.00
275	BMT-H.35	High strength, high polyester resin grouts – Rapidstrong AG Pride/Anchoret SN2 or Zorifix XL or Equivalent. ( Yield 0.5 Litres / 1 Kg Pack )	Kg	470.00
276	BMT-H.36	Non-metallic Floor Hardeners: Rapidstrong NH/Flortop SNC or Zorifloor DH or Equivalent. (Coverage: May be applied at rate 3.5 Kgs /m2 over green concrete for normal traffic & 6-12 Kg / M2 for heavy traffic. Higher application rates yield better abrasion resistance)	Kg	35.00
277	BMT-H.37	None oxidizing, heavy duty metallic Floor Hardeners: Rapidstrong FM/ Flortop SNS or Zorifloor NH or Equivalent.	Kg	28.00
278	BMT-H.38	Epoxy Floor coating: Procoat SNF or Food neutral Epoxy waterproof / damp proof coating: Roofcare EP/ Zoricoat EP or Equivalent. (Coverage : 70 to 80 SFT / Per Litre / coat)	Kg	491.00
279	BMT-H.39	Polysulphide modified epoxy coatings: Procoat SNS or Roofcare EPS/Zoricoat EPS or Equivalent (Coverage : 250 to 300 Grams / M2 and forms a DFT of 175 to 200 Micron)	Kg	492.00
280	BMT-H.40	Essen putty SNE or Epoxy putty - Roofcrete Putty EP/ Zoriputty EP or Equivalent	Kg	290.00
281	BMT-H.41	Zincrich epoxy resin primer - Roofguard ZP/Procoat SNZ or Zoriguard ZP or Equivalent (Coverage : 4-5 Sq.Mtr. /Litre / Coat)	Kg	428.00
282	BMT-H.42	Chemical resistance, fungus resistance water based polyurethane sterile coating : Roofcare PU/ Procoat SNL or Zoristerile or Equivalent ( Coverage : 60 to 65 SFT / 2 Coats / Litre)	Pack	750.00
283	BMT-H.43	Solvent free chemical resistant Epoxy self levelling (for food and pharmaceutical industry) Flooring system: Armstrong FL-SL/Flortop SNSL or Zorifloor SL or Equivalent. ( 8.25 to 0.30 M2 / Kg mix with 2mm thickness )	Kg	293.00
284	BMT-H.44	Self levelling self smoothing water based epoxy floor topping : Armstrong FL-SLW/Flortop SNSL-SPL or ZORIFLOOR SLW - 1.5-3mm or Equivalent (Coverage : 4.5m2 / 17 Kg Pack @ 2mm thickness depending on the substrate)	Kg	297.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
285	BMT-H.45	High build heavy duty epoxy resin floor coating: Armstrong HBF/ Flortop SNM or Zorifloor HB or Equivalent. (Coverage : Base coat 10- 12 m2/ 5 Kg @ 250 microns DFT )	Kg	<b>314.00</b>
286	BMT-H.46	Epoxy based repair mortar / concrete: Roofcrete EP/ Flortop SNFM or Zoricrete EP or Equivalent.	Litre	<b>398.00</b>
287	BMT-H.47	Solvent free Epoxy resin primer for floor coatings: Florcoat SNP or Roofbond EP Primer/ Zoriprime EP or Equivalent. (Coverage: 3 Kg unit covers about 13m2 for DFT of about 120 micron.)	Pack	<b>475.00</b>
288	BMT-H.48	Solvent free epoxy resin primer for protective coatings – Procoat SNC or Roofbond EPF Primer/ Zoriprime EPF or Equivalent (Coverage : 3 Kg unit covers about 13m2 for DFT of about 120 micron.)	Pack	<b>495.00</b>
289	BMT-H.49	Epoxy Primer for floor coatings and protective coatings - Procoat SNP or Roofbond EFC Primer/ Zoriprime EFC or Equivalent.	Pack	<b>550.00</b>
290	BMT-H.50	Epoxy primer for Hibond floor & protective coatings : Procoat SNP2 or Roofbond EFC2 Primer/ Zoriprime EFC 2	Pack	<b>725.00</b>
291	BMT-H.51	Cementitious Micro concrete Repair products: Reprecrete SNC or Roofcrete MC/Zoricrete MC or Equivalent.	Kg	<b>34.00</b>
292	BMT-H.52	Repair Products:Reprecrete SNE1 or Epoxy mortar - Roofcrete EP/Zoricrete EPM or Equivalent	Kg	<b>500.00</b>
293	BMT-H.53	Under water epoxy resin system for repair products: Reprecrete SNW or Roofcrete EUW/Zoricrete EUW or Equivalent.	Kg	<b>878.00</b>
294	BMT-H.54	Under water epoxy resin system mortar – Reprecrete SNW Mortar or Roofcrete EUW/Zoricrete EMU	Kg	<b>850.00</b>
295	BMT-H.55	Fast setting cement based plugging compound - Uniplug SN or Wonderseal Plug/Zoriplug or Equivalent ( Powder Form : mix with water direct application )	Kg	<b>80.00</b>
296	BMT-H.56	High durable cementitious acrylic based two pack Waterproofing systems: Aqua coat SNF or Roofbond RFX/Zoricoat RX or Equivalent. (12 – 14 m2 in two coats to achieve 1mm thickness )	Kg	<b>125.00</b>
297	BMT-H.57	Water Repellents: Aquarepel SN1 or Water based silicon water repellent, Nano technology - Rain care WR/ Zoripel WB or Equivalent	Litre	<b>675.00</b>
298	BMT-H.58	Tile Adhesives: Tilegrip SNU or Tilex/ Zorimix or Equivalent. (At 3mm thickness 7-9 Sqm / 25 Kgs )	Kg	<b>17.00</b>
299	BMT-H.59	Acrylic based Bonding Adhesives: Conbond SNA or Roofbond PB/ Zoribond PB or Equivalent. (Mix: 1:1 ratio of cement 50 SFT / Litre /coat depending on the substrate)	Litre	<b>140.00</b>
300	BMT-H.60	Epoxy based Bonding adhesive: Conbond SNE or Roofbond EP/Zoribond EP or Equivalent. (Coverage : 20 – 25 SFT / Kg /Coat)	Pack	<b>825.00</b>

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1	2	3	4	5
301	BMT-H.61	Supply of anti-corrosion admixture inhibitor liquid as per Central Electro Chemical Research Institute developed specification of Concure or Concure Plus or Roofplax SP 300/ Zoriplast AC Equivalent (200 ml to 500 ml per Bag of 50 Kgs Cement)	Litre	187.00
302	BMT-H.62	HI-BOND: Concrete Plasticizers: HI-PLAST 01 or Roofbond High plast ( Dosage : 100 ml Per Bag of 50 Kgs Cement)	Litre	150.00
303	BMT-H.63	Concrete Plasticizers: HI-PLAST 02 or Roofbond High plast – 2 (Dosage : 200 ml per bag of 50 Kgs Cement)	Litre	100.00
304	BMT-H.64	Concrete Plasticizers: HI-PLAST PA or Roofbond AC	Litre	102.00
305	BMT-H.65	Super Plasticizers: HI-PLAST SP or Roofbond SP 30	Litre	82.00
306	BMT-H.66	Super Plasticizers: HI-PLAST SP AR or Roofbond SP 40	Litre	102.00
307	BMT-H.67	Accelerating Plasticizers: HI-PLAST AR or Concrete plasticizing, water reducing and accelerating admixture - Roofbond PA (Dosage: 500 ml to 1000 ml Per Bag of 50 Kgs Cement) or Equivalent.	Litre	82.00
308	BMT-H.68	Retarding Plasticizers: HI-PLAST RT or Roofbond RT 30	Litre	80.00
309	BMT-H.69	Air Entraining Agents: HI-PLAST A.E or Roofbond AEA	Litre	150.00
310	BMT-H.70	Retarding Super Plasticizers: HI-PLAST SP RT or Roofbond SR 30	Litre	100.00
311	BMT-H.71	HI-PLAST RSP or Roofbond SR 40 or Equivalent.	Litre	110.00
312	BMT-H.72	Mortar Plasticizers: HI-PLAST MP or Roofbond MP ( Dosage : 100 ml Per Bag of 50 Kgs Cement)	Litre	160.00
313	BMT-H.73	Integral Water Proofing compounds: HI-PROOF (L) or Liquid Concentrated Micronized Cement Waterproofing Compound: Roofguard 500/Roofbond 500 (Dosage: 500 ml per bag of 50 Kgs Cement) or Equivalent.	Litre	90.00
314	BMT-H.74	HI-PROOF (P) or Conproof P/Roofbond - P or Equivalent (Dosage: 1 Kg Per Bag of 50 Kgs Cement).	Kg	25.00
315	BMT-H.75	or Roofbond 750 or Equivalent	Litre	70.00
316	BMT-H.76	Block Admixtures: HI-ADMIX or Roofbond BA or Equivalent ( Dosage : 20 ml Per bag of 50 Kgs Cement)	Litre	22.00
317	BMT-H.77	Sprayed Concrete Accelerators: HI-ACCEL or Roofbond SA or Equivalent. ( Dosage : 50 Grams to 1 Kg Per Bag of 50 Kgs Cement)	Kg	60.00
318	BMT-H.78	Surface Treatments curing compounds: HI-CURE 01 or Roofex WB /Roofcoat/ Zoricoat	Litre	475.00
319	BMT-H.79	Surface Treatments Polyurethane curing compounds: HI-CURE 02 or Roofex WXB/ Roofcare PU/ Zoricoat PU	Litre	300.00
320	BMT-H.80	Surface Treatments Crystalline Repair Products: HI-CRM or Roofex GP2 or Zoripex Equivalent	Kg	32.00
321	BMT-H.81	Polyurethane Sealant - Roof seal PU/ Zoriseal PUHI-CRM EX or Roofex EC or Equivalent	Kg	687.00
322	BMT-H.82	Polyurethane Sealant - Roof seal PS/ Zoriseal PS/HI-CRM EXW or Roofex EW or Equivalent.	Kg	625.00
323	BMT-H.83	HI-CRM EX M or Structural graded polymer modified reinstatement concrete / mortar – Roofcrete AR/ Zoricrete CMG or Equivalent	Kg	78.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
324	BMT-H.84	Water Proofing: HI-SHIELD or Liquid applied single component, elastomeric waterproofing membrane coating with -Rain seal/ Zoricoat XL or Equivalent. (Coverage : 50 to 60 SFT Per Litre / Coat ) ( for brush / spray application add 20% water per Litre ) As a primer coat application dilute with water @ of 1: 1 ratio recommended.	Litre	350.00
325	BMT-H.85	Water Repellents: HI-REPEL or Solvent based silicon water repellent compound - Roofcare WR/Zoripel SB or Equivalent. (Direct application )	Litre	325.00
326	BMT-H.86	Tile Adhesives: HI-ADHESIVE or High strength tile adhesive (tile on tile): Tilex Grout Hi- Grip/ Zorimix Hi-Grip or Equivalent. ( At 3mm thickness 7-9 Sqm / 25 Kgs )	Kg	22.00
327	BMT-H.87	Supply of Concure-XL Anti Corrosion and leak proof Crack Proof ,Water Proof ,Concrete Hardener Admixture liquid Dosage (200 ml to 250 ml per Bag of Cement	Litre	275.00
328	BMT-H.88	HI-FIX HFE or Epoxy tile mortar - Tilex EH/ Zorimix EH or Equivalent	Pack	130.00
329	BMT-H.89	HI-BOND Wall Putty Normal or Grey cement based Gypsum Plaster – Wall strong GP/Zoritek GP or Equivalent (Coverage : 35 to 40 SFT per bag of 40 Kgs Pack)	Kg	13.00
330	BMT-H.90	HI-BOND Wall Putty Fine or Portland cement based plaster finish surface for interior – Wall strong PC/ Zoritek PC or Equivalent.	Kg	14.00
331	BMT-H.91	HI-BOND Wall Putty Super Fine or Acrylic based ready to use surface (white / off white) -Wall strong WC/ Zoritek WC or Equivalent. (At 1.5 to 2mm thickness 100 - 125 SFT Per Bag of 25 Kgs Pack )	Kg	15.00
332	BMT-H.92	HI-BOND Wall Putty Super Fine (Water Resistant) or Smooth crack free, water resistant finish plaster Wall strong WP/ Zoritek WP or Equivalent	Kg	39.00
333	BMT-H.93	POLY-SULPHIDE, BITUMINOUS HOT SEALING COMPOUND: Grade 'A' I.S.I excluding ST or Rainseal BS/ Zoriseal BS Grade 'A' or Equivalent	1 Kg	90.00
334	BMT-H.94	Bitumen solution primer of approved quality: Rainseal BT primer/ Zoriprime BT or Equivalent.	1 Kg	80.00
335	BMT-H.95	Tarfelt Rainseal Felt/ Zorifelt BT Type : 2 Grade : 1 or Equivalent	1 sqm	120.00
336	BMT-H.96	Supply and application of Liquid admixture for concrete with high resistance against water ingress and having surface active agents & refined lignosulphonate Rheomac 707 of BASF	1 Litre	92.00
337	BMT-H.97	Supply and application of two component acrylic modified cementitious system for forming coating to waterproof and resurface concrete, masonry and other construction materials waterproof and flexible coating MASTERSEAL 550 GREY of BASF	1 Kg	69.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
338	BMT-H.98	Supply and application of Elastomeric flexible two component polymers modified cementitious system for forming waterproof coating on concrete, masonry & other construction material up to 2mm thick MS550 EL membrane and reinforced with 100% virgin polypropylene woven fabric MASTERSEAL 550 EL of BASF	1 Kg	82.00
339	BMT-H.99	Supply and application of grey cementitious powder polymer additive and cement-based adhesive for fixing ceramic & vitrified wall and floor tiles, quarry tiles and similar materials MASTERTILE 25 of BASF	1 Kg	21.00
340	BMT-H.100	Supply and application of premixed, non-metallic, ready to use powder, designed for application as a dry shake over freshly floated concrete floors or floor screeds to obtain a monolithic floor with enhanced abrasion resistance MASTERTOP 100 (GREY) of BASF	1 Kg	21.00
341	BMT-H.101	Supply and application of synthetic polymers to impart rheoplastic qualities to concrete RHEOBUILD 920 (SH) of BASF	1 Kg	63.00
342	BMT-H.102	Supply of Concare-Plus Admixture Anti Corrosion and leak proof Weather Proof, Concrete Hardener Admixture. Dosage (200 ml to 250 ml per Bag of Cement )	1 Litre	250.00
343	BMT-H.103	Supply of Concare-LP polymer based, leak proof, Admixture liquid, dosage (250 ml to 300 ml per Bag of Cement )	1 Litre	180.00
344	BMT-H.104	Supply Con- life –Water Proof, Leak Proof, Concrete Hardener, Rust Proof, Admixture Liquid Dosage (200 ml to 250 ml per Bag of Cement )	1 Litre	270.00
345	BMT-H.105	Supply of Contech – 2000 bio Product (Powder) Anti Corrosion leak proof, Crack Proof, Chemical Resistant, whether proof, inhibitor liquid. Dosage (5 to 10% of cement weight Cement ) and 15% in serve environmental Condition like marine structures / coastal structures and chemical structures, Godowns, effect	1 Kg	290.00
346	BMT-H.106	Supply of Con – Cura Self Curing Agent Admixture for Concrete. Dosage (100 ml – 250ml per bag (50kgs) of cement depending on the atmospheric temperature and humidity)	1 Litre	1,200.00
347	BMT-H.107	Supply of Con – Grout Epoxy Pourable Crack / Gap Filling Grout System. Dosage (Varies with climate, Site / Substrate Status. Average density is 1.20 Kg / Ltr (System)	1 Kg	3,300.00
348	BMT-H.108	Supply of Con Mix – XL Liquid super Plasticizer And Waterproofing With Anti Corrosive properties. Dosage (100 ML – 1ltr Per bag (50Kg)of Cement) Dosage Should be finalized after initial site trials	1 Litre	450.00
<b>I</b>		<b>GLASS</b>		
349	BMT-I.01	Plain Float Glass 4 mm thick	1 sqm	412.00
350	BMT-I.02	Plain Float Glass 5 mm thick	1 sqm	521.00
351	BMT-I.03	Plain Float Glass 6 mm thick	1 Sqm	647.00
352	BMT-I.04	Plain Float Glass 8 mm thick	1 Sqm	870.00
353	BMT-I.05	Plain Float Glass 10 mm thick	1 Sqm	916.00
354	BMT-I.06	Plain Float Glass 12 mm thick	1 Sqm	1099.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
355	BMT-I.07	Tinted - Bronze/ Green Glass 4 mm thick	1 sqm	481.00
356	BMT-I.08	Tinted - Bronze/ Green Glass 5 mm thick	1 sqm	601.00
357	BMT-I.09	Tinted - Bronze/ Green Glass 6 mm thick	1 Sqm	721.00
358	BMT-I.10	Tinted - Bronze/ Green Glass 8 mm thick	1 Sqm	1031.00
359	BMT-I.11	Tinted - Bronze/ Green Glass 10 mm thick	1 Sqm	1202.00
360	BMT-I.12	Tinted - Bronze/ Green Glass 12 mm thick	1 Sqm	1443.00
361	BMT-I.13	Pin headed Glass 4 mm thick	1 sqm	309.00
362	BMT-I.14	Pin headed Glass 5 mm thick	1 sqm	401.00
363	BMT-I.15	Frosted / Ground Glass 4 mm thick	1 sqm	555.00
364	BMT-I.16	Frosted / Ground Glass 5 mm thick	1 sqm	697.00
365	BMT-I.17	Toughened Plain Glass 5 mm (including Glass)	1 sqm	836.00
366	BMT-I.18	Toughened Plain Glass 6 mm (including Glass)	1 sqm	965.00
367	BMT-I.19	Toughened Plain Glass 8 mm (including Glass)	1 sqm	1287.00
368	BMT-I.20	Toughened Plain Glass 10 mm (including Glass)	1 sqm	1543.00
369	BMT-I.21	Toughened Plain Glass 12 mm (including Glass)	1 sqm	1801.00
<b>J</b>		<b>PAINTS &amp; POLISHES</b>		
370	BMT-J.01	Supply of water based Cement Primer of Interior Grade- 1	1 Kg	134.00
371	BMT-J.02	Supply of water based Cement Primer of Exterior Grade- 2	1 Kg	80.00
372	BMT-J.03	Supply of Red Oxide Primer Paint for iron works of Grade -1	1 Litre	121.00
373	BMT-J.04	Supply of Zinc Chromate Yellow Oxide Primer paint for iron works	1 Litre	175.00
374	BMT-J.05	Supply of Wood Primer	1 Litre	135.00
375	BMT-J.06	Supply of Metal paste (Putty) for steel works	1 Kg	135.00
376	BMT-J.07	Supply of Putty for wood work	1 Kg	135.00
377	BMT-J.08	Supply of White Lead	1 Kg	97.00
378	BMT-J.09	Supply of Synthetic clear Varnish	1 Litre	135.00
379	BMT-J.10	Supply of Spirit	1 Litre	95.00
380	BMT-J.11	Supply of Linseed Oil	1 Litre	54.00
381	BMT-J.12	Supply of thinner for melamine polish/ French polish	1 Litre	125.00
382	BMT-J.13	Supply of thinner for Polyurethane polish	1 Litre	256.00
383	BMT-J.14	Supply of French Polish	1 Litre	177.00
384	BMT-J.15	Supply of readymade Wax Polish	1 Kg	540.00
385	BMT-J.16	Supply of Melamine Polish	1 Litre	299.00
386	BMT-J.17	Supply of Interior Grade Polyurethane Polish	1 Litre	608.00
387	BMT-J.18	Supply of Exterior Grade Polyurethane Polish	1 Litre	743.00
388	BMT-J.19	Supply of wood adhesive compound	1 Kg	211.00
389	BMT-J.20	Supply of Dry Powder Distemper	1 Kg	40.00
390	BMT-J.21	Supply of acrylic based Oil Bound washable Distemper having VOC (Volatile Organic Compound ) content less than 50 grams/ litre	1 Kg	81.00
391	BMT-J.22	Supply of synthetic polymer plastic emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams/ litre.	1 Litre	244.00
392	BMT-J.23	Supply of synthetic polymer luxury plastic emulsion paint of superior grade having VOC (Volatile Organic Compound) content less than 50 grams/ litre.	1 Litre	405.00
393	BMT-J.24	Supply of Water proof Cement paint	1 Kg	47.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
394	BMT-J.25	Supply of acrylic exterior emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams/ litre.	1 Litre	<b>183.00</b>
395	BMT-J.26	Supply of water proof Cement paint pack	25 Kg	<b>1,106.00</b>
396	BMT-J.27	Supply of paint grade white lime for wash	25 Kg	<b>515.00</b>
397	BMT-J.28	Supply of anti-corrosive grade - 1 bitumen paint of black colour	1 Litre	<b>487.00</b>
398	BMT-J.29	Supply of grade-1 aluminium paint	1 Litre	<b>244.00</b>
399	BMT-J.30	Supply of ready mixed Synthetic Enamel paints in all shades Grade - I having VOC (Volatile Organic Compound) content less than 50 grams/ litre.	1 Litre	<b>230.00</b>
400	BMT-J.31	Supply of ready mixed Synthetic Enamel paints in all shades Grade - II having VOC (Volatile Organic Compound) content less than 50 grams/ litre.	1 Litre	<b>175.00</b>
401	BMT-J.32	<b>Deleted</b>		
402	BMT-J.33	<b>Deleted</b>		
403	BMT-J.34	<b>Deleted</b>		
404	BMT-J.35	<b>Deleted</b>		
405	BMT-J.36	<b>Deleted</b>		
406	BMT-J.37	<b>Deleted</b>		
407	BMT-J.38	<b>Deleted</b>		
408	BMT-J.39	<b>Deleted</b>		
409	BMT-J.40	Supply of wall putty of White Cement or Polymer or Cement based	20 Kg	<b>650.00</b>
410	BMT-J.41	Altek / PMCC or Equivalent top coat high UV resistant exterior paint	25 Kg	<b>1,464.00</b>
411	BMT-J.42	Altek / PMCC / Deco orient base or Equivalent exterior Texture.	25 Kg	<b>631.00</b>
412	BMT-J.43	Altek / PMCC or Equivalent Gold line Exterior Texture	25 Kg	<b>1,112.00</b>
413	BMT-J.44	<b>Deleted</b>	1 Sqm	<b>Deleted</b>
414	BMT-J.45	<b>Deleted</b>	1 Sqm	<b>Deleted</b>
415	BMT-J.46	<b>Deleted</b>	1 Sqm	<b>Deleted</b>
416	BMT-J.47	<b>Deleted</b>	1 Sqm	<b>Deleted</b>
417	BMT-J.48	<b>Deleted</b>	1 Sqm	<b>Deleted</b>
418	BMT-J.49	<b>Deleted</b>	1 Sqm	<b>Deleted</b>
419	BMT-J.50	<b>Deleted</b>	1 Sqm	<b>Deleted</b>
420	BMT-J.51	<b>Deleted</b>	1 Sqm	<b>Deleted</b>
<b>K</b>		<b>PARTICLE BOARDS</b>		
421	BMT-K.01	Plain Particle Board: Interior Grade - 6 mm thick	1 Sqm	<b>243.00</b>
422	BMT-K.02	Plain Particle Board: Interior Grade - 8 mm thick	1 Sqm	<b>261.00</b>
423	BMT-K.03	Plain Particle Board: Interior Grade - 10 mm thick	1 Sqm	<b>287.00</b>
424	BMT-K.04	Plain Particle Board: Interior Grade - 12 mm thick	1 Sqm	<b>305.00</b>
425	BMT-K.05	Plain Particle Board: Interior Grade - 18 mm thick	1 Sqm	<b>376.00</b>
426	BMT-K.06	Plain Particle Board: Interior Grade - 21.4 mm thick	1 Sqm	<b>444.00</b>
427	BMT-K.07	Plain Particle Board: Interior Grade - 25 mm thick	1 Sqm	<b>469.00</b>
428	BMT-K.08	Plain Particle Board: Interior Grade - 35 mm thick	1 Sqm	<b>818.00</b>
429	BMT-K.09	Plain Particle Board: Exterior Grade- 8 mm thick	1 Sqm	<b>305.00</b>
430	BMT-K.10	Plain Particle Board: Exterior Grade-12 mm thick	1 Sqm	<b>339.00</b>
431	BMT-K.11	Plain Particle Board: Exterior Grade-18 mm thick	1 Sqm	<b>444.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
432	BMT-K.12	Plain Particle Board: Exterior Grade-21.4 mm thick	1 Sqm	521.00
433	BMT-K.13	Plain Particle Board: Exterior Grade-25 mm thick	1 Sqm	591.00
434	BMT-K.14	Plain Particle Board: Exterior Grade-35 mm thick	1 Sqm	965.00
435	BMT-K.15	Melamine faced Single Deco PPB- 8 mm thick	1 Sqm	631.00
436	BMT-K.16	Melamine faced Single Deco PPB- 12 mm thick	1 Sqm	716.00
437	BMT-K.17	Melamine faced Single Deco PPB- 18 mm thick	1 Sqm	830.00
438	BMT-K.18	Melamine faced Single Deco PPB- 25 mm thick	1 Sqm	940.00
439	BMT-K.19	Melamine faced Single Deco PPB- 35 mm thick	1 Sqm	1,564.00
440	BMT-K.20	Melamine faced Twin Deco PPB- 8 mm thick	1 Sqm	726.00
441	BMT-K.21	Melamine faced Twin Deco PPB- 12 mm thick	1 Sqm	830.00
442	BMT-K.22	Melamine faced Twin Deco PPB-18 mm thick	1 Sqm	960.00
443	BMT-K.23	Melamine faced Twin Deco PPB-25 mm thick	1 Sqm	1,063.00
444	BMT-K.24	Melamine faced Twin Deco PPB-35 mm thick	1 Sqm	1,998.00
445	BMT-K.25	Natural Colour-Insulating Board - 12 mm thick	1 Sqm	235.00
446	BMT-K.26	Natural Colour-Insulating Board - 18 mm thick	1 Sqm	347.00
447	BMT-K.27	Natural Colour-Insulating Board - 25 mm thick	1 Sqm	443.00
448	BMT-K.28	White Insulating Board - 12 mm thick	1 Sqm	287.00
449	BMT-K.29	White Insulating Board - 18 mm thick	1 Sqm	410.00
450	BMT-K.30	White Insulating Board - 25 mm thick	1 Sqm	364.00
451	BMT-K.31	Extra for veneered particle Board with commercial veneering on both sides.	1 Sqm	140.00
452	BMT-K.32	Extra for veneered particle Board with Veneering on both sides with one side teak veneered and other side commercial veneered	1 Sqm	294.00
453	BMT-K.33	Extra for veneered particle Board with Teak veneering on both sides	1 Sqm	461.00
454	BMT-K.34	Medium Fibre Board: Interior Grade - 6 mm thick	1 Sqm	384.00
455	BMT-K.35	Medium Fibre Board: Interior Grade - 8 mm thick	1 Sqm	435.00
456	BMT-K.36	Medium Fibre Board: Interior Grade - 12 mm thick	1 Sqm	583.00
457	BMT-K.37	Medium Fibre Board: Interior Grade - 15 mm thick	1 Sqm	740.00
458	BMT-K.38	Medium Fibre Board: Interior Grade - 18 mm thick	1 Sqm	826.00
459	BMT-K.39	Medium Fibre Board: Interior Grade - 25 mm thick	1 Sqm	1,174.00
460	BMT-K.40	Medium Fibre Board: Interior Grade - 30 mm thick	1 Sqm	1,418.00
461	BMT-K.41	Medium Fibre Board: Interior Grade - 35 mm thick	1 Sqm	1,547.00
462	BMT-K.42	Medium Fibre Board: Exterior Grade - 6 mm thick	1 Sqm.	522.00
463	BMT-K.43	Medium Fibre Board: Exterior Grade - 8 mm thick	1 Sqm.	608.00
464	BMT-K.44	Medium Fibre Board: Exterior Grade - 12 mm thick	1 Sqm.	805.00
465	BMT-K.45	Medium Fibre Board: Exterior Grade - 15 mm thick	1 Sqm.	1,011.00
466	BMT-K.46	Medium Fibre Board: Exterior Grade - 18 mm thick	1 Sqm.	1,132.00
467	BMT-K.47	Medium Fibre Board: Exterior Grade - 25 mm thick	1 Sqm.	1,509.00
468	BMT-K.48	Medium Fibre Board: Exterior Grade - 30 mm thick	1 Sqm.	1,879.00
469	BMT-K.49	Medium Fibre Board: Exterior Grade - 35 mm thick	1 Sqm.	2,220.00
470	BMT-K.50	MDF Board: Plain-Interior - 9 mm thick	1 Sqm	352.00
471	BMT-K.51	MDF Board: Plain-Interior - 12 mm thick	1 Sqm	400.00
472	BMT-K.52	MDF Board: Plain-Interior - 18 mm thick	1 Sqm	495.00
473	BMT-K.53	MDF Board: Plain-Interior - 25 mm thick	1 Sqm	595.00
474	BMT-K.54	MDF Board: Plain-Interior - 30 mm thick	1 Sqm	906.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
475	BMT-K.55	MDF Board: Plain-Interior - 35 mm thick	1 Sqm	<b>1,071.00</b>
476	BMT-K.56	MDF Board: Plain-Exterior - 9 mm thick	1 Sqm	<b>460.00</b>
477	BMT-K.57	MDF Board: Plain-Exterior - 12 mm thick	1 Sqm	<b>495.00</b>
478	BMT-K.58	MDF Board: Plain-Exterior - 18 mm thick	1 Sqm	<b>650.00</b>
479	BMT-K.59	MDF Board: Plain-Exterior - 25 mm thick	1 Sqm	<b>815.00</b>
480	BMT-K.60	MDF Board: Plain-Exterior - 30 mm thick	1 Sqm	<b>1,071.00</b>
481	BMT-K.61	MDF Board: Plain-Exterior - 35 mm thick	1 Sqm	<b>1,235.00</b>
482	BMT-K.62	MDF Board: Interior-One Side Laminated -9 mm thick	1 Sqm	<b>552.00</b>
483	BMT-K.63	MDF Board: Interior-One Side Laminated -12 mm thick	1 Sqm	<b>624.00</b>
484	BMT-K.64	MDF Board: Interior-One Side Laminated -18 mm thick	1 Sqm	<b>725.00</b>
485	BMT-K.65	MDF Board: Interior-One Side Laminated -25 mm thick	1 Sqm	<b>815.00</b>
486	BMT-K.66	MDF Board: Interior-One Side Laminated -30 mm thick	1 Sqm	<b>1,178.00</b>
487	BMT-K.67	MDF Board: Interior-One Side Laminated -35 mm thick	1 Sqm	<b>1,257.00</b>
488	BMT-K.68	MDF Board: Exterior-One Side Laminated -9 mm thick	1 Sqm	<b>634.00</b>
489	BMT-K.69	MDF Board: Exterior-One Side Laminated -12 mm thick	1 Sqm	<b>711.00</b>
490	BMT-K.70	MDF Board: Exterior-One Side Laminated -18 mm thick	1 Sqm	<b>807.00</b>
491	BMT-K.71	MDF Board: Exterior-One Side Laminated -25 mm thick	1 Sqm	<b>943.00</b>
492	BMT-K.72	MDF Board: Exterior-One Side Laminated -30 mm thick	1 Sqm	<b>1,257.00</b>
493	BMT-K.73	MDF Board: Exterior-One Side Laminated -35 mm thick	1 Sqm	<b>1,335.00</b>
494	BMT-K.74	MDF Board: Interior-Both Side Laminated -9 mm thick	1 Sqm	<b>630.00</b>
495	BMT-K.75	MDF Board: Interior-Both Side Laminated -12 mm thick	1 Sqm	<b>711.00</b>
496	BMT-K.76	MDF Board: Interior-Both Side Laminated -18 mm thick	1 Sqm	<b>815.00</b>
497	BMT-K.77	MDF Board: Interior-Both Side Laminated -25 mm thick	1 Sqm	<b>1,024.00</b>
498	BMT-K.78	MDF Board: Interior-Both Side Laminated -30 mm thick	1 Sqm	<b>1,257.00</b>
499	BMT-K.79	MDF Board: Interior-Both Side Laminated -35 mm thick	1 Sqm	<b>1,335.00</b>
500	BMT-K.80	MDF Board: exterior-Both Side Laminated -9 mm thick	1 Sqm	<b>711.00</b>
501	BMT-K.81	MDF Board: exterior-Both Side Laminated -12 mm thick	1 Sqm	<b>806.00</b>
502	BMT-K.82	MDF Board: exterior-Both Side Laminated -18 mm thick	1 Sqm	<b>953.00</b>
503	BMT-K.83	MDF Board: exterior-Both Side Laminated -25 mm thick	1 Sqm	<b>1,042.00</b>
504	BMT-K.84	MDF Board: exterior-Both Side Laminated -30 mm thick	1 Sqm	<b>1,319.00</b>
505	BMT-K.85	MDF Board: exterior-Both Side Laminated -35 mm thick	1 Sqm	<b>1,414.00</b>
506	BMT-K.86	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276-6 mm thick	1 sqm	<b>191.00</b>
507	BMT-K.87	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276-8 mm thick	1 sqm	<b>231.00</b>
508	BMT-K.88	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276-10 mm thick	1 sqm	<b>291.00</b>
509	BMT-K.89	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276-12 mm thick	1 sqm	<b>356.00</b>
510	BMT-K.90	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276-16 mm thick	1 sqm	<b>469.00</b>
511	BMT-K.91	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276-20 mm thick	1 sqm	<b>586.00</b>
512	BMT-K.92	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276-25 mm thick	1 sqm	<b>733.00</b>
513	BMT-K.93	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276-30 mm thick	1 sqm	<b>876.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
514	BMT-K.94	CEMENT BONDED PARICLE BOARD CONFORMING TO IS 14276-40 mm thick	1 sqm	<b>1,171.00</b>
515	BMT-K.95	PRE LAMINATEDCEMENT BONDEDPARTICLE BOARD-6 mm thick	1 sqm	<b>541.00</b>
516	BMT-K.96	PRE LAMINATEDCEMENT BONDEDPARTICLE BOARD-8 mm thick	1 sqm	<b>584.00</b>
517	BMT-K.97	PRE LAMINATEDCEMENT BONDEDPARTICLE BOARD- 10 mm thick	1 sqm	<b>627.00</b>
518	BMT-K.98	PRE LAMINATEDCEMENT BONDEDPARTICLE BOARD- 12 mm thick	1 sqm	<b>686.00</b>
519	BMT-K.99	PRE LAMINATEDCEMENT BONDEDPARTICLE BOARD- 16 mm thick	1 sqm	<b>763.00</b>
520	BMT-K.100	BISON DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4'- 6mm thick	1 sqm	<b>193.00</b>
521	BMT-K.101	BISON DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4'- 8mm thick	1 sqm	<b>353.00</b>
522	BMT-K.102	BISON DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4'- 10mm thick	1 sqm	<b>316.00</b>
523	BMT-K.103	BISON DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4'- 12mm thick	1 sqm	<b>378.00</b>
524	BMT-K.104	BISON DESIGNER BOARD Available Designs 1. Lumber 2. Quadra 3. Murk Standard size 8'X4' 10'X4'- 16mm thick	1 sqm	<b>498.00</b>
525	BMT-K.105	V-Board-Cement Bonded Board - 4mm Thick	1 Sqm	<b>148.00</b>
526	BMT-K.106	V-Board-Cement Bonded Board - 6mm Thick	1 Sqm	<b>213.00</b>
527	BMT-K.107	V-Board-Cement Bonded Board - 8mm Thick	1 Sqm	<b>274.00</b>
528	BMT-K.108	V-Board-Cement Bonded Board - 10mm Thick	1 Sqm	<b>315.00</b>
529	BMT-K.109	V-Board-Cement Bonded Board - 12mm Thick	1 Sqm	<b>392.00</b>
530	BMT-K.110	V-Board-Cement Bonded Board - 14mm Thick	1 Sqm	<b>439.00</b>
531	BMT-K.111	V-Board-Cement Bonded Board - 16mm Thick	1 Sqm	<b>499.00</b>
532	BMT-K.112	V-Board-Cement Bonded Board - 18mm Thick	1 Sqm	<b>566.00</b>
533	BMT-K.113	V-Board-Cement Bonded Board - 20mm Thick	1 Sqm	<b>599.00</b>
534	BMT-K.114	Laminate Sheets - Glossy Finish: 1.00 mm thick	1 Sqm	<b>376.00</b>
535	BMT-K.115	Laminate Sheets - Glossy Finish: 1.50 mm thick	1 Sqm	<b>539.00</b>
536	BMT-K.116	Laminate Sheets - Glossy Finish: 1.80 mm thick	1 Sqm	<b>591.00</b>
537	BMT-K.117	Laminate Sheets - Mat Finish: 1.00 mm thick	1 Sqm	<b>400.00</b>
538	BMT-K.118	Laminate Sheets - Mat Finish: 1.50 mm thick	1 Sqm	<b>556.00</b>
539	BMT-K.119	Laminate Sheets - Mat Finish: 1.80 mm thick	1 Sqm	<b>600.00</b>
540	BMT-K.120	Teak Veneer Lamination - 4 mm thick - Pencil Grains	1 Sqm	<b>420.00</b>
541	BMT-K.121	Teak Veneer Lamination - 4 mm thick - Natural Grains	1 Sqm	<b>774.00</b>
542	BMT-K.122	8 mm thick V-Designer Board	1 Sqm	<b>380.00</b>
543	BMT-K.123	50 mm thick V-PANEL	1 Sqm	<b>1,000.00</b>
544	BMT-K.124	75 mm thick V-PANEL	1 Sqm	<b>1,200.00</b>
<b>L</b>		<b>PLYWOOD</b>		
539	BMT-L.01	3 Ply - 4 mm thick Plywood(IS:303) MR Grade	1 Sqm	<b>370.00</b>
540	BMT-L.02	5 Ply - 6 mm thick Plywood(IS:303) MR Grade	1 Sqm	<b>408.00</b>
541	BMT-L.03	5 Ply - 8 mm thick Plywood(IS:303) MR Grade	1 Sqm	<b>480.00</b>
542	BMT-L.04	5 Ply - 9 mm thick Plywood(IS:303) MR Grade	1 Sqm	<b>480.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
543	BMT-L.05	9 Ply - 12 mm thick Plywood(IS:303) MR Grade	1 Sqm	602.00
544	BMT-L.06	9 Ply - 15 mm thick Plywood(IS:303) MR Grade	1 Sqm	886.00
545	BMT-L.07	9 Ply - 18 mm thick Plywood(IS:303) MR Grade	1 Sqm	869.00
546	BMT-L.08	3 Ply - 4 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	423.00
547	BMT-L.09	5 Ply - 6 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	496.00
548	BMT-L.10	5 Ply - 8 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	618.00
549	BMT-L.11	5 Ply - 9 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	584.00
550	BMT-L.12	9 Ply - 12 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	763.00
551	BMT-L.13	9 Ply - 15 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	1,095.00
552	BMT-L.14	9 Ply - 19 mm thick Plywood(IS:303) BWR/BWP Grade	1 Sqm	1,099.00
553	BMT-L.15	3 Ply-4 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	547.00
554	BMT-L.16	5 Ply - 6 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	713.00
555	BMT-L.17	5 Ply - 9 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	914.00
556	BMT-L.18	9 Ply - 13 mm thick One side Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	1,164.00
557	BMT-L.19	5 Ply - 9 mm thick Both sides Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	1,192.00
558	BMT-L.20	9 Ply - 12 mm thick Both sides Teak Veneer Decorated Plywood (IS:1328)	1 Sqm	1,390.00
<b>M</b>		<b>CEILINGS, WALL PARTITIONS &amp; WALL LININGS</b>		
559	BMT-M.01	Gypsum Board tiles of size not less than 0.595 M x 0.595 M of 12.5 mm thick as per IS 2095 -1992	1 Sqm	255.00
560	BMT-M.02	Gypsum Board tiles of size not less than 0.595 M x 0.595 M of 9 mm thick as per IS 2095 -1992	1 Sqm	249.00
561	BMT-M.03	Gypsum Board Plain sheet 12.5 mm thick as per IS 2095 -1993	1 Sqm	232.00
562	BMT-M.04	G.I. Ceiling Angle - 25 mm x 10 mm x 0.55 mm	1 RM	69.00
563	BMT-M.05	G.I. Ceiling Section 51.5 mm x 26 mm x 10.5 mm x 0.55 mm thick	1 RM	79.00
564	BMT-M.06	G.I. Intermediate Section 45 mm x 15 mm x 15 mm x 0.9 mm	1 RM	78.00
565	BMT-M.07	G.I. Perimeter Channel - 20 mm x 27 mm x 30 mm (web) of 0.55 mm thick	1 RM	69.00
566	BMT-M.08	G.I.- Precoated Fine line Grid 25 mm x 25 mm x 0.7 mm	1 RM	38.00
567	BMT-M.09	G.I.- Precoated Fine line Grid 15 mm x 25 mm x 0.7 mm	1 RM	35.00
568	BMT-M.10	GI - Precoated - T-Sec- 24 mm x 38 mm x 0.7 mm thick	1 RM	50.00
569	BMT-M.11	Hot dipped GI Angle - - Grid: 19 mm x 19 mm	1 RM	37.00
570	BMT-M.12	Polyester painted GI - T Section - 24 x 32 mm	1 RM	47.00
571	BMT-M.13	Polyester painted GI - T Section - 24 x 25 mm	1 RM	42.00
572	BMT-M.14	Polyester painted GI - T Section - 24 mm x 27 mm	1 RM	43.00
573	BMT-M.15	Aluminium Angle : 24 mm x 24 mm	1 RM	24.00
574	BMT-M.16	Anodised Aluminium T Section : 24 x 24.5 x 2.4 mm	1 RM	32.00
575	BMT-M.17	Connecting Clips	1 Each	2.00
576	BMT-M.18	Rawl Plug	1 Each	2.00
577	BMT-M.19	6 mm Nylon Rawl Plug	1 Each	3.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
578	BMT-M.20	Soffit Cleats	1 Each	<b>2.00</b>
579	BMT-M.21	Drywall Screws - 25 mm	1 Each	<b>2.00</b>
580	BMT-M.22	Jointing Compound	1 Kgs	<b>27.00</b>
581	BMT-M.23	Jointing Paper Tape	1 RM	<b>5.00</b>
582	BMT-M.24	Drywall Top Coat	1 Litre	<b>133.00</b>
583	BMT-M.25	Universal Holding Clips	1 Each	<b>3.00</b>
584	BMT-M.26	4 mm Dia GI Connecting Rod	1 RM	<b>11.00</b>
585	BMT-M.27	2 mm Dia GI Connecting Rod	1 RM	<b>9.00</b>
586	BMT-M.28	14 mm - Mineral Fibre sheet 600 x 600 of beauty-Sky (Board / Tegular) Edge tiles with a Humidity Resistance of 80% RH, Average NRC 0.50, Light Reflectance >80%, Thermal Conductivity $\lambda = 0.052$ to $0.057$ w/mk, Fire Performance Class 0/Class 1	1 Sqm	<b>410.00</b>
587	BMT-M.29	15 mm - Mineral Fibre sheet 600 x 600 of fissured-ANF (Board / Tegular) Edge tiles with a Humidity Resistance of 90% RH, Average NRC 0.50, Light Reflectance >80%, Thermal Conductivity $\lambda = 0.052$ to $0.057$ w/mk, Fire Performance Class 0/Class 1	1 Sqm	<b>479.00</b>
588	BMT-M.30	16 mm - Tegular Edge 600 x 600 of MINATUFF (Board / Tegular/ Micro look) Edge tiles with a Humidity Resistance of 99% RH, Average NRC 0.60, Light Reflectance >88%, Thermal Conductivity $\lambda = 0.052$ to $0.057$ w/mk, Fire Performance Class 0/Class 1	1 Sqm	<b>516.00</b>
589	BMT-M.31	12 mm - Mineral Fibre sheet 600 x 600 (Square / Tegular) Edge tiles	1 Sqm	<b>317.00</b>
590	BMT-M.32	15 mm - Mineral Fibre sheet 600 x 600 (Square / Tegular) Edge tiles	1 Sqm	<b>400.00</b>
591	BMT-M.33	Perforated wall panels ARMSTRONG channelled wood works sheets of width 128 mm, thickness of 16mm and length 2440 mm made of a high density particle board substrate with a laminated facing as per the approved shade/ species & finish and a melamine balancing layer on the reverse side, with a special perforation pattern "Helmholtz" fluted perforation on the visible surface with a minimum sag resistance of RH90 and a fire rating class of 1 as per Part 7 of BS 476 with a "tongue-and-grooved" edges and the back of the perforated panel is with sound absorbing non-woven acoustical fleece	1 Sqm	<b>2,556.00</b>
592	BMT-M.34	Armstrong VARIT PUR Vinyl Flooring Sheet manufactured by Armstrong World Industries, Inc, of size 1.83 m width having a nominal total thickness of 2 mm with a wearing surface impregnated polyurethane homogeneous mixture of PVC, Plasticizers, Urethane, colour pigments, filler calendared, pattern, with wearing Resistance as per EN 660-2, Fire Resistance of more than 11kW/m <sup>2</sup> as per ISO 9329-1 Critical Radiant Flux, Slip resistance of R9 as per Oil Wet Ramp test (AS 4586)	1 Sqm	<b>1,171.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
593	BMT-M.35	Vinyl Composition Floor Tiles of size 305 mm x 305 mm having an overall thickness of 2.0mm manufactured by M/s. Armstrong World Industries, radiant flux greater than 11kW/m2 as per ISO 9329-1 , smoke resistance less than 750% minutes as per ISO 9239.1, electrical resistance of 1010 Ohm	1 Sqm	<b>543.00</b>
594	BMT-M.36	Armstrong Royal LG-1 Vinyl Flooring Sheet manufactured by Armstrong World Industries, Inc, of size 1.83 m width having a nominal total thickness of 2 mm with a wearing surface impregnated polyurethane homogeneous mixture of PVC, Plasticizers, Urethane, colour pigments, filler calendared, pattern, with wearing Resistance as per EN 660-2, Fire Resistance of more than 11kW/m2 as per ISO 9329-1 Critical Radiant Flux, Slip resistance of R9	1 Sqm	<b>1,597.00</b>
595	BMT-M.37	Supply of Thermocole 12 mm thick sheets	1 Sqm	<b>24.00</b>
596	BMT-M.38	Supply of Thermocole 19 mm thick sheets	1 Sqm	<b>43.00</b>
597	BMT-M.39	Supply & fixing 75mm thick metal stud partition using 12.5 mm thick Gypboard conforming to IS 2095-1982 screw fixed to either side to 48 mm studs of 0.55 mm thick with the 50 mm floor and ceiling channel 0.55 mm and the joints duly finished with joint compound, paper tape and two coats Dry wall top coat as per specification.	1 Sqm	<b>1,141.00</b>
598	BMT-M.40	Providing wooden panelling 12 mm thick Novopan one side laminated sheet fixed on wooden frame of BT wood size 50.8 mm x 25.4 mm (2"x1") at distance of 609.6mm (2'-0") intervals of both ways providing 3/4" x 1/2" (19.05 mm x 12.7 mm) size BT wood ornamental cover beading and necessary screws, fevicol glue complete for finished item of work.	1 Sqm	<b>1,690.00</b>
599	BMT-M.41	Supply , manufacturing , installing of library Rack of 19 mm thick ISI marked commercial ply All round boxing verticals, Horizontal for depth of 609.6mm (2'-0) and shelves with 3.5 mm thick teak veneer covered with on exposed surface externally and internally and each panels with 6mm thick ISI commercial ply with 3.5 mm thick teak veneer for glazed shutters teak wood size 55 mm x 28mm with 5 mm thick glass fixed with ornamental beading and other ornamental beading is covered as per drawing including brass hinges, ornamental handles, ball catchers, buffers, locking system etc, and all the commercial ply exposed edges are to be covered with 6 mm thick teak wood lipping. All the teak veneer and teak wood and ornamental beading is coated with polishing and a coat of melamine finish etc, complete for finished item of work.	1 Sqm	<b>7,236.00</b>
600	BMT-M.42	Calcium Silicate Boards - 6mm thick	1 Sqm	<b>215.00</b>
601	BMT-M.43	Calcium Silicate Boards - 8mm thick	1 Sqm	<b>287.00</b>
602	BMT-M.44	Calcium Silicate Boards - 10mm thick	1 Sqm	<b>359.00</b>
603	BMT-M.45	Calcium Silicate Boards - 12mm thick	1 Sqm	<b>430.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
604	BMT-M.46	Supply and Fixing 66mm thick metal stud partition screw fixed to either side of 48mm studs of 0.55mm thick with 50mm floor and ceiling channel 0.55mm and the joints duly finished with joining compound, glass fibre tape and two coats dry wall top coat as per specification finished Item of work- using 8mm thick Calcium silicate boards	1 Sqm	<b>1,204.00</b>
605	BMT-M.47	Supply and Fixing 66mm thick metal stud partition screw fixed to either side of 48mm studs of 0.55mm thick with 50mm floor and ceiling channel 0.55mm and the joints duly finished with joining compound, glass fibre tape and two coats dry wall top coat as per specification finished Item of work - Using 10mm thick Calcium silicate boards	1 Sqm	<b>1,348.00</b>
606	BMT-M.48	Supply and Fixing 66mm thick metal stud partition screw fixed to either side of 48mm studs of 0.55mm thick with 50mm floor and ceiling channel 0.55mm and the joints duly finished with joining compound, glass fibre tape and two coats dry wall top coat as per specification finished Item of work - Using 12mm thick Calcium silicate boards	1 Sqm	<b>1,491.00</b>
607	BMT-M.49	Supply and fixing of wall lining fixing to GI channels of perimeter channel 30mm x 27mm x 0.55 thick and ceiling channels of 51.1mm x 26mm x 10.5mm x 0.55mm thick and fixing and finishing using joint compound and glass fibre tape complete finish as per specification without painting for finished item of work: using 8mmthick Calcium silicate boards	1 Sqm	<b>714.00</b>
608	BMT-M.50	Supply and fixing of wall lining fixing to GI channels of perimeter channel 30mm x 27mm x 0.55 thick and ceiling channels of 51.1mm x 26mm x 10.5mm x 0.55mm thick and fixing and finishing using joint compound and glass fibre tape complete finish as per specification without painting for finished item of work: Using 10mm thick Calcium silicate boards	1 Sqm	<b>787.00</b>
609	BMT-M.51	Supply and fixing of wall lining fixing to GI channels of perimeter channel 30mm x 27mm x 0.55 thick and ceiling channels of 51.1mm x 26mm x 10.5mm x 0.55mm thick and fixing and finishing using joint compound and glass fibre tape complete finish as per specification without painting for finished item of work: Using 12mm thick Calcium silicate boards	1 Sqm	<b>858.00</b>
610	BMT-M.52	Supply and Fixing 66mm thick metal stud partition using 2 layers of 12mm thick Calcium silicate boards screw fixed to either side to 48mm studs of 0.55mm thick with 50mm floor and ceiling channel 0.55mm.The boards joints are to be staggered to avoid through passage. Ceramic wool of 50mm thick, 64kg/m3 density is to be placed in cavity of the partition. The joints duly finished with joining compound, glass fibre tape and two coats dry wall top coat as per specification without painting for finished item of work	1 Sqm	<b>4,003.00</b>
611	BMT-M.53	Supplying and fixing of false ceiling using Plaster of Paris Boards	1 Sqm	<b>412.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		12 mm thick with standard GI ceiling angles, sections perimeter channels including cost and conveyance of all materials and labour charges etc complete		
612	BMT-M.54	Supplying and fixing of false ceiling using Plaster of Paris Boards 10 mm thick with standard GI ceiling angles, sections perimeter channels including cost and conveyance of all materials and labour charges etc complete	1 Sqm	<b>343.00</b>
613	BMT-M.55	Designer ceiling Cement Boards -thickness 3.2 mm	1 Sqm	<b>242.00</b>
614	BMT-M.56	High pressure steam cured Cement Boards 4 mm thick	1 Sqm.	<b>129.00</b>
615	BMT-M.57	High pressure steam cured Cement Boards 6 mm thick	1 Sqm.	<b>194.00</b>
616	BMT-M.58	High pressure steam cured Cement Boards 8 mm thick	1 Sqm.	<b>258.00</b>
617	BMT-M.59	High pressure steam cured Cement Boards 10 mm thick	1 Sqm.	<b>323.00</b>
618	BMT-M.60	High pressure steam cured Cement Boards 12 mm thick	1 Sqm.	<b>387.00</b>
619	BMT-M.61	High pressure steam cured Cement Boards 14 mm thick	1 Sqm.	<b>452.00</b>
620	BMT-M.62	High pressure steam cured Cement Boards 16 mm thick	1 Sqm.	<b>517.00</b>
621	BMT-M.63	High pressure steam cured Cement Boards 18 mm thick	1 Sqm.	<b>581.00</b>
622	BMT-M.64	High pressure steam cured Cement Boards 20 mm thick	1 Sqm.	<b>646.00</b>
623	BMT-M.65	High pressure steam cured designer Cement Boards 4 mm thick	1 Sqm.	<b>190.00</b>
624	BMT-M.66	High pressure steam cured designer Cement Boards 6 mm thick	1 Sqm.	<b>280.00</b>
625	BMT-M.67	Supply and fixing of E-board wall panelling (water, fire and Termite proof) with frame work made of GI stud profile of size 48 x 40 10 x 0.6 mm thick placed at every 610 mm C/C intervals fixed vertically in between floor and roof `U` track of size 50 x 30 x 0.6 mm thick duly fixed with self expansion screws and with 8 mm thick E-board / 6 mm thick E-board classic cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving a 3 mm gap between two panels of width 2'-0". The Gap will be covered with a decorative beading. Surface will be given a smooth finish over a coat of primer. - With 8 mm E-board	1 Sqm.	<b>781.00</b>
626	BMT-M.68	Supply and fixing of E-board wall panelling (water, fire and Termite proof) with frame work made of GI stud profile of size 48 x 40 10 x 0.6 mm thick placed at every 610 mm C/C intervals fixed vertically in between floor and roof `U` track of size 50 x 30 x 0.6 mm thick duly fixed with self expansion screws and with 8 mm thick E-board / 6 mm thick E-board classic cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving a 3 mm gap between two panels of width 2'-0". The Gap will be covered with a decorative beading. Surface will be given a smooth finish over a coat of primer. - With 6 mm E-board Designer	1 Sqm.	<b>834.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
627	BMT-M.69	Supply and fixing double skin E-board partition with Frame work made of GI stud profile of size 48 x 40 x 10 x 0.6 mm thick placed at every 610 mm C/C intervals and 915 mm horizontal intervals duly fixed with self expansion screws, the E-board of 8 mm thick cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving 3 mm gap between two panels of width 2'-0" (610 mm). The gap will be covered with decorative moulding surface will be given a smooth finish over cement primer. The rate is inclusive of cost and conveyance of all materials and labour charges etc. complete.	1 Sqm.	<b>1,146.00</b>
628	BMT-M.70	Providing and fixing of 50mm thick EVEREST SOLID WALL PANEL Sandwich panels made of light Weight FRACC two 4mm thick non-asbestos fibre reinforced cement sheets on either side of the lightweight concrete core composed of Portland cement binders with tongue and groove arrangement. The bottom of the panel shall be fixed to the floor channel made up of 1 mm thick GI channels of size 14x50x25 mm fixed to the existing floor with 6x60mm nylon self expansion screws at 600 mm C/C and top of the panel fixed with ceiling channel made out of 1mm thick GI Channel of size 38x50x38mm duly fixed to the existing ceiling with 6x60mm nylon self expansion screws at 600 mm C/C. All the tongue and groove joints of the panels have to be properly cleaned and both the panels have to be fixed by applying the mixture of fly ash and sodium silicate in between and Everest jointing compound all the exposed joints. The rate includes cost of 50mm EVEREST SOLID WALL PANELS, G.I. Floor and ceiling channel. The panels can be flushed by using paper tape and Everest jointing compound all complete	1 sqm	<b>1,401.00</b>
629	BMT-M.71	Providing and fixing of 75mm thick EVEREST SOLID WALL PANEL Sandwich panels made of light Weight FRACC two 4mm thick non-asbestos fibre reinforced cement sheets on either side of the lightweight concrete core composed of Portland cement binders with tongue and groove arrangement. The bottom of the panel shall be fixed to the floor channel made up of 1 mm thick GI channels of size 14x75x25 mm fixed to the existing floor with 6x60mm nylon self expansion screws at 600 mm C/C and top of the panel fixed with ceiling channel made out of 1mm thick GI Channel of size 38x75x38mm duly fixed to the existing ceiling with 6x60mm nylon self expansion screws at 600 mm C/C. All the tongue and groove joints of the panels have to be properly cleaned and both the panels have to be fixed by applying the mixture of fly ash and sodium silicate in between and Everest jointing compound all the exposed joints. The rate includes cost of 75mm EVEREST SOLID WALL PANEL panels, G.I. Floor and ceiling channel. The panels can be flushed by using paper tape and Everest jointing compound all complete.	1 Sqm.	<b>1,794.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
630	BMT-M.72	Supply and fixing of BISONPANEL (IS 14276) false ceiling using 8MM BISONPANEL with galvanized and pre painted steel T section of size 24mm x 38mm x 0.3 mm for main T duty pre punched to accept cross T section of size 24mm x 30mm x 0.3 mm duly punched at both ends for insertion into main T. The grid size will be 610mm x 610mm. The frame work (grid) is suspended to the roof by using G.I flat of 0.60mm or 14-gauge G.I wire with necessary fixers to the roof and frame work. BISONPANEL lay on the grid. The cost inclusive of necessary hardware, labour, one coat of primer (Both side) and two coats of smooth finish on visible side.	1 Sqm	970.00
631	BMT-M.73	Supply and fixing BISONPANEL(IS 14276) wall panelling using 10 MM BISONPANEL with frame work made of GI stud section of size 48mm x 35mm x 0.55mm thick placed at every 610 mm C/C intervals vertically and at 1200mm internals horizontally fixed to the wall by means of self expansion screws and caps. BISONPANEL is to be fixed to frame by means of self taping screws placed at every 300 mm intervals leaving 3mm gap between two panels. The cost inclusive of one coat of Altek primer and two coats of Altek smooth finish and cost & conveyance of all materials, labour charges etc. complete as per the direction of Engineer in charge.	1 Sqm	1,280.00
632	BMT-M.74	Supply and fixing BISONPANEL (IS 14276) double skin partition using with 10 MM BISONPANEL made out of G.I. track section of size 50mmx 35mm x 0.55 mm for fixing to the roof and floor and stud section of size 48mm x 35mm x 0.55mm placed in track section vertically at 610mm intervals and at 1200mm intervals horizontally fixed to the wall by means of self expansion screws and caps to the wall and roof. BISONPANEL is to be fixed both sides of frame work by using self taping screws fixed at every 300mm intervals to the frame work leaving 3 mm gap between two panels. The cost inclusive with one coat of Altek primer and two coats of Altek smooth finish and cost and conveyance of all materials to site, labour charges etc., complete as per the direction of Engineer in charge.	1 Sqm	1,870.00
633	BMT-M.75	Supply and fixing of BISONLAM double skin partition using with 10 mm BISONLAM made out of G.I track section of size 50 mm x 35mm x 0.55mm for fixing to the roof and floor and stud section of size 48mm x 35mm x 0.55mm placed in track section vertically at 610mm intervals and at 1200mm internals horizontally. The frame is fixed by means of self expansion screws and caps to the wall / roof. BISON LAM is to be fixed both sides of the frame work by using 2mm thick electro plated CR flat section leaving 3mm gap between two panels. The cost inclusive of cost and conveyance of all materials to sites, other materials incidentals and labour charges as per the direction of Engineer in charges.	1 Sqm	2,576.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
634	BMT-M.76	Supply and fixing of BISONLAM wall panelling using 12MM BISONLAM with frame work made of G.I stud section of size 48mm x 35mm x 0.55mm thick placed at every 610mm intervals vertically and at 1200mm internals horizontally fixed to the wall by means of self expansion screws and caps. BISON LAM is to be fixed to frame by means of self-taping screws placed at every 300mm intervals leaving 3mm gap between two panels. The cost inclusive of Conveyance of materials, Labour charges etc., complete as per the direction of Engineer in charge	1 Sqm	<b>1,945.00</b>
635	BMT-M.77	Supply and fixing of BISON LAM aluminium glazed partitions using 10MM BISONLAM and 5.00 mm thick plain glass to full height. Using with BISON LAM to a height of 0.91 meter at bottom panel and remaining height with glass and aluminium sections anodized to 12 to 15 microns and of sections of size 37mm x 62mm and 1.5mm thickness with one meter centre to centre duly fixed with clip beading on both sides including fixing the frame to pillars by M.S. flats, bolts and nuts including cost and conveyance of all materials etc., complete as directed during execution.	1 Sqm	<b>3,207.00</b>
636	BMT-M.78	Providing and fixing 50mm thick "RAJSHRI" or equivalent SEMI HEIGHT SOLID PVC PARTITION consisting of 49mm sandwich PVC panel made out of 36mm high density expanded polystyrene sheet(E.P.S.-Thermocole) stuck on both side with 2mm thick plain/printed /prelam PVC rigid foam sheets reinforced with frame work made from 35mmX5mm M.S. Angle. In between two M.S. Angles 5mm thick plain/printed/prelam heat moulded "Rajshri" PVC 'C' channel of size 50X100mm with feathered edges shall be fixed on the floor & 50X75mm with feathered edges plain/printed /prelam PVC 'C' channel. In between adjoining EPS sandwiched PVC partitions panel 5mm thickX75mm width plain/printed/prelam PVC sheet feathered at edges shall be stuck on front & back face using solvent cement etc. in places where two partitions meet to form an 'L' shape the panels are joined 5mm thick plain/printed/prelam heat moulded "Rajshri" PVC 'L' section of size 75mmX75mm with feathered edges shall be fixed on front & back side. This is done to maintain the symmetry of design. An additional 5mm thick PVC strip of 40mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive, complete as per direction of Engineer-in-Charge, manufacture's specification & drawing	1 sqm	<b>2,754.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
637	BMT-M.79	Providing and fixing "RAJSHRI" or equivalent INSULATED PVC WALL PANELING shall consist of PVC insulated panels having wall thickness of 1mm /1.5mm/2mm PVC sheet and the desired thickness of EPS (dependent on the insulation required) screwed into the wall using screws of adequate length. The screws shall be placed at a distance of 150mm and shall be 25mm from the edge of the insulated panel on all from sides of the panel. The PVC strips of 5mm thick PVC sheet of width 75mm feathered at the edges shall be stuck using solvent cement adhesive at the places where two panels are joined, so as to cover the screw of both the panels, using solvent cement. 90 heat bent strips of 5mm thick PVC sheets of width 75mm X75mm feathered at the edges shall be stuck at wall joints / pillars etc. , complete as per direction of Engineer-in-Charge, manufacture's specification & drawing	1 sqm	<b>2,040.00</b>
638	BMT-M.80	Providing and fixing RAJSHRI or equivalent plain PVC rigid foam sheet wall panelling of thickness 5mm consisting of panels having size 1220mm X2440mm stuck on inner frame work of 25mm wide strips of 5mm thick PVC rigid foam sheet. The strips should have in their centre a groove of 6mm width and 2mm depth for sinking the head of the screw used to fix the strips to the wall and should be placed vertically at equal intervals of 405/407mm centre to centre. The PVC strips shall be fixed to the wall using 65mm long M.S. screws through the groove in the strip by using PVC fasteners. The distance between two screws shall not be more than 300mm. a groove of 2mm may be left at the joint of two panels for aesthetic looks. This framework is done for making existing wall surface in ensured level and for sticking the wall panelling sheet (panel) on it. The exact size of the panel and correspondingly of the grid May be varied depending n the size of the wall. However it must ensure that a strips of 5mm thick PVC sheet of width 75mm feathered at the edges shall be stuck at the places where two panels are joined, using solvent cement. , complete as per direction of Engineer-in-Charge, manufacture's specification & drawing	1 sqm	<b>1,938.00</b>
639	BMT-M.81	Providing and fixing RAJSHRI or equivalent false ceiling consisting of 600mmX600mm, Solid PVC insulation panels having wall thickness of 1mm thick plain PVC rigid foam sheet and EPS as defined in of desired thickness depending on insulation required shall be insert in a frame work made using anodized aluminium Tee section of sizes 1"X1" (25X25mm, 19 gauge or 1mm thick) in square pattern of grid sizes of 2'X2' (600X600mm). The aluminium framework is supported from the ceiling with the help of G.I. hook and G.I. wire/6mm.M.S. rods of required sizes to maintain proper level etc. the aluminium framework is supported on side wall with the use of aluminium 1"X1" (25X25mm) angles, complete as per direction	1 sqm	<b>1,260.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		of Engineer-in-Charge, manufacture's specification & drawing		
640	BMT-M.82	Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 13 mm thick Square Edge - Fissura Fine Model	1 Sqm	<b>344.00</b>
641	BMT-M.83	Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 13 mm thick Square Edge - Speckle Model	1 Sqm	<b>384.00</b>
642	BMT-M.84	Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 13 mm thick Square Edge - Textura Model	1 Sqm	<b>424.00</b>
643	BMT-M.85	Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick Standard Regular Edge	1 Sqm	<b>434.00</b>
644	BMT-M.86	Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick Fissura Fine Model	1 Sqm	<b>444.00</b>
645	BMT-M.87	Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick Speckle Model	1 Sqm	<b>464.00</b>
646	BMT-M.88	Mineral Fibre Ceiling Tile of 0.595 mm x 0.595 mm of 15 mm thick Textura Model	1 Sqm	<b>503.00</b>
647	BMT-M.89	Supply and fixing of PVC false ceiling on MS/GI made skeleton framework. The frame shall be 24 X 48mm MS tube section fixed along with the wall. The entire frame work shall be concealed with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm ± 0.3mm with tongue and groove system, provided with necessary arrangements for electrical connections, complete, for finished item of work.	1 Sqm.	<b>1,399.00</b>
648	BMT-M.90	Supply and fixing of wall panelling on the framework of wooded rippers of 24 X 24mm of required size. The entire framework shall be panelled with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm ± 0.3mm. The panels are joined with tongue and groove system. Necessary cut-outs for electrical connections to be provided at required places complete, for finished item of work.	1 Sqm.	<b>1,325.00</b>
649	BMT-M.91	Supply and fixing of PVC Double Skin Partition. The entire framework shall be carried out by mild steel section having overall dimensions of 24 X 48mm with a wall thickness of 1.2mm. The entire framework shall be concealed with PVC section having overall dimensions of 6 X 250mm with a wall thickness of 1mm ± 0.3mm both sides. Glass provision/Door provision can be provided along the partition wherever required. Partitions can be made full or half as per requirement complete, for finished item of work.	Sqm.	<b>2,325.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
650	BMT-M.92	<b>NCL</b> or equivalent Partitions: Supply and fixing of partitions made of seccolor pre-painted steel (base steel as per IS 513 of 0.58 mm thick 'D' quality, galvanized as per IS 277 with Zinc of 120 GSM). Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick alkyd backer. Section for outer frame should be 46x52mm, section for shutter should be 46x46mm, section for mullion should be 46x70mm, section for beading should be 18x25mm and section for middle and bottom rail (Lock Rail and Kick Rail) of size should be 23x130mm. The partition should be paneled with 9mm pre-laminated particle board to a height of 0.91m from the bottom, and remaining height with 5mm thick plain glass With Ethyl Propylene Diamine Monomer (EPDM) Gaskets. The sections are to be cut to length, mitre joined with corner bracket Centre mullions are to be fixed using mullion cap. Gaskets made of Ethyl Propylene Diamine Monomer (EPDM). Corner brackets made of CRCA with zinc phosphate. Mullion caps made of Glass filled nylon. The above frames should be fixed to the concrete/masonry wall by means of self expanding screws, and complete for finished item of work.		
651	BMT-M.93	<b>Fixed Partition:</b> Outer frame section size of 46x52mm, mullion section should be of 46x70mm, fixed beading should be of 18x25mm.	1 sqm	<b>4,257.00</b>
652	BMT-M.94	<b>Fixed Partition with Door:</b> Outer frame section size of 46x52mm, mullion section should be of 46x70mm, fixed beading should be of 18x25mm, section for shutter should be of 46x46mm and section for middle & bottom should be of size 23x130mm	1 sqm	<b>4,855.00</b>
653	BMT-M.95	Supply & fixing of 50 mm thick sandwiched panel of two fibre-reinforced cement sheets enclosing a lightweight concrete core composed of Portland cement, binders and a mix of siliceous and micaceous material aggregate having Tongue and Groove joint for partitions and walls using G.I. Flooring & Ceiling channels, hardware, Labour, transportation, wastages, etc., as a complete item of work excluding finishing, fittings & fixtures.	Sqm.	<b>1,300.00</b>
654	BMT-M.96	Supply & fixing of 75 mm thick sandwiched panel of two fibre-reinforced cement sheets enclosing a lightweight concrete core composed of Portland cement, binders and a mix of siliceous and micaceous material aggregate having Tongue and Groove joint for partitions and walls using G.I. Flooring & Ceiling channels, hardware, Labour, transportation, wastages, etc., as a complete item of work excluding finishing, fittings & fixtures.	Sqm.	<b>1,650.00</b>
655	BMT-M.97	Supply of sandwiched panel of two fibre-reinforced cement sheets enclosing a lightweight concrete core composed of Portland cement, binders and a mix of siliceous and micaceous material aggregate panels of 50mm thick x 600mm standard width x 2400mm, 2700mm, 3000mm & 3300mm lengths	1 Sqm.	<b>900.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
656	BMT-M.98	Supply of sandwiched panel of two fibre-reinforced cement sheets enclosing a lightweight concrete core composed of Portland cement, binders and a mix of siliceous and micaceous material aggregate panels of 75mm thick x 600mm standard width x 2400mm, 2700mm, 3000mm & 3300mm lengths	1 Sqm.	<b>1,175.00</b>
		Providing & fixing Pre-coated G.I. Wall angle size 22mm X 20mm X 0.4 mm thick of 3050mm long fixed to the brick wall/partition at the perimeter of ceiling with nylon sleeves and screw at 610 mm centres. Then suspending main G...! Frame "T" section size of 32mm X 24mm X 0.30mm thick of 3600mm long from soffit in one direction with the help of Rawl Plug and G.I. Wire/Rod of 3mm diameter with 1220mm centres G.I. Cross "T" section of size 25mm X 24mm X 0.30mm thick of 600mm long is inserted into the slots provided in main "T" at 600mm centres to form a grid of 600mm X 600mm. NewAGE 12/ 15mm tiles of size 600mm X 600mm can be laid on to the grid etc. NewAGE tiles with a Humidity resistance of 95% RH, Average NRC 0.55 to 0.60, Light reflectance >85% K value 0.052-0.57, Fire performance class O/Class 1 (BS 476) along with surface 3 coats of white paint as directed by department officers.		
657	BMT-M.99	Regular Pin Holes PH-001 (Square & Tegular Edge) 12mm	1 Sqm.	<b>594.00</b>
658	BMT-M.100	Fin Fissured Model FF-002 (Square & Tegular Edge) 12mm	1 Sqm.	<b>594.00</b>
659	BMT-M.101	Random Holes AF-003 (Square & Tegular Edge) 12mm	1 Sqm.	<b>594.00</b>
660	BMT-M.102	Random Pin Holes APH-004 (Square & Tegular edge) 12 mm	1 Sqm.	<b>594.00</b>
661	BMT-M.103	Sand Face ASF-005 (Square & Tegular Edge) 12mm	1 Sqm.	<b>690.00</b>
662	BMT-M.104	Regular Pin Holes PH-001 (Square & Tegular Edge) 15mm	1 Sqm.	<b>700.00</b>
663	BMT-M.105	Fin Fissured Model FF-002 (Square & Tegular Edge) 15mm	1 Sqm.	<b>700.00</b>
664	BMT-M.106	Random Holes AF-003 (Square & Tegular Edge) 15mm	1 Sqm.	<b>700.00</b>
665	BMT-M.107	Random Pin Holes APH-004 (Square & Tegular Edge) 15 mm	1 Sqm.	<b>700.00</b>
666	BMT-M.108	Sand Face ASF-005 (Square & Tegular Edge) 15mm	1 Sqm.	<b>804.00</b>
667	BMT-M.109	Vinyl laminated MPL Gypsum Panels 600 X 600 X 9 mm	1 Sqm.	<b>286.00</b>
668	BMT-M.110	Supply and fixing of wall panelling of 8 mm thick V-BOARD (IS 14862) provided with frame work made of GI stud profile of size 48 x 40 x 10 x 0.55 mm thick placed at every 610 mm C/C intervals fixed vertically in between floor and roof 'U' track of size 50 x 30 x 0.6 mm thick duly fixed with self-tapping, self-embedding screws fixed around at every 300 mm (centres) leaving a 3 mm gap. The Gap will be covered with a decorative beading or jointing compound. Surface will be given a smooth finish with one coat of primer. Inclusive of all taxes.	1 Sqm	<b>860.00</b>
669	BMT-M.111	Supply and fixing of wall panelling of 10 mm thick V-BOARD (IS 14862) provided with frame work made of GI stud profile of size 48 x 40 x 10 x 0.55 mm thick placed at every 610 mm C/C intervals fixed vertically in between floor and roof 'U' track of size 50 x 30 x 0.6 mm thick duly fixed with self-tapping, self-embedding screws fixed around at every 300 mm (centres)	1 Sqm	<b>900.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		leaving a 3 mm gap. The Gap will be covered with a decorative beading or jointing compound. Surface will be given a smooth finish with one coat of primer. Inclusive of all taxes.		
670	BMT-M.112	Supply and fixing double skin <b>8mm thick V- BOARD</b> (IS 14862) partition with Frame work made of GI stud profile of size 48x40x10x 0.55 mm thick placed at every 610 mm C/C intervals and 1220 mm horizontal intervals duly fixed with self-expansion screws, the V- Board of 8 mm thick cladded around with self-tapping self-embedding screws fixed at every 300 mm (centres) leaving a 3 mm gap. The Gap will be covered with a decorative moulding surface will be given a smooth finish with one coat of primer. The rate Inclusive of cost and conveyance of all materials and labour charges etc., Complete.	1 Sqm	<b>1,365.00</b>
671	BMT-M.113	Supply and installation of V-PLANKS(IS 14862) of size 150 x 3000 x 8mm manufactured by M/s. Visaka Industries Limited, on to an existing steel structure made using Top hat profile / furring channel of 51mm web, 22mm flange of 0.5mm thick (minimum) fastened to the plastered brick wall using anchor bolts / anchor screws, spaced at every 2' (610mm). V planks are screwed to the furring channel using self-drilling screws of 8g x 25mm (minimum) at every 2' at distance of 15mm from the edge of the plank. V Planks fixing is started from the bottom, followed by next plank overlapped by 25mm on to the bottom plan thereby hiding the screws perfectly and continued up to the top. Water based cement primer should be applied to the planks before finishing with the exterior grade paints. (up to 3 floors) Above 3 floors labour charges will be extra and steel grid will change.	1 Sqm	<b>1,020.00</b>
672	BMT-M.114	Supply and installation of V- PLANKS (IS 14862) of size 200 x 3000 x 8mm thick manufactured by M/s. Visaka Industries Limited, on to an existing steel structure made using Top hat profile / furring channel of 51mm web, 22mm flange of 0.5mm thick (minimum) fastened to the plastered brick wall using anchor bolts / anchor screws, spaced at every 2' (610mm). V planks are screwed to the furring channel using self-drilling CSK screws of 8g x 25mm (minimum) at every 2' at distance of 15mm from the edge of the plank. V- Planks fixing is started from the bottom, followed by next plank overlapped by 25mm on to the bottom plan thereby hiding. The screws perfectly and continued up to the top. Water based cement primer should be applied to the planks before finishing with the exterior grade paints. (up to 3 floors) Above 3 floors labour charges will be extra and steel grid will change.	1 Sqm	<b>960.00</b>
		DRY WALL PARTITION WITH 50 MM THICK V-PANEL		

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
673	BMT-M.115	Supply& fixing of 50 mm thick V-PANEL comprise of two 5mm thick V-Boards (asbestos-free fibre reinforced cement sheets conforming to IS 14862) strongly bonded with core material which is light weight concrete mix of Portland cement, expanded polystyrene bead aggregates and admixture. V-Panels with unique semi-circular Tongue & Groove Joining System provides better stability, rapid installation and better workability. The bottom of the panel shall be fixed to the floor channel made up of 1 mm thick GI channels of size 28x52x31 mm fixed to the existing floor with 6x60mm nylon self-expansion screws at 600 mm C/C and top of the panel fixed with ceiling channel made out of 0.8 mm thick GI Channel of size 31 x 52 x 31 mm duly fixed to the existing ceiling with 6x60mm nylon self-expansion screws at 600 mm C/C. All the tongue and groove joints of the panels have to be properly cleaned and both the panels have to be fixed by applying the jointing compound in all the exposed joints. The rate includes cost of 50mm V-PANELS, G.I. Floor and ceiling Channel.	1 Sqm	1,550.00
674	BMT-M.116	Supply& fixing of 75 mm thick V-PANEL comprise of two 5mm thick V-Boards (asbestos-free fibre reinforced cement sheets conforming to IS 14862) strongly bonded with core material which is light weight concrete mix of Portland cement, expanded polystyrene bead aggregates and admixture. V-Panels with unique semi-circular Tongue & Groove Joining System provides better stability, rapid installation and better workability. The bottom of the panel shall be fixed to the floor channel made up of 1 mm thick GI channels of size 28x77x31 mm fixed to the existing floor with 6x60mm nylon self-expansion screws at 600 mm C/C and top of the panel fixed with ceiling channel made out of 0.8 mm thick GI Channel of size 31x77x31 mm duly fixed to the existing ceiling with 6x60mm nylon self-expansion screws at 600 mm C/C. All the tongue and groove joints of the panels have to be properly cleaned and both the panels have to be fixed by applying the jointing compound in all the exposed joints. The rate includes cost of 75mm V-PANELS, G.I. Floor and ceiling Channel.	1 Sqm	1,850.00
<b>N</b>		<b>DOORS</b>		
675	BMT-N.01	Providing and fixing factory made polyvinyl chloride (PVC) Door Frame of the size 50 x 47mm with a wall thickness of 5mm, made out of extruded 10 mm rigid PVC foam sheet, mitre cut at two corners and joined with 2nos. of 150mm long brackets of 15x15mm M.S. square tube. The two vertical door profiles are to be reinforced with 19x19mm M.S. Square tube of 19 gauges. The door frame shall be fixed to the wall using 65/100mm long M.S. Screws through the frame by using PVC fasteners. A minimum of 4nos. of screws to be provided for each vertical member & minimum 2nos. for horizontal member etc. complete as per manufacturers specification and direction	1 Rm	303.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		of Engineer-in-Charge for finished item of work		
676	BMT-N.02	Providing and fixing 30mm thick Solid panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, & 15mm x 15mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame shall be covered with 5mm thick heat moulded PVC 'C' channel of size 30 x 50mm forming stiles, and 5mm thick, 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side, and 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail. Panelling of 5mm thick PVC sheet to be fitted in the M.S. frame welded / sealed to the stiles & rails with 30mm wide x 5mm thick PVC sheet beading on either side, and joined together with solvent cement adhesive etc. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive. Complete as per direction of Engineer-in-charge, manufacturer's specification & drawing for finished item of work.	1 Sqm.	<b>2,205.00</b>
677	BMT-N.03	Providing and fixing 30mm thick "RAJSHRI" or equivalent BRAND FACTORY MADE BOTHSIDE PRELAM SOLID PANEL PVC DOOR SHUTTER consisting of frame made out of MS. Tubes of 19gauge thickness and size of 19mmX19mm for stiles, top and bottom rails. MS. Frame shall have a coat of steel primers of approved make and manufacture. MS. Frame covered with 5mm thick heat moulded "Rajshri" Prelam Pac 'C' channel of size 30mm thickness, 70mm width out of which 50mm shall be flat and 20mm shall be tapered in 450 angle on either side forming stiles; and 5mm thick, 95mm wide Rajshri Prelam Pac sheet out of which 75mm shall be flat and 20mm shall be tapered in 450 on the inner side to form top and bottom rail 115mm wide Rajshri Prelam Pac sheet out of which 75mm shall be flat and 20mm shall be tapered on both sides to form lock rail. Top, bottom and lock rail shall be provided either side of the panel. 10mm (5mmX2) thick, 20mmwide cross Pac sheet shall be provided as gap insert for top and bottom rail. Panelling of 5mm thick both side Prelam Pac sheet to be fitted in the MS. Frame welded/ sealed to the stiles & rails with 7mm(5mm+2mm) thick X 15mm wide Pac sheet beading on inner side, and joined together with solvent cement adhesive etc. an additional 5mm thick Pac strip of 20mm width is to be stuck on the interior side of the 'C' channel using Pac solvent cement adhesive etc. complete as per direction of Engineer – in-charge, manufacture specification and drawing.	1 sqm	<b>2,700.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
678	BMT-N.04	Providing and fixing 30mm thick "RAJSHRI" or equivalent BRAND FACTORY MADE SOLID SINGLE SIDE PRELAM PANEL PVC DOOR SHUTTER consisting of frame made out of MS. Tubes of 19gauge thickness and size of 19mmX19mm for stiles, and 15mmX15mm for top and bottom rails. The MS. Frame shall have a coat of steel primers of approved make and manufacture. MS. Frame covered with 5mm thick heat moulded "Rajshri" single side Prelam Pac 'C' channel of size 30mmX50mm to form stiles. 5mm thick & 75mm wide single side Prelam Pac sheets shall be for the top, bottom and lock rails. Panelling of 5mm thick one side Pac sheet to be fitted in the MS. Frame and sealed to the front (prelam side) stiles and rails (which should have a 5mm 45 bent portion as beading) and attached to the back (white/ivory) stiles and rails which should have a 10mm 90 bent portion as beading) using 2nos. 15mm wide X 5mm thick Pac sheet beading inside the 90 bent beading. All stiles, rails and beadings are to be joined to the panel using solvent cement etc. an additional 5mm thick Pac strip of 20mm width to be stuck on the interior side of the 'C' channel using Pac solvent cement adhesive and 10mm (5mmX2) thick, 20mm wide cross Pac sheet to be fitted as gap insert for top and bottom rail etc. complete as per direction of Engineer –in-Charge, manufacture specification and drawing.	1 sqm	<b>2,450.00</b>
679	BMT-N.05	SUPPLY & FIXING or RAJSHRI or equivalent SINGLE SIDE PRELAM SOLID PANEL PVC DOOR FRAME (CHOUKHAT) Providing and fixing factory made Pac single side Prelam door frame of the size 50X47 mm with a wall thickness of 5mm, made out of extruded 5mm rigid Pac single side prelam sheet, meter cut at two corners and joined with 2nos. of 150mm long brackets of 1515mm MS. Square tube. The two vertical door profiles are to be reinforced with 19X19mm MS. square tube of 19gauge. The door frame shall be fixed to the wall using 65/100mm long MS. Screws through the frame by using Pac fasteners. A minimum of 4nos. of screws to be provided for each vertical member and minimum 2nos. for horizontal member etc. complete as per manufacture specification and direction of Engineer-in-charge.	1 Rm	<b>340.00</b>
680	BMT-N.06	Providing and fixing 35mm thick "RAJSHRI" or equivalent BRAND FACTORY MADE MOULDED DOOR SHUTTER consisting of solid core single leaf flush door of 30mm thickness, lipped with 15mm (5mmX3) thick X 30mm width on one stiles and top rails and 10mm (5mmX2) thick X 30mm width on the other stiles and bottom rails. The inner panel laminated with 2mm thick termite proof, water proof and fire resistant moulded Pac sheet with 2,4,6 raised panel design in different panel and / or prelam colours on one side after routing the moulded design on flush door and 2mm prelam Pac sheet on other side using rubber adhesive on flush door and solvent cement adhesive on	1 sqm	<b>2,900.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		Pac lipping etc. complete as per direction of Engineer-in-Charge, manufacture specification and drawing		
681	BMT-N.07	<p>RAJSHRI or equivalent MOULDED PVC DOOR – WOOD FREE Providing and fixing 30mm thick Rajshri Brand factory made Moulded door shutter- wood free consisting of frame made out of MS. tubes 19gauge thickness and size of 25mmX25mm for stiles, top and bottom rails. MS. Frame shall have a coat of steel primers. The inner panel shall consist of 25mm thick High density EPS conforming to IS 4671-1984 bounded with 2mm thick termite proof, water proof and fire resistant moulded Pac sheet with 2, 4, 6 raised panel design in different plain and / or prelam colours after routing to the moulded design on one side and 2mm plain and / or prelam Pac sheet on other side of the EPS. The edge of panel to be sealed with lipping of 10mm wide PVC sheet bottom (made by sticking 2 rigid foam sheet of 5mm thickness using Pac solvent cement) and stiles sides 25mm (5mmX5) thick and 30mm width Pac sheet fitted along Ms. Tube for lock provision for lock height 5mm thick Pac sheet of size 150mmX100mm fixed with upper and lower face of inner side of EPS Panel etc. Complete as per direction of Engineer – in-Charge, manufacture specification and drawing</p>	1 sqm	<b>2,475.00</b>
682	BMT-N.08	<p>Providing and fixing 30mm thick “RAJSHRI” or equivalent BRAND FACTORY MADE WIRE MESH SOLID PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mmX19mm for stiles and 15mm for top, lock &amp; bottom rails. MS. Frame shall have a coat of steel primers of approved make and manufacture. 19mmX19mm M.S. square tubes shall be covered with 5mm thick heat moulded “Rajshri” PVC ‘C’ channel of size 30mm thickness, 90mm width out of which 75mm shall be flat and 15mm shall be flat and 15mm shall be bent in 900 on the inner side to from top and bottom rail land 130mm wide PVC sheet out of which 100mm shall be flat and 154mm shall be bent in 900 on both side to from lock rail, 10mm(5mmX2) thick, 20mm wide cross PVC sheet as gap insert for top rail &amp; bottom rail. Panel will be of G.I. wire mesh of 24gauge to be fitted in by ‘C’ channel of size 35mm X10mm on the either side in the stiles. The inner side ‘C’ channel is fixed by 19mmX19mm MS. Tube on both sides with screws. The wire mesh in top bottom &amp; lock rail is sealed with15mm X 15mm tube with G.I. wire 10mm(5mmX2) thick PVC strip of 25mm width is to be stuck&amp; nails on both side of G.I. wire mesh interior at the top, bottom &amp; lock rail. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the ‘C’ channel using PVC solvent cement adhesive etc. complete as per direction of Engineer-in-charge, manufacturer’s specification &amp; drawings</p>	1 sqm	<b>2,200.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
683	BMT-N.09	Providing and fixing "RAJSHRI" PVC door cladding to the flush doors shutters. For the new doors it shall be pasted with Fevicol SSR 998 or nailed to the old doors. complete as per direction of Engineer –in – charge, manufacturers specification and drawing - 1 mm thick	1 sqm	<b>377.00</b>
684	BMT-N.10	Providing and fixing "RAJSHRI" PVC door cladding to the flush doors shutters. For the new doors it shall be pasted with Fevicol SSR 998 or nailed to the old doors. complete as per direction of Engineer –in – charge, manufacturers specification and drawing - 1.5 mm thick	1 sqm	<b>430.00</b>
685	BMT-N.11	Providing and fixing "RAJSHRI" PVC door cladding to the flush doors shutters. For the new doors it shall be pasted with Fevicol SSR 998 or nailed to the old doors. complete as per direction of Engineer –in – charge, manufacturers specification and drawing - 2.0 mm thick	1 sqm	<b>485.00</b>
686	BMT-N.12	Flush door shutters, solid bond wood block board type with teak ply on both faces.: 25 mm thick conforming to IS:2202	1 sqm	<b>1,343.00</b>
687	BMT-N.13	Flush door shutters, solid bond wood block board type with teak ply on both faces.: 30 mm thick conforming to IS:2202	1 sqm	<b>1,389.00</b>
688	BMT-N.14	Flush door shutters, solid bond wood block board type with teak ply on both faces.: 35 mm thick conforming to IS:2202	1 sqm	<b>1,496.00</b>
689	BMT-N.15	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 25 mm thick conforming to IS:2202	1 sqm	<b>684.00</b>
690	BMT-N.16	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 30 mm thick conforming to IS:2202	1 sqm	<b>771.00</b>
691	BMT-N.17	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 35 mm thick conforming to IS:2202	1 sqm	<b>844.00</b>
692	BMT-N.18	Flush door shutters, solid bond wood block board type with commercial ply on both faces.: 40 mm thick conforming to IS:2202	1 sqm	<b>1,005.00</b>
693	BMT-N.19	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 20 mm thick conforming to IS:2202	1 sqm	<b>902.00</b>
694	BMT-N.20	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 25 mm thick conforming to IS:2202	1 sqm	<b>1,005.00</b>
695	BMT-N.21	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 30 mm thick conforming to IS:2202	1 sqm	<b>1,126.00</b>
696	BMT-N.22	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 35 mm thick conforming to IS:2202	1 sqm	<b>1,206.00</b>
697	BMT-N.23	Flush door shutters, solid bond wood block board type with teak veneer on one face and commercial ply on another face (lipping): 40 mm thick conforming to IS:2202	1 sqm	<b>1,286.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
698	BMT-N.24	Supply and fixing of E-board door shutter with all-round style "U" lipping size 15 x 18 x 15 mm made from 0.8 mm thick powder coated cold rolled steel profiles with 16 mm thick E-board with necessary screws fixed at 1'-0" interval 250 mm long Aldrops 2 Nos. M.S. nickel coated 250 mm long 1 No. M.S. Tower bolts including cost and conveyance of all materials at site and applying 1 coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm.	<b>1,102.00</b>
699	BMT-N.25	Providing and fixing frame made from 1.2 mm powder coated cold rolled steel profiles of overall section size of 60 mm x 45 mm with 21 mm rivet for shutter with necessary stiffeners hinges and screws. E-board shutter with around 'U' lipping of size 15 X 18 X 15 mm made from 0.8 mm thick CRCA powder coated steel profile with 16 mm thick E-board with necessary screws fixed at every 1'-0" interval 250 mm long Aldrops 2 Nos. MS Nickel coated 250 mm long 1 No. MS tower bolt including cost and conveyance. One coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved colour, labour charges etc.	1 Sqm.	<b>1,680.00</b>
700	BMT-N.26	Supply and fixing of BISONPANEL(IS 14276) cupboard frames and shutters and using 16mm BISON PANEL duly painted both sides with one coat of primer and two coats of synthetic / enamel paint of approved shade and brand including fixing of hardware like M.S. powder coated Piano hinges of size 18mm x 18mm, brass ball catches, Aluminium tower bolts and handles , Godrej locks, Fevicol, screws and nails including cost and conveyance of all materials, labour charges, all incidental and operational charges etc., complete for finished item of work at site as per the directions of Engineer in Charge.	1 sqm	<b>2,009.00</b>
701	BMT-N.27	Supply and fixing BISONPANEL (IS 14276) single door shutter using with 16MM BISONPANEL with all-round "U" section of size 12mmx18mmx12mm made from 0.6 mm thick galvanized, colour quoted cold rolled steel profiles with necessary screws fixed at every 304.8 mm intervals. The cost inclusive of MS Nickel coated Aldrops of size 255 mm long 2 Nos., 200 mm long tower bolts 1 No., 125 mm handles 2 Nos. 300 mm long "T" hinge cost and conveyance of all materials at site and applying 1 coat primer, 1 coat of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm	<b>1,693.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
702	BMT-N.28	Supply and fixing of BISON PANEL(IS 14276) door shutters using with 16MM BISONPANEL with all round style “U” size of 20mmx18mm x20mm made from 0.6mm thick galvanized pre-painted cold rolled steel profiles with BISONPANEL separating two shutter with 30mmx18mmx30mm Stepped lipping with necessary screws fixed at every 1’-0” (304.8mm) intervals. Ms Nickel coated 250 mm long Aldrops 2 no’s, MS powder coated 250mm long tower bolt 2no’s , & 2no’s MS powder coated 125 mm long grip handle. Including cost and conveyance of all materials at site and applying one coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm	<b>2,298.00</b>
703	BMT-N.29	Supply and fixing of BISON LAM single door shutter using 16MM BISONLAM with all round section “U” size of mm thick galvanized pre-painted cold rolled steel profiles BISON LAM with necessary screws fixed at every 1’0” ( 304.8mm) intervals. The cost inclusive of MS Nickel coated 250mm long Aldrops 2 no’s , MS powder coated 250mm long tower bolt 1 no’s, 2no’s MS powder coated 125mm long grip handle, 1 no’s M.S.P.C. Door stopper. Including cost and conveyance of all materials at site labour charges etc., complete finished item of work.	1 Sqm	<b>2,000.00</b>
704	BMT-N.30	Supply and fixing of BISON LAM double door shutter using 16MM BISONLAM with all round “U” section size of 20mm x 18mm x 20mm made from 0.6mm thick galvanized pre-painted cold rolled steel profiles with BISON LAM separating two shutter with 30mm x 20mm x 30mm stepped lipping with necessary screws fixed at every 1’0” (304.8mm) intervals. The cost inclusive of MS Nickel coated 250mm long Aldrops 2no’s, MS powder coated 125mm long grip handle, 2 no’s M.S.P.C. Door stopper. Including cost and conveyance of all materials at site labour charges etc., complete finished item of work.	1 Sqm	<b>2,593.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
705	BMT-N.31	Doors Frames (Colour Coated Steel Sections) & Shutter using Cement Bonded Particle Board as per IS 14276 (Bison Panel or equivalent): Providing and fixing of door frame made from cold roll formed sections made of galvanized (Base steel as per IS277 with zinc of 120 Grams/sqm) colour coated steel sections with total coated thickness of 1mm, primer coated with epoxy primer coat of 5-7 microns thick, finish paint with polyester paint of 12-16 microns. The Section for door frame is to be filled with polyurethane (P.U) form of 40kg/m3. Overall size of frame section should be of 50mm x 50mm. With necessary corner brackets, stiffeners, hinges, and screws. Cement Bonded particle board shutter (Bison Panel or equivalent ) “Single Leaf” with all round styles “U” section of size 12m x 18m x 12mm made from 0.6 mm thick galvanized, colour coated cold rolled steel profiles with 16mm thick Cement Bonded particle Board (Bison Panel or equivalent ) with necessary screws fixed at every 1’-0” (304.8mm) intervals. The cost inclusive of MS nickel coated Aldrops of size 250mm long 2nos. 200mm long tower bolt 1no., 125mm handles 2nos., cost and conveyance of all materials at site and applying one coat primer , one coat of luppum and two coats of synthetic enamel paint as per approved design for finished item of work	1 Sqm	<b>2,967.00</b>
706	BMT-N.32	Supply and fixing of BISONPANEL (IS 14276) box type cupboard using BISONPANEL for making frame of size 100mm x 35mm using two sandwiched 16MM boards, one BISONPANEL and one BISONLAM with plain 35mm wood lipping. The Shutters are made of 16MM thick BISONLAM (Pre-Laminated Cement Bonded Particle Board) of approved shade inclusive of hardware like M.S. powder coated Piano hinges of size ¾” x ¾” , Aluminium powder coated handles of size 4” (101.6mm), Aluminium tower bolt 4” (101.6mm) Godrej locks, screws, wood lipping and Fevicol etc., complete finish item of work.	1 Sqm	<b>3,218.00</b>
707	BMT-N.33	Supply and fixing of BISONLAM door shutter made out of U sections of size 12x14x12 made from 0.6mm thick pps sections with 12MM BISONLAM with necessary screws fixed at every 1’.0”interwells. The hardware consists of 250mm long Aldrops – 2 Nos.150mm Handle- 1 No, 150 mm long ms powder coated tower bolt 1 no. nickel coated. The cost is inclusive of all incidentals, labour transportation charges.	1 Sqm	<b>1,997.00</b>
708	BMT-N.34	Supply and fixing of V- Board door shutter with around style “U” lipping size 15 x 18 x 15 mm made from 0.8 mm thick powder coated cold rolled steel profiles with 16 mm thick V-board with necessary screws fixed at 1’-0” interval 250 mm long Aldrops 2 nos. M.S. nickel coated 250 mm long 1 no. M.S. Tower Bolts Including cost and conveyance of all materials at site and applying 1 coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm	<b>1,400.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
709	BMT-N.35	Providing and fixing frame made from 1.2 mm powder coated cold rolled steel profiles of overall section size of 60 mm x 45 mm with 21 mm rivet for shutter with necessary stiffeners hinges and screws. V- Board shutter with around style "U" lipping of size 15 x 18 x 15 mm made from 0.8 mm thick CRCA powder coated steel profile with 16 mm thick V-board with necessary screws fixed at every 1'-0" interval 250 mm long Aldrops 2 nos. M.S. nickel coated 250 mm long 1 no. M.S. Tower Bolts Including cost and conveyance. One coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved colour, labour charges etc.	1 Sqm	<b>1,650.00</b>
710	BMT-N.36	Supply and fixing Sintex or equivalent doors are made out of PVC section and panels. The overall dimension of the same is 33mm X 47mm with usual process variation and having a wall thickness of 1.5mm with a variation of $\pm 0.3$ mm. The infill is seamless hallow multi chambered PVC single panel having an effective dimension of 762mm X 20mm having a wall thickness of 1mm $\pm 0.3$ mm complete, for finished item of work.	Sqm.	<b>2,018.00</b>
711	BMT-N.37	Supply and fixing PVC door frames made from extruded sections in overall dimensions of 40 X 48mm having a wall thickness of 1.5mm with usual process variation of $\pm 0.3$ mm, complete, for finished item of work.	1 RM.	<b>228.00</b>
712	BMT-N.38	Supply and fixing of V-board wall panelling (water, fire and termite resistant) with frame work made of GI stud profile of size 48 x 40 x 10 x 0.6 mm thick placed at every 610 mm C/C intervals fixed vertically in between floor and roof 'U' track of size 50 x 30 x 0.6 mm thick duly fixed with self expansion screws and with 8 mm thick V- Board / Cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving a 3 mm gap between two panels of width 2'-0". The Gap will be covered with a decorative beading. Surface will be given a smooth finish over a coat of primer. Inclusive of all taxes: With 8 mm V- Board	1 Sqm	<b>860.00</b>
713	BMT-N.39	Supply and fixing double skin V- Board partition with Frame work made of GI stud profile of size 48x40x 10x 0.6 mm thick placed at every 610 mm C/C intervals and 915 mm horizontal intervals duly fixed with self expansion screws, the V- Board of 8 mm thick cladded around with self tapping self embedding screws fixed at every 300 mm (centres) leaving a 3 mm gap between two panels of width 2'-0" (610 mm). The Gap will be covered with a decorative moulding surface will be given a smooth finish over cement primer. The rate Inclusive of cost and conveyance of all materials and labour charges etc., Complete. <b>DOUBLE SKIN PARTITION</b>	1 Sqm	<b>1,300.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
714	BMT-N.40	Supply and fixing of PVC cupboards for kitchen and bedrooms shall be made out of multi chambered PVC sections having overall dimensions of 20 X 762mm with a wall thickness of 1.2mm ± 0.3mm. The cabinets shall be made as per the requirements of the room with groove system. The PVC section surface shall be plain and laminated finish to have good look, completed, for finished item of work for SINTEX OR equivalent PVC CABINETS	1 Sqm.	<b>4,050.00</b>
715	BMT-N.41	Supply and fixing of Sintex Frontura door shutter consisting of Sintex make or equivalent FRP (Fibre Reinforced Plastic) panels on either sides with depressed panelled design for door having overall wall thickness of 1.5mm + 0.35 mm with usual process variation. The core of the door shutter shall be filled with Polyurethane foam (PUF) injected with the help of Hydraulic Injection method, wooden black of 35mm x 31mm shall be provided on all four side of the door shutter. Necessary wooden blacks shall be provided to take up necessary hard ware's and fixtures etc. with steel wire mesh at the centre of the door the rate inclusive of all taxes and finished item work. Max size: 838mm (W) x 2060mm (H) Colour GOLDEN BROWN. SINTEX FRONTURA DOOR SHUTTER (25MM THICK)	1 Sqm.	<b>3,120.00</b>
716	BMT-N.42	Supply and fixing of Sintex door shutter made from specially hot press moulded SMC (Sheet moulding compound) sheet polythen core and PVC Frame section. SMC sheets shall be made from SMC conforming to IS-13410 sheets shall have an average thickness of 1.4mm+/- 0.35mm on both sides. Core of the door shall be filled with high density polyurethane foam injected with the help of hydraulic injection method shutter frame to be made of PVC Extruded section of 26mm x 47mm with a wall thickness of 1.4mm+/-0.3mm on both sides corresponding to Sintex code DWUF 305 the hardware location shall be reinforced with special polymeric reinforcement wooden blocks of suitable size. The corners of the shutter frame shall be reinforced with polymeric L shaped angle size of 105 x 230mm corresponding Sintex code PR-02 the lock rail shall be made from PVC Extruded sections having overall dimensions of 26mm x 47mm x 1.4mm +/- 0.3mm on both sides. The usual process of variation corresponding Sintex code of 305 combining two nos. wooden pieces are inserted on the periphery suitable M.S. Tube reinforcement shall be provided on the one vertical side of shutter frame	1 Sqm.	<b>3,400.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
717	BMT-N.43	Supply and fixing of Sintex Door shutter made from specially Hot Press Moulded SMC (Sheet moulding compound) sheets, Polyurethane core and PVC Frame section SMC sheets shall be made from SMC conforming to IS-13410 sheets shall have an average thickness of 1.4 mm +/- 0.35 mm on both sides. Core of the door shutter shall be filled with high density polyurethane foam, injected with the help of hydraulic injection method shutter frame to be made of PVC extruded section conforming to IS: 10151: 1982 of size 26 mm x 46 mm with a wall thickness of 1.4 mm +/- 0.3 mm on both sides corresponding to Sintex code DWUF 305. The hardware locations shall be reinforced with special polymeric reinforcement wooden blocks of suitable size. The corners of the shutter frame shall be reinforced with Polymeric 'L' shaped angle of size 105mm x 230mm corresponding to Sintex code PR-02 the lock rail shall be made from PVC extruded sections having overall dimensions of 26 mm x 46 mm 1.5 mm +/- 0.3 mm on both sides, with usual process variation corresponding to Sintex code 305 combining two numbers. Wooden pieces are inserted on the periphery. Suitable MS Tube reinforcement shall be provided on vertical sides of shutter frame the rate inclusive of all taxes and finished item work Colour: White & Grey	1 Sqm.	<b>2,952.00</b>
718	BMT-N.44	SINTEX ENDURA DOOR SHUTTER (26MM THICK)	1 Sqm.	<b>1,570.00</b>
719	BMT-N.45	Supply and fixing of door shutters made of rigid PVC extruded hollow section (Nandi or equivalent) of 20mm X 200 mm with the wall thickness of 1.0mm +/- 0.1mm equally divided into 4 no's with tongue and groove locking arrangements. The shutter frame is made of 30mm X 79mm with the wall thickness of 1.5mm +/-0.15mm section mitre-cut and joined at 4 corners with 125mm X 225mm plastic brackets. The shutter shall be horizontally reinforced with 2 no's of 8mm PVC rods. Teak wood batons shall be reinforced inside the door shutter during the fabrication of the door shutter at those points wherever the hardware is fixed onto the door shutter.	Sqm.	<b>1,795.00</b>
720	BMT-N.46	Supply and fixing of door frame made of hollow extruded PVC section (Nandi or equivalent) having dimensions of 40 X 57mm with the wall thickness of 2mm +/- 0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2 corners shall be metre-cut/ welded. PVC DOOR FRAME (Nandi or equivalent )	1 RM	<b>215.00</b>
721	BMT-N.47	Supply and fixing of door frame made of hollow extruded PVC section (Nandi or equivalent) having dimensions of 40 X 46 mm with the wall thickness of 2mm +/- 0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2 corners shall be mitre cut/welded	1 RM	<b>187.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
722	BMT-N.48	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with std. Spn (S.S.) fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work.: Single shutter 2'-0" x 4'-0" (609.6x1219.2mm) shutter section size 20 x 40 mm	1 Sqm	<b>1,034.00</b>
723	BMT-N.49	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with std. Spn (S.S.) fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work.: Double shutter 3'-0" x 4'-0" (914.4 x 1219.2mm) shutter section size 20 x 40 mm	1 Sqm	<b>1,034.00</b>
724	BMT-N.50	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with std. Spn (S.S.) fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work.: Double shutter 4'-0" x 4'-0" (1219.2 x 1219.2mm) shutter section size 20 x 40 mm	1 Sqm	<b>1,034.00</b>
725	BMT-N.51	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work.: Single shutter 2'-0" x 4'-0" (609.6x1219.2mm) shutter section size 20 x 40 mm	1 Sqm	<b>881.00</b>
726	BMT-N.52	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work.: Double shutter 3'-0" x 4'-0" (914.4 x 1219.2mm) shutter section size 20 x 40 mm	1 Sqm	<b>881.00</b>
727	BMT-N.53	Supply & fixing of Fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work.: Double shutter 4'-0" x 4'-0" (1219.2 x 1219.2mm) shutter section size 20 x 40 mm	1 Sqm	<b>881.00</b>
728	BMT-N.54	Supply & fixing of Door frames made of all formed sections of 1.25mm thick CRCA section; size should be 50x60mm with 32mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. complete for finished item.: Single shutter 3'-0" x 7'-0" (914.4x2133.6mm) outer frame section size of 50 x 60 mm	1RM	<b>204.00</b>
729	BMT-N.55	Supply & fixing of Door frames made of all formed sections of 1.25mm thick CRCA section; size should be 50x60mm with 32mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. complete for finished item.: Double shutter 5'-0" x 7'-0" (1524 x 2133.6mm) outer frame section size of 50 x 60 mm	1 RM	<b>204.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
730	BMT-N.56	Supplying & fixing of Door frame made of roll formed section of 1.25 mm thick CRCA section, size should be 50 x 60 mm with 32 mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. Complete for finished item of work.: Single shutter 3'-0" x 7'-0" (914.4x2133.6mm) outer frame section size of 50 x 75 mm	1 RM	<b>232.00</b>
731	BMT-N.57	Supplying & fixing of Door frame made of roll formed section of 1.25 mm thick CRCA section, size should be 50 x 60 mm with 32 mm rebate. The corner of the frame should be welded. The frame should be painted with one coat of primer and finished painted with pure polyester paint. The frame should be provided with approved quality butt hinges of 3 Nos. Complete for finished item of work.: Single shutter 5'-0" x 7'-0" (1524x2133.6mm) outer frame section size of 50 x 75 mm	1 RM	<b>232.00</b>
732	BMT-N.58	Providing and fixing door frames fabricated from sections made of galvanized steel powder coated (base steel as per IS 513, galvanised as per IS 277 with zinc of 120 grams / square metre), the factory made section are powder coated with pure polyester powder of 50-60 microns thick with total coated thickness of 1.25 mm, size of door frame section is of 105 x 60 mm with a rebate of 38 mm to accommodate 35 mm thick door shutter, with groove to insert gasket in the frame section, frame section filled with polyurethane foam, cut to length, and joined by way of welding, each frame provided with: a) 2mm thick MS powder coated butt hinges of 100 mm long – 3 Nos. for single shutter, 6 Nos. for double shutter. b) CRCA electroplates stiffeners of 6 Nos. – 3 in each vertical. c) 40 mm x 200 mm x 1.2 mm hold fasts screwed to stiffeners – 6 Nos. with split end tail. d) Nylon Aldrops Receiver – 1 No. for single shutter frame. e) Tie Rod – 1 No	1 RM	<b>656.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
733	BMT-N.59	Providing and fixing of door frames factory made, internal door frames without threshold, fabricated from pre painted cold roll formed section 100 mm x 60 mm made of galvanized (base steel as per IS-513 'D' quality galvanized as per IS-277 with Zinc of 120 Grams/sqm) steel colour coated sections with total coated thickness of 1 mm primer coated with epoxy primer of 5-7 microns thick finish painted with polyester paint of 12-16 microns and back coated with alkyd backer of 5-7 microns, the frame section filled with polyurethane (PU Foam) of 40 kg/Cum and the sections cut to length and mitre joined by means of 1.25 mm thick CRCA electroplated corner brackets of size 75 x 75 mm and 1.25 mm thick electroplated stiffeners of size 150 mm for fixing hold fasts and hinges with MS Powder coated fittings a) 6 Nos M.S. Z Type hold fasts made of 30 mm x 3 mm MS flat of 230 mm long, 3 Nos each size expandable PVC covered screw type fasteners b) 2.5 mm x 300 mm long 'T' hinges /2.5 mm x 50 mm x 50 mm x 100 mm two way but hinges (3 Nos for single leaf or 2 Nos for Double leaf/leaf) c) 12 mm dia MS tie rod at bottom with necessary size of nuts on either side.	1 RM	<b>443.00</b>
734	BMT-N.60	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding doors <b>three track - only two glass shutters sliding - 95 - Series</b> duly manufactured using UPVC reinforced profiles of 95.50 mm x 60 mm x 2.25 mm for outer frames, 66 mm x 42 mm x 2.25 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 sqm	<b>5,970.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
735	BMT-N.61	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding doors three track - two glass shutters sliding and one mesh shutter sliding- 95 -Series duly manufactured using UPVC reinforced profiles of (108 mm x 45 mm)/(95.50 mm x 60 mm) x 2.0 mm for outer frames, (75 mm x 39 mm)/(66 mm x 42 mm) x 2.0 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make and mesh shutter shall be made of (48.5 mm x 30 mm)/(50 mm x 26.5 mm) x 2.0 mm uPVC profile section and fitted with nylon/polymer mesh and rollers/pulley duly fixed with TPV Gaskets/ EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 sqm	<b>6,597.00</b>
736	BMT-N.62	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding doors three track - three glass shutters sliding - 112 - Series duly manufactured using UPVC reinforced profiles of 112.0 mm x 60 mm x 2.25 mm for outer frames, 66 mm x 42 mm x 2.25 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make and fixed with EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 sqm	<b>6,284.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
737	BMT-N.63	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) openable doors with openable shutters duly manufactured using UPVC reinforced profiles of 60 mm x 55 mm x 2.0 mm for outer frames, 70 mm x 60 mm x 2.25 mm for mullion sections as per the need and 102 mm x 60 mm x 2.0 mm for openable shutter frame capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with TPV Gaskets/ EPDM weathering seal resistant and accessories for openable door - hinges of stainless steel grade 304- 3 Nos., per shutter handle with mazak alloy casting 1 No. per shutter, locking system suitably concealed 1 No., with raiser wedges for smooth operation and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	<b>7,477.00</b>
738	BMT-N.64	Supplying and fixing door shutter, with shutter frame and infill panel made from PVC material conforming to IS: 10151-1982, the shutter frame made out of PVC extruded sections having overall dimension of 47 mm x 33 mm with wall thickness of 1.2mm + 0.3mm with usual process variation, the shutter frame with tapered shape to provide better grip to the infill panel end to drain out the water The Infill panel is made out of PVC Sections having Overall Dimensions of 200 mm x 20 mm with wall thickness of 1mm + 0.2mm, the shutter frames mitre cut and joined at the corner, by providing Polymeric “ L” type corners to take hardware & fixtures fixed with 10-20mm counter sunk fully threaded parallel shank steel screws, all the hardware locations reinforced with special polymeric bars as per drawings, stickers showing locations of different hardware pasted on the shutter, the infill panels joined by tongue and groove method.	1 Sqm	<b>969.00</b>
739	BMT-N.65	PVC Door shutter conforming to IS: 10151-1982, the infill panel made of seamless one piece multi chamber PVC extruded sections having overall dimensions of 610 mm x 20 mm with wall thickness of 1mm + 0.2mm with the top and bottom edges of the shutter covered with end cap of the size 20 mm x 11 mm with the door shutter to be reinforced with special polymeric reinforcements as per drawing for hardware's and fixtures. Stickers indicating the locations of hardware will be pasted at appropriate places.	1 Sqm	<b>1,153.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
740	BMT-N.66	Providing & Fixing of Scientific Doors with metal door frames and door shutters made of galvanize steel (base steel as per IS 513 of 0.58 mm thick D quality, galvanized as per IS 277 with Zinc of 120 GSM) coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability/Epoxy polyester powder for powder coating paint thickness 50-60 microns (Dry film thickness) outer frame section of 100 x 58 mm x 1.2 mm thick, shutter section of 0.80 mm thick galvanized steel sheet pressed (roll formed) for 46mm thick fully flush, double skin door shell seam joints at stile edges, in-fill of honeycomb Kraft paper used to give the required rigidity and effective acoustic insulation with 6" Tower bolt – 1 No., 6" D handles – 2 Nos., 10" Aldrops – 1 No., Butt Hinges – 3 Nos, Mortise Lock of approved quality – 1 No, frames fixed to the concrete/masonry wall by means of self expanding screws complete for finished item of work for Single leaf Door	1 Sqm	<b>8,889.00</b>
741	BMT-N.67	Providing & Fixing of Scientific Doors with metal door frames and door shutters made of galvanize steel (base steel as per IS 513 of 0.58 mm thick D quality, galvanized as per IS 277 with Zinc of 120 GSM). coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability/Epoxy polyester powder for powder coating paint thickness 50-60 microns (Dry film thickness) outer frame section of 100 x 58 mm x 1.2 mm thick, shutter section of 0.80 mm thick galvanized steel sheet pressed (roll formed) for 46mm thick fully flush, double skin door shell seam joints at stile edges, in-fill of honeycomb Kraft paper used to give the required rigidity and effective acoustic insulation with 6" Tower bolt – 2 Nos., 6" D handles – 2 Nos., 10" Aldrops – 1 No., Butt Hinges – 6 Nos, Mortise Lock of approved quality – 1 No, frames fixed to the concrete/masonry wall by means of self expanding screws complete for finished item of work for Double leaf Door	1 Sqm	<b>9,482.00</b>
742	BMT-N.68	Moulded panel solid core flush doors using water-resistant hardwood fibre HDF / MDF fibre boards skins of 2.5 mm thick of Masonite or equivalent doors - 30 mm thick	1 Sqm	<b>1,806.00</b>
743	BMT-N.69	Moulded panel solid core flush doors using water-resistant hardwood fibre HDF / MDF fibre boards skins of 2.5 mm thick Masonite or equivalent doors - 35 mm thick	1 Sqm	<b>1,974.00</b>
744	BMT-N.70	Solid core membrane flush doors using rigid PVC membrane of 0.3 mm thick of different elegant shades doors - 30 mm thick	1 Sqm	<b>1,467.00</b>
745	BMT-N.71	Solid core membrane flush doors using rigid PVC membrane of 0.3 mm thick of different elegant shades doors - 35 mm thick	1 Sqm	<b>1,624.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
746	BMT-N.72	Providing & fixing 30 mm thick solid panel PVC door shutter consisting of frame made out of 19 gauge M.S tube of 19 x 19 mm for stiles, top & bottom rail, with a coat of primer of approved make. M.S. Frame covered with 5 mm thick heat moulded PVC "C" channel of size of 30 x 50 mm forming stiles, 5 mm thick 75 mm wide PVC sheet for top, lock & bottom rail on either side 20 mm wide cross PVC sheet as gap insert for top & bottom rail, panelling of 10mm(+/-)( 5mm+5mm)" thick PVC sheet fitted in the M.S. frame welded /sealed to the stiles, on either side joined together with solvent cement adhesive etc., additional 5 mm thick PVC strip of 20 mm width stuck on the interior side of the C channel using solvent cement, complete as per direction of Engineer-in-charge, manufacturers specification.	1 Sqm	<b>2,829.00</b>
747	BMT-N.73	Supply & Fixing SOLID STEEL DOOR door shutter made out of G I Sheet with an average wall thickness of 0.35 mm on both sides. MS Tube having dimensions of 19 x 19 mm is inserted along the hinge side of the door, core of the door shutter filled with High Density Polyurethane foam injected with the help of hydraulic injection method, four sides of the door covered with G I Sheet and the hardware locations reinforced with suitable wooden blocks as per drawing and stickers indicating location of the hardware pasted at appropriate places, etc complete	1 Sqm	<b>1,382.00</b>
748	BMT-N.74	Supplying & fixing SINGLE PANEL 30 mm thick PVC DOOR, door shutters with shutter frame and Infill panel made from PVC material, the shutter frame made out of PVC extruded sections having overall dimensions of 60 mm x 30 mm with wall thickness of 1.3 mm ± 0.3 mm, with the Infill panel made out of multi chambered seamless hollow PVC extruded panel having overall dimensions of 610 mm x 20 mm having wall thickness 1 mm ± 0.2 mm with the shutter frame meter cut and joined at corners and all the hardware locations reinforced with special polymeric bars as per drawing including providing special PVC bracket on hinge side, etc complete	1 Sqm	<b>2,431.00</b>
749	BMT-N.75	deleted		
750	BMT-N.76	Providing & fixing internal prelamated PVC door frame of size 100 x 45 mm with a wall thickness of 5mm, made of extruded 5 mm Prelam PVC foam sheet, mitred cut at two corners and joined with two nos. of 150mm long brackets of 15 x 15 mm MS square tube, two vertical door profiles reinforced with 40 x 20 MS Tube of 19 gauge throughout the frame and the door frame fixed to the wall using 65/100mm long MS screws through the frame by using PVC fasteners with a minimum of 3 nos of screws provided for each vertical member and two nos. for horizontal, etc complete as per drawing and direction of Engineer in Charge	1 RM	<b>561.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
751	BMT-N.77	Supply & Fixing of Powder Coated Mild Steel doors, frames & shutters made of Skin pass galvanized Iron sheet conforming to Base Steel as per IS 513 "D" Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams / Sq.Mtr with powder coating of thickness 60-65 Microns, frame with 1.2mm thick Skin pass Galvanized Iron sheet formed to single rebate profile of size 100 mm X 58 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Skin pass Galvanized Iron Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for industrial, commercial, residential, clean room applications	1 Sqm	<b>10,400.00</b>
752	BMT-N.78	Supply & Fixing of Stainless steel doors, frames & shutters made of stainless steel grade 304 of hairline finish, frame with 1.2mm thick formed to single rebate profile of size 100 mm X 58 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Stainless steel Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for industrial, commercial, residential, clean room applications	1 Sqm	<b>19,500.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
753	BMT-N.79	Supply & Fixing of Powder Coated Fire Rated doors, frames & shutters made of Skin pass galvanized Iron sheet conforming to Base Steel as per IS 513 "D" Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams / Sq.Mtr with powder coating of thickness 60-65 Microns, frame with 1.2mm thick Skin pass Galvanized Iron sheet formed to double rebate profile of size 143 mm X 58 mm with maximum bending radius of 1.4 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Skin pass Galvanized Iron Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for 120 minutes Fire Rated door conforming to IS:3614 (Part2) 1992	1 Sqm	<b>12,350.00</b>
754	BMT-N.80	Supply & Fixing of Powder Coated Fire Rated doors, frames & shutters made of Skin pass galvanized Iron sheet conforming to Base Steel as per IS 513 "D" Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams / Sq.Mtr with powder coating of thickness 60-65 Microns, frame with 1.2mm thick Skin pass Galvanized Iron sheet formed to double rebate profile of size 143 mm X 58 mm with maximum bending radius of 1.4 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Skin pass Galvanized Iron Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for 60 minutes Fire Rated door conforming to IS:3614 (Part2) 1992	1 Sqm	<b>11,700.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
755	BMT-N.81	Supply & Fixing of Stainless steel Fire Rated doors, frames & shutters made of Stainless steel of 304 grade hairline finish, frame with 1.2mm thick Stainless steel of 304 grade hairline finish sheet formed to double rebate profile of size 143 mm X 58 mm with maximum bending radius of 1.4 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Stainless steel of 304 grade hairline finish Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for 120 minutes Fire Rated door conforming to IS:3614 (Part2) 1992	1 Sqm	<b>19,500.00</b>
756	BMT-N.82	Supply & Fixing of Stainless steel Fire Rated doors, frames & shutters made of Stainless steel of 304 grade hairline finish, frame with 1.2mm thick Stainless steel of 304 grade hairline finish sheet formed to double rebate profile of size 143 mm X 58 mm with maximum bending radius of 1.4 mm and filled with in-fill Polyurethane foam, the Door Shutters are with 0.80 mm thick Stainless steel of 304 grade hairline finish Sheet formed to provide a 46 mm thick fully flush, double skin door shell with Lock Seam joints at stile edges, fitted with in-fill of Honeycomb Kraft Paper and coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns and are coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, the Shutter provided with 6 MM clear float vision glass in Circular, Square or Rectangular shapes, Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter (Profile 102x76x3mm thick).Mortise Sash Lock with Lever Handles, Mortise Dead Bolt, etc for 60 minutes Fire Rated door conforming to IS:3614 (Part2) 1992	1 Sqm	<b>17,000.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
757	BMT-N.83	Supply & Fixing of Lead Lined Clean room doors frames and shutters made of Skin pass galvanized Iron sheet (Conform to Base Steel as per IS 513 “D” Quality, Galvanized as per IS 277 with Hot Zinc Coating of 120 grams / Sq.Mtr).with powder coating of thickness 60-65 Microns, frame of 1.60mm thick galvanized steel sheet (Conform to IS 277) formed to Single/double rebate profile of size 100mm X 58mm/ 143x58mm, door frames with a single / multi Layer of Lead sheet varying thickness from 3mm /1mm to 2mm depends on radiation level, the shutter with 1.2 mm thick Galvanized Steel Sheet (Conform to IS 277) formed to provide a 46mm thick fully flush, double skin door shell with Lock Seam joints at stile edges with a single / multi Layer of Lead sheet varying thickness from 3mm /1mm to 2mm depends on radiation level, the lead sheets extend the full width and height of the door, Lead thickness is equal to the shielding in the adjacent wall, the door frames and door shutters are coated with polyester powders of Pure polyester/ epoxy polyester or polyurethane powder for powder coating of thickness 60 – 65 microns, coated with Zinc Phosphate Primer to receive any paint on site or finished with Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability, hardware with Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter etc complete for finished item	1 Sqm	14,000.00
758	BMT-N.84	Supply & Fixing of Lead Lined Stainless steel Clean room door frames and shutters made of Stainless steel grade of 304 hairline finish, frame with 1.60mm (16SWG) thick hairline finish Stainless steel grade of 304 formed to Single/double rebate profile of size 100 mm x 58mm/ 143 x 58 mm, door frames with a single / multi Layer of Lead sheet varying thickness from 3mm /1mm to 2mm depends on radiation level, the shutter with 1.2 mm thick hairline finish Stainless steel grade of 304 formed to provide a 46mm thick fully flush, double skin door shell with Lock Seam joints at stile edges with a single / multi Layer of Lead sheet varying thickness from 3mm /1mm to 2mm depends on radiation level. The lead sheets extend the full width and height of the door. Lead thickness is to be equal to the shielding in the adjacent wall. Hardware can be provided with Stainless Steel Ball Bearing Butt Hinges 3 mm thick fixed flush to the frame and shutter etc complete for finished item of work	1 Sqm	22,100.00
759	BMT-N.85	Supply and fixing of V- BOARD (conforming to IS 14862) door shutter with all-round style “U” lipping size 15 x 18 x 15 mm made from 0.8 mm thick powder coated cold rolled steel profiles with 16 mm thick V-BOARD with necessary screws fixed at 1’-0” interval 250 mm long Aldrops 2 nos. M.S. nickel coated 250 mm long 1 no. M.S. Tower Bolts Including cost and	1 Sqm	1,400.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		conveyance of all materials at site and applying 1 coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.		
760	BMT-N.86	Supply and fixing of V- BOARD (conforming to IS 14862) 12 mm thick door shutter of size 6'0" x 2'6" with all-round style "U" lipping size 15 x 14 x 15 mm made from 0.8 mm thick powder coated cold rolled steel profiles with necessary screws fixed at 1'-0" interval 250 mm long Aldrops 2 nos. M.S. nickel coated 250 mm long 1 no. M.S. Tower Bolts Including cost and conveyance of all materials at site and applying 1 coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved design for finished item of work.	1 Sqm	<b>1,200.00</b>
761	BMT-N.87	Providing and fixing frame made from 1.2 mm powder coated cold rolled steel profiles of overall section size of 60 mm x 45 mm with 21 mm rivet for shutter with necessary stiffeners hinges and screws. V- BOARD (IS 14862) shutter with all-round style "U" lipping of size 15 x 18 x 15 mm made from 0.8 mm thick CRCA powder coated steel profile with 16 mm thick V-board with necessary screws fixed at every 1'-0" interval 250 mm long Aldrops 2 nos. M.S. nickel coated 250 mm long 1 no. M.S. Tower Bolts Including cost and conveyance. One coat of primer, 2 coats of luppum and 2 coats of synthetic enamel paint as per approved colour, labour charges etc.	1 Sqm	<b>1,650.00</b>
762	BMT-N.88	Providing, supplying & fixing of glazed <b>2 Track -2 Panel Sliding Door</b> made out of multi chambered uPVC sections with TPV gaskets having isolated drainage and reinforced with Galvanized Iron profiles throughout the window. The sliding outer frame having a overall size of 60 x 45 mm with reinforcement of 1 mm thickness, super sash with overall size of 39 x 75 mm with reinforcement of 1.5 mm thickness. Glazing bead for fixing of glass shall be of size 20 x 18mm and coextruded with gasket. Fibre Glass mesh shall be provided in mesh shutter. Window/Door shall be provided with 6 mm plain float glass, standard hardware & multi point locking system of Patio espagnolette. Wall thickness of frame & sash shall be 2.0 mm	1 Sqm	<b>5,307.00</b>
<b>P</b>		<b>WINDOWS</b>		

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		Supplying and fixing of WINDOWS with Prelaminated Cement Bonded Particle boards and Pre-Painted Steel Sections fabricated from pre-painted Cold rolled formed sections made of galvanized steel colour coated sections (Base steel as per IS-512 D quality, galvanized as per IS-277 with Zinc of 120 gram/sqm) with total coated thickness of 0.58mm primer coated with epoxy primer of 5-7 microns thick, finish painted with polyester paint of 12-16 microns and back coated with alkyd backer of 5-7 microns), sections for outer frame and centre mullion (duly filled with PU foam of 40 kg/Cum) of 60mm x 50mm, with provision for fixing glazed shutter and the section for glazed/paneled of size 48 mm x 25 mm and another section of size 60 mm x 23 mm provided for separating glazed and paneled portion, the section cut to length and mitre jointed with plastic corner brackets and with corner brackets for window outer frames of 50mm x 60mm, the mullion section fixed to the frame with plastic mullion cap and stiffener plates of size 60 mm x 50 mm made of 1.25mm thick CRCA electroplated provided to fix window frames to concrete/masonry, gasket for fixing glass and 10mm both sides pre-laminated cement bonded particle board and 5 mm thick colour pin headed glass provided for glazing and providing guard bars of 10 mm square rods duly welded at 150 mm pitch to MS flat section of size 18 mm and 3 mm thick, and fixed to wall by means of self expansion nylon Cap (75) and electroplated wooden screws of size 100 mm, together with aluminium powder coated fittings, A) 75mm long grip handles 1 no per shutter, B) 75 mm long tower bolts 2 nos. per shutter, C) Heavy duty SS Pivot hinges 2 nos per shutter, D) MS Powder coated telescopic stay 1 no per shutter.		
763	BMT-P.01	Pre Laminated Cement Bonded Particle Board WINDOWS – Single shutter 2'0"x4'0" outer frame section size of 50mm x 60mm shutter frame section size of 48mm x 25mm	1 Sqm	4,408.00
764	BMT-P.02	Pre Laminated Cement Bonded Particle Board WINDOWS – Double shutter 3'0" x 4'0" outer frame section size of 50mm x 60mm shutter frame section size of 48mm x 25mm mullion section size of 50mm x 60mm for outer frame	1 Sqm	4,452.00
765	BMT-P.03	Pre Laminated Cement Bonded Particle Board WINDOWS – Double shutter 3'0" x 3'0" outer frame section size of 50mm x 60mm shutter frame section size of 48mm x 25mm Mullion section size of 50mm x 60mm for outer frame.	1 Sqm	4,860.00
766	BMT-P.04	Pre Laminated Cement Bonded Particle Board WINDOWS – Double shutter 4'0"x4'0" outer frame section size of 50mm x 60mm shutter frame section size of 48mm x 25mm Mullion section size of 50mm x 60mm for outer frame.	1 Sqm	4,408.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
767	BMT-P.05	Pre Laminated Cement Bonded Particle Board WINDOWS – Centre fixed both side openable shutters 6'0"x4'0" outer frame section size 50 mm x 60 mm shutter frame section size of 48mm x 25mm, Mullion section size of 50mm x 60mm fixed beading section size of 12mm x 12mm.	1 Sqm	3,959.00
768	BMT-P.06	Supply and fixing of openable window made out of extruded PVC section and the outer frame having overall dimensions of 40 x 48 mm with a wall thickness of 1.5 mm and the shutter frame with overall dimensions of 26 x 47 mm and wall thickness of 1.2mm ± 0.3mm provided with 5mm glazing, the centre mullion having over all dimensions of 25 x 32.5mm ±0.3mm, complete, for finished item of work.	1 Sqm.	3,095.00
769	BMT-P.07	Supply and fixing of two track or three track sliding window with the outer frame of 58 x 45mm with a wall thickness of 1.2mm ± 0.3mm and the sliding shutter frame made of PVC section 57 x 32mm with overall dimensions of 1.5mm ± 0.3mm provided with 5mm glazing including roller bearings and arrestor type handle cum lock complete, for finished item of work.	1 Sqm.	2,757.00
		Supply and fixing of pre-painted steel windows & top hung and fixed louvered ventilators made of pre - painted steel (base steel as per IS 513 of -0.58 mm thick 'D' quality, galvanized as per IS 277 with zinc of 120 GSM) primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer, section for outer frame of 46 x 52 mm section and for shutter of 46 x 46 mm section for mullion 46 x 70 mm, and section for beading should be 18 x 25 mm and section for louvered ventilation of 33 x 56 mm Box section and the windows panelled with 5 mm thick plain float glass & 4 mm pinhead glass for ventilators with Ethyl propylene Diamine monomer Gasket (EPDM) and the sections cut to length mitre joined with corner bracket centre mullions fixed using mullion cap and with handle made of high grade aluminium powder coated and nylon receiver, corner brackets made of CRCA with Zinc Phosphate, Mullion caps made of glass filled nylon, frames fixed to the concrete /masonry wall by means of self expanding screws including 10 mm square guard bars with 6" pitch complete for finished item of work.		
770	BMT-P.08	<b>Windows:</b> Single shutter 2'0 x 4'0 (609.6 x 1219.2 mm ) Outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm	1 sqm	5,460.00
771	BMT-P.09	<b>Windows:</b> Double shutter 3'-0" x 4'-0" (914.4mm x 1219.2 mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm	1 Sqm	5,460.00
772	BMT-P.10	<b>Windows:</b> Double shutter 3'-0" x 4'-0" (914.4mm x 1219.2 mm) outer frame section size of 46 x 52 mm shutter frame	1 Sqm	5,775.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		section size of 46 x 46 mm Mullion section size of 46 x 70 mm		
773	BMT-P.11	<b>Windows:</b> Double shutter 4'-0" x 4'-0" (1219.2x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm	1 Sqm	<b>5,618.00</b>
774	BMT-P.12	<b>Windows:</b> Double shutter 4'-0" x 4'-0" (1219.2x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	<b>5,775.00</b>
775	BMT-P.13	<b>Windows:</b> Double shutter 4'-6" x 4'-6" (1371.6x1371.6mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	<b>5,145.00</b>
776	BMT-P.14	<b>Windows:</b> Centre fixed both side openable shutter 5'-0" x 4'-0" (1524x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm fixed beading section size of 18 x 25 mm	1 Sqm	<b>5,145.00</b>
777	BMT-P.15	<b>Windows:</b> Centre fixed both side openable shutter 6'-0" x 4'-0" (1828.8x1219.2mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm fixed beading section size of 18 x 25 mm	1 Sqm	<b>5,145.00</b>
778	BMT-P.16	<b>Windows:</b> Centre fixed both side openable shutter 6'-0" x 4'-6" (1828.8x1371.6mm) outer frame section size of 46 x 52 mm shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm fixed beading section size of 18 x 25 mm	1 Sqm	<b>5,145.00</b>
779	BMT-P.17	<b>Ventilators:</b> Top Hung 2'-0" x 2'-0" (609.6x609.6mm) outer frame section size of 46mm x 52 mm shutter frame section size of 46mm x 46 mm	1 Sqm	<b>5,985.00</b>
780	BMT-P.18	<b>Ventilators:</b> Top Hung 4'-0" x 2'-0" (1219.2x609.6mm) outer frame section size of 46 x 52 m shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	<b>5,985.00</b>
781	BMT-P.19	<b>Ventilators:</b> Top Hung 4'-0" x 3'-0" (1219.2x914.4mm) outer frame section size of 46 x 52m m shutter frame section size of 46 x 46 mm Mullion section size of 46 x 70 mm	1 Sqm	<b>5,985.00</b>
782	BMT-P.20	<b>Ventilators:</b> Fixed louvers 2'-0" x 2'-0" (609.6x609.6mm)(Box section) outer frame section size of 33 x 56 mm	1 Sqm	<b>4,095.00</b>
783	BMT-P.21	<b>Ventilators:</b> Fixed louvers 4'-0" x 2'-0" (1219.2 x 609.6 mm) (Box section) outer frame section size of 33 x 56 mm Mullion section size of 33 x 56 mm	1 Sqm	<b>4,095.00</b>
784	BMT-P.22	<b>Ventilators:</b> Fixed louvers 4'-0" x 3'-0" (1219.2 x 914.4 mm) (Box section) outer frame section size of 33 x 56 mm Mullion section size of 33 x 56 mm	1 Sqm	<b>4,095.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		Providing and fixing of Openable Windows made of pre-painted steel (Base steel as per IS 513 of 0.58 mm thick galvanized as per IS 277 with Zinc of 120 GSM), primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer and section for outer frame of 48 x 50 mm, centre mullion of 48 x 50 mm, section for shutter of 48 x 25 mm and the fixed glass beading section should be 12 x 12 mm and the outer frame and mullions to have rebate for glazed shutter with a 20 mm provision for guard bars/grills and the sections cut to length metre joined with corner bracket, centre mullion fixed with mullion cap, handle, stay, 2 nos. of stainless steel heavy duty pivot hinges provided per shutter and windows fitted with 5 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work.		
785	BMT-P.23	Single shutter Window 2'0"x4'0" (609.6mm x 1219.2mm). Outer frame section size of 48x50mm shutter frame section size of 48 x 25 mm.	1 Sqm	<b>4,988.00</b>
786	BMT-P.24	Double shutter Window with vertical mullion 3'0" x 4'0" (914.4mm x 1219.2mm) outer frame section size of 48x50mm shutter frame section size of 48 x 25 mm. Mullion section size of 48x50mm.	1 Sqm	<b>5,303.00</b>
787	BMT-P.25	Double shutter Window with vertical member 4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame section size of 48x50mm shutter frame section size of 48 x 25 mm and mullion section should be of 48x50mm.	1 Sqm	<b>5,303.00</b>
788	BMT-P.26	Centre fixed both side openable shutter window 5'0"x4'0" (1524mm x1219.2mm). Outer frame section size of 48x50mm. Shutter frame section size of 48 x 25 mm. Mullion section size of 48x50mm. Fixed beading section size of 12x12mm.	1 Sqm	<b>4,673.00</b>
789	BMT-P.27	Centre fixed both side openable shutter window 6'0"x4'0" (1828.8mm x1219.2mm). Outer frame section size of 48x50mm. Shutter frame section size of 48 x 25 mm. Mullion section size of 48x50mm. Fixed beading section size of 12 x 12mm.	1 Sqm	<b>4,673.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		Providing & Fixing of Openable Windows with Fly-mesh made of pre-painted steel (Base Steel as per IS 513 of 0.58 mm thick galvanized as per IS 277 with zinc of 150 GSM) primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer and the section for outer frame of 72 x 55mm, centre mullion of 72 x 50mm, section for fixed glass beading section of 12 x 12 mm and section for shutters of 48 x 25 mm and outer frame & mullion sections with rebate for glazed shutters, fly mesh and a 20 mm provision for guard bars/grills and fly mesh shutter section of 20 x 40 mm and the sections cut to length metre joined with corner bracket, centre mullions fixed with mullion cap, stay, handles, latch 2 Nos of heavy duty stainless steel pivot hinges per shutter and panelled with 5mm thick plain float glass and S.S. Mesh for fly mesh shutter (304 grade), fitted using rubber gaskets including fixing the windows in the concrete/masonry wall by means of self expanding screws, including 10mm Square guard bars with 6" (152.4mm) pitch , complete for finished item of work		
790	BMT-P.28	Single shutter Window 2'0"x4'0" (609.6mm x 1219.2mm). Outer frame section size of 72x50mm shutter frame section size of 48 x 25 mm.	1 Sqm	<b>6,615.00</b>
791	BMT-P.29	Double shutter Window with vertical mullion 3'0" x 4'0" ( 914.4mm x 1219.2mm) outer frame section size of 72x50mm shutter frame section size of 48 x 25 mm. Mullion section size of 72x50mm.	1 Sqm	<b>6,930.00</b>
792	BMT-P.30	Double shutter Window with vertical member 4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame section size of 72x50mm shutter frame section size of 48 x 25 mm and mullion section should be of 72x50mm.	1 Sqm	<b>6,930.00</b>
793	BMT-P.31	Centre fixed both side openable shutter window 5'0"x4'0" (1524mm x1219.2mm). Outer frame section size of 72x50mm. Shutter frame section size of 48 x 25 mm. Mullion section size of 72x50mm. Fixed beading section size of 12 x 12 mm.	1 Sqm	<b>6,300.00</b>
794	BMT-P.32	Centre fixed both side openable shutter window 6'0"x4'0" (1828.8mm x1219.2mm). Outer frame section size of 72x50mm. Shutter frame section size of 48 x 25 mm. Mullion section size of 72x50mm. Fixed beading section size of 12 x 12 mm.	1 Sqm	<b>5,513.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
795	BMT-P.33	Providing and Fixing Pre-painted steel Sliding Window fabricated from Roll formed sections made of galvanized Steel colour coated/powder coated (Base Steel as per IS 513 'D' quality, galvanized as per IS 277 with zinc of 120 GM/Sq.mtr) with total coated thickness of 0.58 mm, primer coat with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with Alkyd backer of 5-7 microns or powder coated with pure polyester powder up to 50-60 microns thick and the section for external frame bottom of 79 x 44 mm, external frame sides and top of 69 x 24 mm, guide for top and bottom of 69 x 26 mm (Stainless Steel) and section for shutter of 26 x 30 mm and panelled with 5mm thick plain float glass fitted with corner bracket for internal and external frame made of glass filled nylon, gaskets made of Ethyl Propylene Diamine Monomer (EPDM), sections cut to length, joined and assembled by means of corner bracket, including fixing windows in the concrete/masonry walls by means of self expanding brackets & screws including 10mm square guard bars with 6" pitch (152.4mm) and all taxes etc., complete for finished item of work	1 sqm	<b>5,864.00</b>
796	BMT-P.34	deleted		
797	BMT-P.35	deleted		
798	BMT-P.36	deleted		
799	BMT-P.37	deleted		
800	BMT-P.38	deleted		
801	BMT-P.39	deleted		
802	BMT-P.40	deleted		
803	BMT-P.41	deleted		
804	BMT-P.42	deleted		
805	BMT-P.43	deleted		
806	BMT-P.44	deleted		
807	BMT-P.45	deleted		
808	BMT-P.46	deleted		
809	BMT-P.47	deleted		
810	BMT-P.48	deleted		
811	BMT-P.49	deleted		
812	BMT-P.50	deleted		
813	BMT-P.51	deleted		
814	BMT-P.52	deleted		
815	BMT-P.53	deleted		
816	BMT-P.54	deleted		
817	BMT-P.55	deleted		
818	BMT-P.56	deleted		
819	BMT-P.57	deleted		
820	BMT-P.58	deleted		

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
821	BMT-P.59	Supply & fixing of fly mesh shutters of size 20x40mm fly proof mesh with std. Spn (S.S) fly mesh including cost and conveyance of all materials, and labour charges etc. Complete for finished item of work including of all taxes. : Single shutter 2'-0" x 4'-0" ( 609.6 x 1219.2mm) Shutter section size 20 x 40mm	1 Sqm	1,050.00
822	BMT-P.60	Supply & fixing of fly mesh shutters of size 20x40mm fly proof mesh with std. Spn (S.S) fly mesh including cost and conveyance of all materials, and labour charges etc. Complete for finished item of work including of all taxes. Double shutter 3'-0" x 4'-0" (914.4 x 1219.2mm) shutter section size 20 x 40mm	1 Sqm	1,050.00
823	BMT-P.61	Supply & fixing of fly mesh shutters of size 20x40mm fly proof mesh with std. Spn (S.S) fly mesh including cost and conveyance of all materials, and labour charges etc. Complete for finished item of work including of all taxes. Double shutter 4'-0" x 4'-0" (1219.2 x 1219.2mm) shutter section size 20 x 40mm	1 Sqm	1,050.00
824	BMT-P.62	Supply & fixing of fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work including of all taxes. Single shutter 2'-0" x 4'-0" (609.6 x 1219.2mm) shutter section size 20 x 40mm	1 Sqm	905.00
825	BMT-P.63	Supply & fixing of fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work including of all taxes. Double shutter 3'-0" x 4'-0" ( 914.4 x 1219.2mm) shutter section size 20 x 40 mm	1 Sqm	905.00
826	BMT-P.64	Supply & fixing of fly mesh shutters of size 20 x 40 mm fly proof mesh with Netlon fly mesh including cost and conveyance of all materials, and labour charges etc. complete for finished item of work including of all taxes. Double shutter 4'-0" x 4'-0" (1219.2 x 1219.2 mm) shutter section size 20 x 40 mm	1 Sqm	905.00
827	BMT-P.65	Supply and fixing fly mesh window with sections made of pre painted steel (Base steel as per IS 513 of 'D' quality, Galvanized as per IS 277 with zinc of 120 GSM), primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12 to 16 microns thick and back coated with 5-7 microns thick alkyd baker with total coated thickness of 0.58 mm for shutter frame and 0.8 for outer frame, the section for outer frame of 30 x 30 mm and fly mesh shutter section of 20 x 40mm outer frame sections with rebate for fly mesh shutters and sections cut to length metre jointed with corner bracket and fitted with aluminium 'T' section of double shutter & above, SS fly mesh shutter (304 grade) and EPD gasket including fixing the frames in the concrete/ masonry wall by means of left expending screws, latch, 2 nos of heavy duty GI pivot hinges provided per shutter (304 grade) including all	1 Sqm	4,251.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		taxes complete for finished item of work.		
828	BMT-P.66	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding windows <b>two track sliding</b> duly manufactured using UPVC reinforced profiles of (62 mm x 60 mm)/(60 mm x 45 mm) x 2.0 mm for outer frames, (66 mm x 38 mm)/(58 mm x 39 mm) x 2.0 mm for sliding shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with TPV Gaskets/ EPDM weathering seal resistant accessories like locking system 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	<b>5,967.00</b>
829	BMT-P.67	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding windows three track - only two glass shutters sliding duly manufactured using UPVC reinforced profiles of (80 mm x 52 mm)/ (94 mm x 45 mm) x 2.0 mm for outer frames, (54 mm x 38 mm)/(39 mm x 58 mm) x 2.20 mm for sliding shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with TPV Gaskets/ EPDM weathering seal resistant accessories like locking system 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	<b>5,597.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
830	BMT-P.68	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding windows three track - two glass shutters sliding and one mesh shutter duly manufactured using UPVC reinforced profiles of (94 mm x 45 mm)/(80 mm x 52 mm) x 2.0 mm for outer frames, (58 mm x 39 mm)/(54 mm x 38 mm) x 2.0 mm for sliding shutter frames capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make and mesh shutter frame shall be (42 mm x 25 mm)/(52 mm x 21.5 mm) x 2 mm fitted with nylon/ polymer mesh on rollers/ pulley duly fixed with TPV Gaskets/ EPDM weathering seal resistant accessories like locking system 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	<b>6,231.00</b>
831	BMT-P.69	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) casement windows openable shutters duly manufactured using UPVC reinforced profiles of 48 mm x 60 mm x 2.0 mm for outer frames, 64 mm x 60 mm x 2.0 mm for mullion sections for two or more openable shutters and 78 mm x 60 mm x 2.0 mm for outward openable shutter frame or 70 mm x 60 mm x 2.0 mm for inward openable shutter frame capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with TPV Gaskets/ EPDM weathering seal resistant accessories for casement window - friction stay hinges of stainless steel grade 304- 2 Nos., per sash, handle with mazak alloy casting 1 No. per sash, locking system suitably concealed 1 No., per sash provided with raiser wedges for smooth operation and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	<b>6,041.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
832	BMT-P.70	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) casement windows openable shutters duly manufactured using UPVC reinforced profiles of 60 mm x 55 mm x 2.0 mm for outer frames, 70 mm x 60 mm x 2.0 mm for mullion sections for two or more openable shutters 70 mm x 60 mm x 2.0 mm for openable shutter frame capable of mounting single glazing system structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with TPV Gaskets/ EPDM weathering seal resistant and accessories for casement window - friction stay hinges of stainless steel grade 304- 2 Nos., per sash, handle with mazak alloy casting 1 No. per sash, multipoint locking system suitably concealed 1 No., per sash provided with raiser wedges for smooth operation and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	<b>6,583.00</b>
833	BMT-P.71	DELETED	1 Sqm	
834	BMT-P.72	DELETED	1 Sqm	
835	BMT-P.73	Galvanized powder coated Casement Windows with openable shutters duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 60x50mm, centre for mullion of 62x50mm, section for shutter of 52 x 22 mm, outer frame and mullions to have one side rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zinc-electroplated M-5 bolts, GI Handle of size 80 mm x 15 mm -1 No per shutter, 2 nos of stainless steel heavy duty pivot hinges of size 3" of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminium 'U' channel and window frames fixing to the concrete/masonry wall arrangement with self expanding screws, complete for finished item of work including of all taxes - 1220 x 1372 or below size	1 Sqm	<b>5,308.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
836	BMT-P.74	Galvanized powder coated Casement Windows with openable shutters duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 60x50mm, centre for mullion of 62x50mm, section for shutter of 52 x 22 mm, outer frame and mullions to have one side rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zinc-electroplated M-5 bolts, GI Handle of size 80 mm x 15 mm -1 No per shutter, 2 nos of stainless steel heavy duty pivot hinges of size 3" of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminium 'U' channel and window frames fixing to the concrete/masonry wall arrangement with self expanding screws, complete for finished item of work including of all taxes - 1530 x 1372 or above size	1 Sqm	<b>4,755.00</b>
837	BMT-P.75	Galvanized powder coated Casement Windows with openable shutters duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 88x50mm, centre for mullion of 62x88 mm, section for glass and fly-proof mesh shutter of 52 x 22 mm, outer frame and mullions to have two sides rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zinc-electroplated M-5 bolts, GI Handle of size 80 mm x 15 mm -1 No per shutter, 2 Nos of stainless steel heavy duty pivot hinges of size 3" of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminium 'U' channel and fly-proof mesh of SS 304 grade fixed with 18 mm x 12 mm BT wood beading and window frames fixing arrangement to the concrete/masonry wall with self expanding screws, complete for finished item of work including of all taxes - 1220 x 1372 or below size	1 Sqm	<b>6,668.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
838	BMT-P.76	Galvanized powder coated Casement Windows with openable shutters duly manufactured using pressed steel sections in mild steel conforming to IS 513 of having 1.0 mm thick and galvanized as per IS 277 of 120 GSM surface treatment with pure polyester powder coating of 30-40 microns thick and section for outer frame of 88x50mm, centre for mullion of 62x88 mm, section for glass and fly-proof mesh shutter of 52 x 22 mm, outer frame and mullions to have two sides rebate for glazed shutter of size 24 mm and 10x10 mm square guard bars provided at 125 mm c/c the sections assembled with bolt & nut assembly with zinc-electroplated M-5 bolts, GI Handle of size 80 mm x 15 mm -1 No per shutter, 2 Nos of stainless steel heavy duty pivot hinges of size 3" of SS 304 Grade per shutter, window panes with 5 mm thick plain float glass and fixed with glass beading section of 10x12 mm size with 0.8 mm thick powder coated aluminium 'U' channel and fly-proof mesh of SS 304 grade fixed with 18 mm x 12 mm BT wood beading and window frames fixing arrangement to the concrete/masonry wall with self expanding screws, complete for finished item of work including of all taxes - 1530 x 1372 or above size	1 Sqm	<b>6,130.00</b>
839	BMT-P.77	Providing & Fixing of Mesh windows made of pre-painted steel (Base Steel as per IS 513 of 0.58mm thick galvanized as per IS 277 with zinc of 120 GSM), primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with 5-7 microns thick alkyd backer, section for outer frame of 47 x 36 mm, centre mullion of 60 x 36 mm, section mesh beading 18 x 6 mm and Fly mesh shutter section of 20 x 40 mm, the sections cut to length meter joined with corner bracket and centre mullions fixed with mullion cap, handles, latch, 2 Nos of heavy duty stainless steel pivot hinges per S.S. Mesh for fly mesh shutter (304 grade) including fixing the frames in the concrete/masonry wall by means of self expanding screws complete for finished item of work.	1 Sqm	<b>4,120.00</b>
840	BMT-P.78	Providing & fixing white colour Rigid PVC window frame and shutter with single rebate using frame section of 50 x 35 mm, centre mullion 50 x 47 mm and the thickness of shutter 25 mm thick, the frame work made of M.S. Tube of 19 gauge of size 15 x 15 mm and solid PVC Section made of 4 mm thick (3.75 mm PVC foam sheet laminated with .25 mm rigid PVC sheet) and heat moulded PVC "C" section of size 50 x 25 x 25 mm forming rails & stiles and reinforced with M.S. Tube of 19 gauge of size 15 x 15 mm and suitably joined with solvent cement and fitted with 4 mm thick glass panel with Aluminium handles, tower bolts, hinges and stopper complete as per direction of Engineer in-charge and manufacturers specification. (All sizes with openable shutters)	1 Sqm	<b>4,087.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
841	BMT-P.79	Providing & fixing white colour Rigid PVC window frame and shutter with double rebate (glass & mesh) using frame section of 42 x 115 mm made out of M.S. Tube of 19 gauge 15 x 15 mm and solid PVC section made from 4 mm thick (3.75 mm foam sheet laminated with 0.25mm rigid PVC sheet Suitably joined using PVC solvent cement and the window shutter of 25 mm thick heat moulded with PVC 'C' section of size 50 x 25x 50mm forming rails & stiles and reinforced with with M.S. Tube of 19 gauge 15 x 15 mm and glass and wire mesh fitted externally in the clear space available between stiles and rails and fixed with PVC beading of size 23 mm x 16 mm complete as per direction of Engineer in charge and manufacturers specification (All sizes with openable shutters)	1 Sqm	<b>7,126.00</b>
842	BMT-P.80	Providing and fixing COMPOSITE SLIDING WINDOW fabricated from roll formed sections made of Galvanized Steel colour Coated/Powder Coated (Base Steel as per IS 513 "D" quality, Galvanized as per IS 277 with Zinc of 120 grams /Sq.Mtr.) with total coated thickness of 0.58 mm, powder coated with pure Polyester Powder up to 50-60 microns thick and the section for external frame bottom of 68 x 25mm (Aluminium), External frame sides & Top of 68 x 25 mm (Aluminium), section for shutter of 59 x 23mm and Lap Strip of 30 x 7.5mm (uPVC) cut to length and mitre joined with L-bracket and 5 mm plain float Glass with Ethyl Propylene Diamine Monomer (EPDM) gasket, the corner bracket for external frame made of Aluminium 'L'-Angle, Corner Bracket for internal frame made of Polypropylene, Crescent Latch, Rollers, & EPDM Gaskets for shutters, wool pile for lap strip, Bump Stop Base & Rubber for shutter stopper including fixing to brick/concrete masonry using Nylon self-expanding caps and driving MS electroplated 80mm long screws into the caps through frames and fixing 10mm square guard bars with 6" pitch centre to centre (152.4mm) and all taxes completed for finished item of work	1 Sqm	<b>5,145.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		Providing and fixing of Two shutter Sliding Windows made of Galvanized Steel (Base Steel as per IS 513, D quality, galvanized as per IS 277 with Zinc of 120 GSM), using factory made section powder coated with Pure polyester powder up to 50-60 microns thick with total coated thickness of 0.8 mm for Outer Frame and 0.58 mm thickness for Sliding Shutter Section, the Outer Frame for Two Tracks with Grill provision size of 90 mm x 50 mm and without grill provision is of 75 mm x 50 mm and the Window Shutter section of 58 mm x 36 mm and the outer Frame with two integrated guide tracks of 12mm width and 24mm deep for provision to slide the Shutter / sash frame and facilitates with a water drain outlet component made of PVC and the shutter frame fitted with 5mm thick plain float glass of reputed make and fixed with EPDM weathering seal resistant accessories and handle made of Aluminium 1 No. per each shutter and cut to length mitre joined with corner brackets including installation of window system at site using anchor fasteners, Silicon sealant applied at the Outer frame corners inclusive of conveyance of all materials accessories, labour charges, and erection at site with complete finished item of work.		
843	BMT-P.81	Window with Two Sliding Shutters and without Grill Outer Frame Size 75 mm x 50 mm.	1 Sqm	<b>4,950.00</b>
844	BMT-P.82	Window with Two Sliding Shutters and with Grill Outer Frame Size 90 mm x 50 mm have a rebate of 15mm x 5 mm to fit grill made of 10mm MS Sq Rods for horizontal bars welded at a regular pitch of 150mm to 12mm x 6 mm MS flat.	1 Sqm	<b>5,490.00</b>
		Providing and fixing of Three shutter Sliding Windows made of Galvanized Steel (Base Steel as per IS 513, D quality, galvanized as per IS 277 with Zinc of 120 GSM), using factory made section powder coated with Pure polyester powder up to 50-60 microns thick with total coated thickness of 0.8 mm for Outer Frame and 0.58 mm thickness for Sliding Shutter Section, the Outer Frame for three tracks with grill provision size of 105 mm x 50 mm and without grill provision is of 90 mm x 50 mm and the Window Shutter section of 58 mm x 36 mm and the outer Frame with two integrated guide tracks of 12mm width and 24mm deep for provision to slide the Shutter / sash frame and facilitates with a water drain outlet component made of PVC and the shutter frame fitted with 5mm thick plain float glass of reputed make and fixed with EPDM weathering seal resistant accessories and handle made of Aluminium 1 No. per each shutter and cut to length mitre joined with corner brackets including installation of window system at site using anchor fasteners, Silicon sealant applied at the Outer frame corners inclusive of conveyance of all materials accessories, labour charges, and erection at site with complete finished item of		

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		work.		
		Window with 3 shutters (centre fixed shutter / Centre sliding shutter / centre Fly mesh shutter) and with Grill Window made of Outer Frame of Size 105 mm x 50 mm. Grill made of 10mm MS Square Rods for horizontal bars at a regular pitch of 150mm welded to MS flat of 12 x 6 mm.		
845	BMT-P.83	i) Centre Shutter Fixed: centre shutter frame made of section with size 20mm x 47mm should be fitted with 5mm thick plain float glass of reputed make, EPDM gasket all around the glass and fixed to the Outer Frame with the supporting section of size 29mm x 20mm of 0.58mm thick fixed horizontally on top and bottom of the shutter frame.	1 Sqm	<b>5,800.00</b>
846	BMT-P.84	ii) Centre Shutter Sliding: centre shutter frame made of section of size 20mm x 47mm should be fitted with 5 mm thick plain float glass of reputed make. The supporting guide section of size 15mm x 19mm of 0.58mm thick fixed horizontally at top and bottom of shutter frame and slides along the bottom and top guide tracks made of sections size 24mm x 20mm of 0.58mm thick and 29mm x 20mm of 0.58mm thick	1 Sqm	<b>6,350.00</b>
847	BMT-P.85	iii) Centre Fly mesh Shutter Sliding: Section for Fly mesh Shutter frame should be of size 20mm x 40mm of 0.58mm thick and fitted with SS mesh (304 Grade). The supporting guide section of size 29mm x 20mm of 0.58mm thick at the bottom and 15mm x 19mm of 0.58mm thick at the top fixed horizontally to the Fly mesh frame and slides along the bottom and top guide tracks made of sections size 20mm x 20mm of 0.58mm and 29mm x 20mm of 0.58mm.	1 Sqm	<b>6,350.00</b>
		Window with 3 shutters (Centre fixed shutter / Centre sliding shutter / centre Fly mesh shutter) and without Grill Window made of Outer Frame of size 90mm x 50mm.		
848	BMT-P.86	i) Centre Shutter Fixed: centre shutter frame made of section with size 20mm x 47mm of 0.58mm thick should be fitted with 5mm thick plain float glass of reputed make, EPDM gasket all around the glass and fixed to the Outer Frame with the supporting section of size 29mm x 20mm of 0.58mm thick fixed horizontally on top and bottom of the shutter frame.	1 Sqm	<b>5,200.00</b>
849	BMT-P.87	ii) Centre Shutter Sliding: centre shutter frame made of section with size 20mm x 47mm of 0.58mm thick should be fitted with 5 mm thick plain float glass of reputed make. The supporting guide section of size 15mm x 19mm of 0.58mm thick fixed horizontally at top and bottom of shutter frame and slides along the bottom and top guide tracks made of sections size 24mm x 20mm of 0.58mm thick and 29mm x 20mm of 0.58mm thick.	1 Sqm	<b>5,690.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
850	BMT-P.88	iii) Centre Fly mesh Shutter Sliding: Section for Fly mesh shutter frame should be of size 20mm x 40mm and fitted with SS mesh (304 Grade). The supporting guide section of size 29mm x 20mm of 0.58mm thick at the bottom and 15mm x 19mm of 0.58mm thick at the top fixed horizontally to the Fly mesh frame and slides along the bottom and top guide tracks made of sections size 20mm x 20mm of 0.58mm thick and 29mm x 20mm of 0.58mm thick.	1 Sqm	5,690.00
		Providing and fixing of Openable / Casement Windows made of pre-painted steel (Base steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with Zinc of 120 GSM), finish painted with a polyester paint of 60-65 microns thick and section for outer frame of 80 x 45 mm, centre mullion of 80 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, outer frame and mullions to have rebate for glazed shutter with a provision for guard bars/grills and the sections cut to length metre joined with corner bracket, centre mullion fixed with mullion cap, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work.		
851	BMT-P.89	Single openable shutter window size of 2' 0" x 4' 0" (609.6 x 1219.2mm) outer frame section size of 80 x 45mm, shutter frame section size of 52 x 25mm thick	1 sqm	4,750.00
852	BMT-P.90	Double openable shutter window Size of 3' 0" x 4' 0" (914.4mm x 1219.2mm) outer frame section size of 80 x 45mm, shutter frame section size of 52 x 25mm, vertical mullion section size of 80 x 60 mm	1 sqm	5,050.00
853	BMT-P.91	Double openable shutter window size of 4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame section size 80 x 45mm, shutter frame section size of 52 x 25 mm ,Vertical mullion section size of 80 x 60 mm	1 sqm	5,050.00
854	BMT-P.92	Double Openable Shutter and Centre Fixed window of size 5'0 x 4'0 ( 1524 x 1219.2mm)outer frame section size of 80mm x 45mm, shutter frame section size of 52 x 25mm ,Vertical mullion section size of 80 x 60 mm, beading section size of 9 x 12mm to be provided for glass holding	1 sqm	4,450.00
855	BMT-P.93	Double Openable Shutter and Centre Fixed window of size 6'0 x4'0 ( 1829.6 x 1219.2mm)outer frame section size of 80mm x 45mm , shutter frame section size of 52 x 25mm ,Vertical mullion section size of 80 x 60 mm, beading section size of 9 x 12mm to be provided for glass holding	1 sqm	4,450.00
		<b>Note: The above rates are for normal finish, 10% extra may be allowed for Wood Grain finish</b>		

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		Providing and fixing of Openable / Casement Windows <b>with fly mesh</b> made of pre-painted steel (Base steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with Zinc of 120 GSM), finish painted with a polyester paint of 60-65 microns thick and section for outer frame of 100 x 45 mm, centre mullion of 100 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, section for fly-shutter of 52 x 25 mm x 0.6 mm thick and fitted with stainless steel 32 gauge fly mesh of 304 grade with 144 holes per sq.inch and mullions to have double rebate for glazed shutter and fly-shutter with a provision for guard bars/grills and the sections cut to length metre joined with corner bracket, centre mullion fixed with mullion cap, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work.		
856	BMT-P.94	Single openable shutter window size of 2' 0" x 4' 0" (609.6 x 1219.2mm) outer frame Double rebate section size of 100 x 45mm, Glazed and fly mesh shutter profile section size of 52 x 25mm	1 sqm	<b>6,300.00</b>
857	BMT-P.95	Double openable shutter window Size of 3' 0" x 4' 0" (914.4mm x 1219.2mm) outer frame Double rebate section size of 100 x 45mm, Glazed and fly mesh shutter profile section size of 52 x 25mm, vertical mullion section size of 100 x 60 mm	1 sqm	<b>6,600.00</b>
858	BMT-P.96	Double openable shutter window size of 4'0" x 4'0" (1219.2mm x 1219.2mm) outer frame Double rebate section size of 100 x 45mm, Glazed and fly mesh shutter profile section size of 52 x 25mm, vertical mullion section size of 100 x 60 mm	1 sqm	<b>6,600.00</b>
859	BMT-P.97	Double Openable Shutter and Centre Fixed window of size 5'0 x 4'0 ( 1524 x 1219.2mm)outer frame section size of 80mm x 45mm , shutter frame section size of 52 x 25mm ,Vertical mullion section size of 100 x 60 mm , beading section size of 9 x 12mm to be provided for glass holding	1 sqm	<b>6,000.00</b>
860	BMT-P.98	Double Openable Shutter and Centre Fixed window of size 6'0 x4'0 ( 1829.6 x 1219.2mm)outer frame section size of 80mm x 45mm , shutter frame section size of 52 x 25mm ,Vertical mullion section size of 100 x 60 mm , beading section size of 9 x 12mm to be provided for glass holding	1 sqm	<b>6,000.00</b>
		<b>Note: The above rates are for normal finish, 10% extra may be allowed for Wood Grain finish</b>		

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		Providing and fixing of <b>top hung Ventilators</b> made of pre-painted steel (Base steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with Zinc of 120 GSM), finish painted with a polyester paint of 60-65 microns thick and section for outer frame of 80 x 45 mm, centre mullion of 80 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, outer frame and mullions to have rebate for glazed shutter with a provision for guard bars/grills and the sections cut to length metre joined with corner bracket, centre mullion fixed with mullion cap, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work.		
861	BMT-P.99	Single openable ventilator shutter size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame section size of 80 x 45mm, shutter frame section size of 52 x 25mm thick	1 sqm	<b>5,700.00</b>
862	BMT-P.100	Double openable ventilator shutter Size of 4' 0" x 2' 0" (1219.2mm x 609.6mm) outer frame section size of 80 x 45mm, shutter frame section size of 52 x 25mm, vertical mullion section size of 80 x 60 mm	1 sqm	<b>5,700.00</b>
863	BMT-P.101	Double openable fix shutter size of 4'0" x 3'0" (1219.2mm x 914.4mm) outer frame section size of 80 x 45mm , shutter frame section size of 52 x 25 mm ,Vertical mullion section size of 80 x 60 mm	1 sqm	<b>5,700.00</b>
864	BMT-P.102	Single fixed Louvers Ventilator size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame box section size of 80 x 45mm	1 sqm	<b>3,900.00</b>
865	BMT-P.103	Double fixed Louvers ventilator Size of 4' 0" x 2' 0" (1219.2mm x 609.6mm) outer frame box section size of 80 x 45mm, vertical mullion section size of 80 x 60 mm	1 sqm	<b>3,900.00</b>
866	BMT-P.104	Double fixed Louvers Ventilator size of 4'0" x 3'0" (1219.2mm x 914.4mm) outer frame box section size of 80 x 45mm , Vertical mullion section size of 80 x 60 mm	1 sqm	<b>3,900.00</b>
		<b>Note: The above rates are for normal finish, 10% extra may be allowed for Wood Grain finish</b>		

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		Providing and fixing of <b>top hung Ventilator with fly mesh</b> made of pre-painted steel (Base steel as per IS 513 of 0.80 mm thick galvanized as per IS 277 with Zinc of 120 GSM), finish painted with a polyester paint of 60-65 microns thick and section for outer frame of 100 x 45 mm, centre mullion of 100 x 60 mm, section for shutter of 52 x 25 mm x 0.6 mm thick, section for fly-shutter of 52 x 25 mm x 0.6 mm thick and fitted with stainless steel 32 gauge fly mesh of 304 grade with 144 holes per sq.inch and mullions to have double rebate for glazed shutter and fly-shutter with a provision for guard bars/grills and the sections cut to length metre joined with corner bracket, centre mullion fixed with mullion cap, 1 No. of High grade nylon latch handle, window stopper, 2 nos. of with MS Powder coated /SS ball bearing butt Hinges provided per shutter and windows fitted with 4 mm thick plain float glass with rubber gaskets including fixing the frames in concrete/masonry wall by means of self expanding screws, Including 10 mm Square guard bars with 6" (152.4mm) pitch etc., complete for finished item of work.		
867	BMT-P.105	Single openable ventilator shutter window size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame section size of 100 x 45mm, Glazed and fly mesh shutter frame section size of 52 x 25mm thick	1 sqm	<b>7,050.00</b>
868	BMT-P.106	Double openable ventilator shutter window Size of 4' 0" x 2' 0" (1219.2mm x 609.6mm) outer frame section size of 100 x 45mm, Glazed and fly mesh shutter frame section size of 52 x 25mm, vertical mullion section size of 100 x 60 mm	1 sqm	<b>7,050.00</b>
869	BMT-P.107	Double openable fix shutter window size of 4'0" x 3'0" (1219.2mm x 914.4mm) outer frame section size 100 x 45mm , Glazed and fly mesh shutter frame section size 52 x 25 mm ,Vertical mullion section size of 100 x 60 mm	1 sqm	<b>7,050.00</b>
870	BMT-P.108	Single fixed Louvers Ventilator window size of 2' 0" x 2' 0" (609.6 x 609.6mm) outer frame box section size of 100 x 45mm, fly mesh shutter frame section size 52 x 25 mm	1 sqm	<b>4,750.00</b>
871	BMT-P.109	Double fixed Louvers ventilator window Size of 4' 0" x 2' 0" (1219.2mm x 609.6mm) outer frame box section size of 100 x 45mm, fly mesh shutter frame section size 52 x 25 mm, vertical mullion section size of 100 x 60 mm	1 sqm	<b>4,750.00</b>
872	BMT-P.110	Double fixed Louvers Ventilator window size of 4'0" x 3'0" (1219.2mm x 914.4mm) outer frame box section size 100 x 45mm , fly mesh shutter frame section size 52 x 25 mm Vertical mullion section size of 100 x 60 mm	1 sqm	<b>4,750.00</b>
		<b>Note: The above rates are for normal finish, 10% extra may be allowed for Wood Grain finish</b>		

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
873	BMT-P.111	Providing, supplying & fixing of Fixed Louvered Ventilator made out of multi chambered uPVC sections with TPV gaskets having isolated drainage and reinforced with Galvanized Iron profiles throughout the window. The outer frame having an overall size of 60 x 55 mm with reinforcement of 1 mm thickness and Mullion with overall size of 74 x 60 mm with reinforcement of 1 mm thickness. Ventilator shall be provided with 4.5 mm Pin Head glass, standard hardware. Wall thickness of frame & Mullion shall be 2.0 mm	1 sqm	5,606.00
874	BMT-P.112	Providing, supplying & fixing of Top hung Ventilator With Exhaust Fan Provision made out of multi chambered uPVC sections with TPV gaskets having isolated drainage and reinforced with Galvanized Iron profiles throughout the window. The outer frame having an overall size of 60 x 55 mm with reinforcement of 1 mm thickness, Mullion with overall size of 74 x 60 mm with reinforcement of 1 mm thickness and Sash with overall size of 75 x 60 mm with reinforcement of 1.5 mm thickness. Glazing bead for fixing of glass shall be of size 34 x 20 mm coextruded with gasket. Ventilator shall be provided with 4.5 mm Pin Head glass, standard hardware, single point locking and friction stays. Wall thickness of frame, mullion and sash shall be 2.0 mm	1 sqm	7,889.00
Q		<b>STRUCTURAL GLAZING</b>		
875	BMT-Q.01	Providing and fixing Structural Glazing fabricated from Roll formed sections made of Pre-painted Steel / Powder coated (Base steel as per IS 513 of 'D' quality, galvanized as per IS 277 with Zinc of 120 Gm/Sqm) with total coated thickness of 0.72 mm and the glass holding section made of 304 grade stainless steel of 0.58 mm thick galvanised steel section as stiffeners inside the colour coated steel powder coated sections as per the design requirement & calculations to suit wind pressures as given in IS: 875, the primer coat with epoxy primer of 5 – 7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with Alkyd backer of 5-7 microns or powder coated with pure polyester powder up to 50-60 microns thick and the vertical section of 50 mm x 99 mm x 0.72 mm, 33 mm x 56 mm x 0.72 mm for frame horizontal section, stiffener section of 47 mm x 97 mm x 1 mm, cover profiles sections of 20 mm x 58 mm x 0.58 mm, glass holding section of 37 mm x 37 mm & 37 mm x 18 mm including fixing 5mm thick Ocean Blue reflective glass, brackets made of CRCA powder coated/Electroplated to connect vertical to horizontal, vertical to slab, to fix verticals at top & bottom as per site requirement and gasket made of Ethyl Propylene Diamine Monomer, U.V. resistant silicon sealant including fixing in concrete/masonry wall with self-expanding cap & screws inclusive of cost and conveyance of all materials to site, all labour charges, incidental charges, cost of all consumables etc. and fixing	1 Sqm	6,300.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		charges complete for finished item of work.		
876	BMT-Q.02	Providing and fixing Top Hung shutters in Structural Glazing fabricated from Roll formed sections made of Pre-painted Steel / Powder coated (Base steel as per IS 513 of 'D' quality, galvanized as per IS 277 with Zinc of 120 Gm/Sqm) with total coated thickness of 0.72 mm and the glass holding section made of 304 grade stainless steel of 0.58 mm thick, duly providing stiffeners inside the colour coated steel/powder coated sections as per the design requirement, calculations to suit wind pressures as given in IS 875 and primer coat with epoxy primer of 5-7 microns thick and back coated with Alkyd backer of 5-7 microns or powder coated with pure polyester powder up to 50-60 microns thick and the outer frame of 20 mm x 58 mm x 0.58 mm, shutter sections of 57 mm x 33 mm x 0.72 mm, stiffener sections of 55 mm x 31 mm x 1mm, hinges – 2 Nos for each shutter and aluminium Stays – 2 Nos. for each shutter, aluminium Handle – 1 no. for each shutter including cost and conveyance of all materials to site, all labour charges, incidental charges, cost of all consumables etc. and fixing charges etc for finished item of work	1 Sqm	5,093.00
877	BMT-Q.03	Supplying and fixing of curtain Glazing made of pre painted steel (base steel as per IS 513 of 0.58 mm thick D quality, galvanized as per IS 277 with Zinc of 120 GSM) Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12- 16 microns thick and back coated with 5-7 microns thick alkyd backer using the section for outer frame of 46 x 52 mm, section for mullion of 46 x 70 mm and section for beading of 18 x 25 mm and the glazing with 5 mm thick plain float glass fitted with Ethyl Propylene Diamine Monomer (EPDM) gaskets and the sections cut to length, mitre joined with corner bracket, centre mullions fixed using mullion cap including handle made of high grade Aluminium powder coated and nylon receiver, corner brackets made of CRCA with zinc phosphating, mullion caps made of Glass filled nylon including fixing the frames in the concrete / masonry wall with self expanding screws, etc., complete for finished item.- Fixed Glazing 2'-0" x 2'-0" (609.6x609.6mm) grid outer frames section size of 46 x 52 mm		5,198.00
878	BMT-Q.04	Mullion section size of 46 x 70mm Beading section size of 18 x 25 mm - Fixed Glazing 2'-0" x 3'-0" (609.6x914.4mm) grid outer frame section size of 46 x 52 mm	1 Sqm	5,198.00
879	BMT-Q.05	Mullion section size of 46 x 70mm Beading section size of 18 x 25 mm Fixed Glazing 3'-0" x 3'-0" (914.4x914.4mm) grid outer frame section size of 46 x 52 mm	1 Sqm	4,410.00
880	BMT-Q.06	Mullion section size of 46 x 70mm Beading section size of 18 x 25 mm Fixed Glazing 3'-0" x 4'-0" (914.4x1219.2mm) grid outer frame section size of 46 x 52 mm	1 Sqm	4,410.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
881	BMT-Q.07	deleted		
882	BMT-Q.08	deleted		
883	BMT-Q.09	deleted		
884	BMT-Q.10	deleted		
885	BMT-Q.11	deleted		
886	BMT-Q.12	deleted		
887	BMT-Q.13	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) <b>Curtain Walling systems</b> duly manufactured using UPVC reinforced profiles of 60 mm x 56 mm x 2.5 mm for outer frames, 60 mm x 70 mm x 2.5 mm for casement shutter frames and the mullion sections are of 60 mm x 70 mm x 2.5 mm or 60 mm x 62 mm x 2.5 mm for sliding shutter outer frames and 77 mm x 38 mm x 2.5 mm for sliding shutter frames structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1 mm the sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant and accessories for casement window - friction stay hinges of stainless steel grade 304- 2 Nos., per sash, handle with mazak alloy casting 1 No. per sash, multipoint locking system suitably concealed 1 No., per sash provided with raiser wedges for smooth operation for sliding window - clipping locking system 1 No. made of aluminium including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work		6,445.00
888	BMT-Q.14	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) <b>Fixed Glazing - 48 series</b> duly manufactured using UPVC reinforced profiles of 60 mm x 48 mm x 2.25 mm for outer frames and the mullion sections are of 60 mm x 76 mm x 2.25 mm frames are structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm the sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	3,025.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
889	BMT-Q.15	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) <b>Fixed Glazing - 56 series</b> duly manufactured using UPVC reinforced profiles of 60 mm x 56 mm x 2.25 mm for outer frames and the mullion sections are of 60 mm x 70 mm x 2.25 mm frames are structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm the sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work	1 Sqm	<b>3,615.00</b>
S		<b>A. DISMANTLING clearing away and carefully stacking materials useful for reuse.</b>		
890	BMT-S.01	Stone masonry in cement mortar	1 Cum	<b>306.00</b>
891	BMT-S.02	Terracing work in roofs or floors	10 Sqm	<b>127.00</b>
892	BMT-S.03	Flat stones in roof or floors including lifting	10 Sqm	<b>106.00</b>
893	BMT-S.04	Pan tiled or Mangalore tiled roof without roof timbers.	10 Sqm	<b>96.00</b>
894	BMT-S.05	Flat and pan tiles or Mangalore tiles over flat tiles without roof timbers	10 Sqm	<b>106.00</b>
895	BMT-S.06	Wrought and framed timber in roofs or floors	1 Cum	<b>160.00</b>
896	BMT-S.07	Old lime mortar plaster	10 Sqm	<b>33.00</b>
897	BMT-S.08	Old cement mortar plaster	10 Sqm	<b>37.00</b>
898	BMT-S.09	Dry rough stone revetment for aprons and stacking within 40 M lead	1 Cum	<b>51.00</b>
899	BMT-S.10	Revetment for aprons and stacking grouted within 40 lead	1 Cum	<b>37.00</b>
900	BMT-S.11	Kadapa slabs or Shahabad stone slabs flooring on sand bed	10 Sqm	<b>53.00</b>
901	BMT-S.12	Through scraping of old plastered surface	10 Sqm	<b>33.00</b>
902	BMT-S.13	Washing of plastered surface with soap, soda and water (or with soda lime and water)	10 Sqm	<b>11.00</b>
903	BMT-S.14	clean removal of lime plaster from walls and raking out joints 20mm deep or from terraced roof and raking out joints 100 mm deep	10 Sqm	<b>34.00</b>
904	BMT-S.15	Clean removal of cement plaster from walls and raking out joint 200 mm deep	10 Sqm	<b>36.00</b>
T		<b>READY MIX CONCRETE</b>		
905	BMT-T.01	<b>Deleted</b>		
906	BMT-T.02	<b>Deleted</b>		
907	BMT-T.03	<b>Deleted</b>		
908	BMT-T.04	<b>Deleted</b>		
909	BMT-T.05	<b>Deleted</b>		
U		<b>EXPANSION JOINT FILLERS</b>		
910	BMT-U.01	Supply of high performance expansion joint filler board conforming to M.O.S.T - 18 mm THICK	1 Sqm	<b>751.00</b>
911	BMT-U.02	Supply of high performance expansion joint filler board conforming to M.O.S.T - 20 mm THICK	1 Sqm	<b>842.00</b>
912	BMT-U.03	Supply of high performance expansion joint filler board conforming to M.O.S.T - 25 mm THICK	1 Sqm	<b>1,052.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
913	BMT-U.04	Supply of expansion joint filler board for buildings, columns, beams and slabs 20 mm THICK	1 Sqm	<b>301.00</b>
914	BMT-U.05	Supply of expansion joint filler board for buildings, columns, beams and slabs 25 mm THICK	1 Sqm	<b>376.00</b>
915	BMT-U.06	Supply of expansion joint filler board for buildings, columns, beams and slabs 50 mm THICK	1 Sqm	<b>751.00</b>
916	BMT-U.07	Supply of back up to cold applied sealant in construction and longitudinal joint - <b>10 mm OD</b>	1 RM	<b>12.00</b>
917	BMT-U.08	Supply of back up to cold applied sealant in construction and longitudinal joint - 12 mm OD	1 RM	<b>14.00</b>
918	BMT-U.09	Supply of back up to cold applied sealant in construction and longitudinal joint - 15 mm OD	1 RM	<b>17.00</b>
919	BMT-U.10	Supply of back up to cold applied sealant in construction and longitudinal joint - 20 mm OD	1 RM	<b>24.00</b>
920	BMT-U.11	Supply of back up to cold applied sealant in construction and longitudinal joint - 25 mm OD	1 RM	<b>30.00</b>
V		<b>LABOUR CHARGES</b>		
921	BMM-V.01	Bailing out water for earth work excavation /concrete for foundation below water level. (For building items only) - Other than sandy soil - 0.0 M to 1.0 M	1 cum	<b>187.00</b>
922	BMM-V.02	Bailing out water for earth work excavation /concrete for foundation below water level. (For building items only) - Other than sandy soil - 1.0 M to 2.0 M	1 cum	<b>221.00</b>
923	BMM-V.03	Bailing out water for earth work excavation /concrete for foundation below water level. (For building items only) - Other than sandy soil - 2.0 M to 3.0 M	1 cum	<b>257.00</b>
924	BMM-V.04	Bailing out water for earth work excavation / for concrete foundation below water level. (For building items only) Sandy soil - 0.0 M to 1.0 M	1 cum	<b>296.00</b>
925	BMM-V.05	Bailing out water for earth work excavation /for concrete foundation below water level. (For building items only) Sandy soil - 1.0 M to 2.0 M	1 cum	<b>460.00</b>
926	BMM-V.06	Bailing out water for earth work excavation /concrete for foundation below water level. (For building items only) Sandy soil - 2.0 M to 3.0 M	1 cum	<b>555.00</b>
927	BMM-V.07	Labour charges for making, fabricating office furniture, racks, work-station furniture, cup-board shutters with ply-wood/ MDF sheets, decolam/ veneer laminations including fixing cutting, making, assembling, fixing hinges, fixing fixtures, fixing locks, pasting sheets/ laminations fixing in position with necessary screws excluding cost of materials, accessories, fittings	1 Sqm	<b>467.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
928	BMM-V.08	Labour charges for making, fabricating kitchen furniture, cup-boards with shutters, box cup-boards, box racks, with plywood/ MDF sheets, decolam/ veneer laminations including fixing cutting, making, assembling, fixing hinges, fixing fixtures, fixing locks, pasting sheets/ laminations fixing in position with necessary screws excluding cost of materials, accessories, fittings	1 Sqm	713.00
929	BMM-V.09	Rounding the edges of Kadapa / Shahabad stone slabs of any thickness including polishing the same	1 Rm	80.00
930	BMM-V.10	Half Rounding the edges of Marble/ Granite stone slabs of all thicknesses including polishing the same.	1 Rm	245.00
931	BMM-V.11	Full Rounding the edges of Marble/ Granite stone slabs of all thicknesses including polishing the same.	1 Rm	317.00
932	BMM-V.12	Machine Cutting charges - for Marble/ Granite slabs up to 50 mm thick by mechanical device.	1 RM	13.00
933	BMM-V.13	Flat nosing to Kadapa/ Shahabad stone slabs of any thick	1 Rm	13.00
934	BMM-V.14	Labour charges for fabricating steel works like Window Grills, Compound Wall Grills, Iron Doors, Windows including cost of welding rods, power charges, excluding cost of fixing in position	1 Kg	20.00
935	BMM-V.15	Labour charges for fixing Iron Doors, Iron Windows and Window Grills in position	1 Kg	4.00
936	BMM-V.16	Labour charges for fabricating all heavy steel works like Trusses, Stanchions, Heavy Beams and Girders including cost of welding rods, power charges, etc excluding cost of fixing in position	1 Kg	18.00
937	BMM-V.17	Labour charges for fixing heavy iron grills, Trusses, Stanchions, Heavy Beams and Girders erecting in position and fixing by using chain pulley blocks, Derek pole arrangements and cranes etc., complete in position	1 Kg	16.00
938	BMM-V.18	Labour charges for Fabrication of stainless steel railing works using stainless steel welding rods including buffing, polishing, lacquer finishing, to present seamless finish	1 Kg	101.00
939	BMM-V.19	Labour charges for Fabrication of stainless steel sheet cladding works using stainless steel welding rods including buffing, polishing, lacquer finishing, to present seamless finish	1 sqm	1,354.00
940	BMM-V.20	Labour charges for Glass designing works on any thickness of Glass including fixing at site - Etching works	1 Sqm	737.00
941	BMM-V.21	Labour charges for Glass designing works on any thickness of Glass including fixing at site - Reverse Etching work	1 Sqm	911.00
942	BMM-V.22	Labour charges for Glass designing works on any thickness of Glass including fixing at site - Acid wash works	1 Sqm	1,139.00
943	BMM-V.23	Labour charges for fixing Flush door shutters of any thickness to the existing door frame including fixing the fixtures to the door shutter excluding cost of shutter	1 Sqm	295.00
944	BMM-V.24	Labour charges for fixing glass panes of any thickness to the existing door / window panes including fixing the beading excluding cost of beading	1 Sqm	221.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
<b>W</b>		<b>MISCELLANEOUS ITEMS</b>		
945	BMS-W.01	Supplying Aluminium anodised Sections for Doors, partitions, windows, Ventilators (including anodization cost)	1 Kg	<b>300.00</b>
946	BMS-W.02	Sun Control film to the glazed windows partition including labour charges.	1 sqm	<b>307.00</b>
947	BMS-W.03	Aluminium Venetian Blinds horizontal 25.4 mm wide with all accessories.	1 sqm	<b>782.00</b>
948	BMS-W.04	Aluminium Venetian Blinds horizontal 20.0 mm wide with all accessories.	1 sqm	<b>745.00</b>
949	BMS-W.05	Venetian blinds Vertical blinds 100 mm wide with all accessories.	1 sqm	<b>1,265.00</b>
950	BMS-W.06	Rubber Beading	1 RM	<b>2.00</b>
951	BMS-W.07	S&F of marblex flooring with 2.0 mm thick in rolls.	1 sqm	<b>393.00</b>
952	BMS-W.08	S&F Vinyl Flooring with 1.5 mm thick in rolls	1 sqm	<b>393.00</b>
953	BMS-W.09	Chlorpyrifos/ Lindane emulsifiable concentrate of 20%	1 Litre	<b>213.00</b>
954	BMS-W.10	Soft Brush	Each	<b>138.00</b>
955	BMS-W.11	Wire Brush	Each	<b>31.00</b>
956	BMS-W.12	Supplying and fixing aluminium composite cladding with skin material 0.25 mm thick aluminium sheet cover material natural polyethylene aluminium cladding panel fixed with extruded aluminium basis frame (50x25x1.5mm) angle cleats, weather sealants, rivets, GI brackets all as approved, using suitable bolts on structural steel work including necessary accessories complete in all respects including all scaffolding and labour charges etc., complete for finished item of work but excluding cost of structural steel fabrication, if any, <b>ACP Cladding - 3 mm thk</b>	1 Sqm	<b>2,155.00</b>
957	BMS-W.13	Supplying and fixing aluminium composite cladding with skin material 0.25 mm thick aluminium sheet cover material natural polyethylene aluminium cladding panel fixed with extruded aluminium basis frame (50x25x1.5mm) angle cleats, weather sealants, rivets, GI brackets all as approved, using suitable bolts on structural steel work including necessary accessories complete in all respects including all scaffolding and labour charges etc., complete for finished item of work but excluding cost of structural steel fabrication, if any, <b>ACP Cladding - 4 mm thk</b>	1 Sqm	<b>2,350.00</b>
958	BMS-W.14	Supplying and fixing aluminium composite cladding with skin material 0.5 mm thick aluminium sheet cover material natural polyethylene aluminium cladding panel fixed with extruded aluminium basis frame (50x25x1.5mm) angle cleats, weather sealants, rivets, GI brackets all as approved, using suitable bolts on structural steel work including necessary accessories complete in all respects including all scaffolding and labour charges etc., complete for finished item of work but excluding cost of structural steel fabrication, if any, <b>ACP Cladding - 4 mm thk</b>	1 Sqm	<b>2,636.00</b>
959	BMS-W.15	CEMENT JALI - 25 mm thick	1 sqm	<b>211.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
960	BMS-W.16	CEMENT JALI - 40 mm thick	1 sqm	<b>274.00</b>
961	BMS-W.17	CEMENT JALI - 50 mm thick	1 sqm	<b>375.00</b>
962	BMS-W.18	Aluminium sheet 24 Gauge	1 Sqm	<b>282.00</b>
963	BMS-W.19	7.5mm thick Aluminium Grill (as approved by the department) 3.58 Kg/Sqm.	1 Sqm	<b>1,038.00</b>
964	BMS-W.20	Mastic pad 2'0 " x 4'0" (0.60M x 1.2M) of 1" (25.4 mm ) thick	1 Sqm	<b>925.00</b>
965	BMS-W.21	Mastic pad 2'0 " x 4'0" (0.60M x 1.2M) of 1/2" (12.7 mm ) thick	1 Sqm	<b>530.00</b>
		Supply of hot pressed compression moulded sign plates for making road signs as per the approved dimensions of National Highway Authority Of India, complete, for finished item of work.		
966	BMS-W.22	Circular sign plate Dia 400mm.	Each.	<b>539.00</b>
967	BMS-W.23	Circular sign plate Dia 600mm.	Each.	<b>1,416.00</b>
968	BMS-W.24	Circular sing plate Dia 870mm	Each.	<b>2,838.00</b>
969	BMS-W.25	Triangular sign plate 600mm.	Each.	<b>727.00</b>
970	BMS-W.26	Triangular sign plate 900mm.	Each.	<b>1,642.00</b>
971	BMS-W.27	Square sign plate 600mm.	Each.	<b>1,316.00</b>
972	BMS-W.28	Square sign plate 1000mm.	Each.	<b>4,888.00</b>
973	BMS-W.29	Supply of Polyethylene water storage tank double layer conforming to IS: 12701-1996 with lid.	Litre.	<b>7.60</b>
		Design, fabrication & supply of light weight pre engineered buildings for a maximum span of 9 metres with 50 x 50 x 2.8 mm M.S hollow square tubes for columns, trusses & purlins walls with sandwich panels made up of 2 Nos 10mm thick cement bonded particle/ fibre board's with 25mm thick 12 kg/cum density expanded polystyrene in between encased in 1.25 mm thick 24x7x26 mm 'W' tracks in bottom & top and 'H' section for sides with doors, windows & ventilators, roofing with 26 gauge pre painted profiled sheets fixed with self tapping/ drilling screws, painting with enamel paint for steel items, OBD for interiors and ace for exteriors & providing base plates, templates & anchor bolts along with civil foundation designs & drawings for the finished item of work		
974	BMS-W.30	Steel Structure: - Structure is made up of 50x50X 2.8 m/33x66x2.8mm thick hollow M.S. sections for Trusses, columns, and purlins. - Columns	1 RM	<b>369.00</b>
975	BMS-W.31	Steel Structure: - Structure is made up of 50x50X 2.8 m/33x66x2.8mm thick hollow M.S. sections for Trusses, columns, and purlins. Trusses	1 RM	<b>1,687.00</b>
976	BMS-W.32	10 mm thick 200x200 mm M.s. plates for base plates, 250 mm long 12mm $\Phi$ anchor bolts with plate washer and nuts complete with one coat of Asian or equivalent red oxide paint.	Each	<b>641.00</b>
977	BMS-W.33	Sandwich panels: Sandwich panels of 50 mm thick with 25 mm Thermocole of 12 kg / cum, fixed in between 2 Nos 10 mm cement bonded wood particle / fibre boards properly fixed together with 30 mmx30mmx30mm wood pieces along width & length wherever necessary	1 Sqm	<b>1,335.00</b>
978	BMS-W.34	U' Tracks & 'H' Section:- Bottom & Top 'U' Tracks are made of	1 RM	<b>144.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		1.25 mm thick 120 GSM G.I. Sheet of size 24x51x26 mm size.		
979	BMS-W.35	Fabricated 'H' sections are made up of 2 Nos 1.25 mm thick C.R. Of 40 mm width for flanges and 1 Nos of 2 mm thick C.R. of 50 mm width plate for web. will be used	1 RM	<b>207.00</b>
980	BMS-W.36	Sandwich Panel joinery is made up of couplers or equivalent made from 0.6 mm G.I. roll formed section to hold 2 Nos of 10 mm board on both sides with 25 mm Thermocole in between.	1RM	<b>236.00</b>
981	BMS-W.37	Window:- windows are made up of 51 x51 mm step 'U' section made from 1.25 thick MS Cold rolled Steel Sheet and Windows Shutters & Grill are made of 48x25mm mm size pre painted section with 4 mm glass complete with necessary hardware. Grills are made from 8 mm square rod at 100 mm spacing.	1 Sqm	<b>4,286.00</b>
982	BMS-W.38	Door Frames :-51 X 51 Stepped ' U' section made from 1.25 mm thick C.R. section with a 32 mm rebate for 30 mm flush door and Door Shutters with 30 mm thick block board / flush doors with boiling water proof plywood complete with necessary Hard ware.	1 Sqm	<b>4,102.00</b>
983	BMS-W.39	Ventilators: - Ventilators are made of 51x51 mm step 'U' section made From 1.25 mm thick C.R. sheet with fixed louvers and glass.	1 Sqm	<b>4,591.00</b>
984	BMS-W.40	Painting:-1) Steel structure is to be painted with 2 coats of Grade I enamel paint.	1 Sqm	<b>116.00</b>
985	BMS-W.41	2) Exterior walls are painted with one coast of primer and 2 coats of exterior emulsion paint.	1 Sqm	<b>104.00</b>
986	BMS-W.42	3) Interiors are painted with 1+2 coat of O.B.D.	1 Sqm	<b>91.00</b>
987	BMS-W.43	Toilets: - Toilets are provided as per plan with a provision for fixing the wash basin, W.C. etc only is made with M.S. steel section secured to the walls with toilet bracket provision excluding cost of WC/ Wash basin etc	Each	<b>980.00</b>
988	BMS-W.44	Sun shades: - Sun shades will be provided wherever necessary with 300 mm more than the width of window. 25x25 mm angle frame to cover 450 mm in the front and the sides. 10mm cement bonded particle board will be fixed on the frame work and sealed with green paste or equivalent.	Each	<b>3,306.00</b>
989	BMS-W.45	Roofing: - Roofing will be provided with 0.5mm thick galvanized / pre painted G.I. profiled sheets fixed to the purlins with 14 size self drilling screws with neoprene washer. Side laps are stitched with self tapping / drilling screws. End laps are to be sealed with 25x3 mm Butyl tape. The sheets are provided with anti capillary grove.	1 Sqm	<b>746.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		Supply and fixing of factory made Bathroom door frames without threshold, fabricated from pre-painted cold roll formed section 50mm x 50 mm made of galvanized (base steel as per IS – 513 'D' quality, galvanized as per IS-277 with Zinc of 120 Grams/sqm) steel colour coated sections with total coated thickness of 1 mm, primer coated with epoxy primer of 5-7 microns thick, finish painted with polyester paint of 12-16 microns and back coated with alkyd backer of 5-7 microns and the frame section filled with polyurethane (P.U. Foam) of 40 Kg/Cum; and the sections cut to length and mitre joined by means of 1.25mm thick CRCA electroplated corner brackets of size 75 x 75 mm and 1.25mm thick electroplated stiffeners of size 150mm for fixing hold fasts and hinges together with the following MS Power <b>coated fitting (Supply and fixing) of approved make.</b>		
		a) 6 Nos M.S. Z. Type hold fasts made of 30mm x 3 mm MS flat of 230mm long, 3 Nos each side expandable PVC covered screw type fasteners		
		b) 2.5 mm x 300 mm long 'T' hinges / 2.5mm x 50 mm x 100mm two way but hinges (3 Nos for single leaf or 2 Nos for Double leaf /leaf )		
990	BMS-W.46	c) 12 mm Dia MS tie rod at bottom with necessary size of nuts on either side.	1 RM	<b>400.00</b>
991	BMS-W.47	Preparing gabions with jungle wood	Each	<b>3.00</b>
992	BMS-W.48	Planting plants	Each	<b>2.00</b>
993	BMS-W.49	Pruning plants	Each	<b>2.00</b>
994	BMS-W.50	Maintaining avenues including fencing, weeding, mulching, watering etc per plant.	Each	<b>6.00</b>
995	BMS-W.51	- do - When scattered in hot weather with extra conveyance from March to June	Each	<b>7.00</b>
996	BMS-W.52	Hoisting or lowering of slab	1 cum	<b>98.00</b>
997	BMS-W.53	Dressing faces of granite stone (double line dressing)	1 Sqm	<b>162.00</b>
998	BMS-W.54	Dressing faces of other than granite stone(double line dressing)	1 Sqm	<b>101.00</b>
999	BMS-W.55	Supply of Pre-painted Galvalume Trapezoidal Profile Roofing sheets with 0.50mm thickness, Coating: Alu-Zinc coating AZ150 GSM. Tensile Strength: 550 MPA. Paint coating: Regular Modified Polyester painting. Painting Thickness (Top): 18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours	1 Sqm	<b>426.00</b>
1000	BMS-W.56	Supply of Pre-painted Galvalume Trapezoidal Profile Roofing sheets with 0.47mm thickness, Coating: Alu-Zinc coating AZ150 GSM. Tensile Strength: 550 MPA. Paint coating: Regular Modified Polyester painting. Painting Thickness (Top): 18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours	1 Sqm	<b>415.00</b>
1001	BMS-W.57	Supply of Pre-painted Galvanized Trapezoidal Profile Roofing sheets with 0.50mm thickness, Coating: Zinc coating Z120 GSM. Tensile Strength: 300 MPA. Paint coating: Regular Modified	1 Sqm	<b>373.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		Polyester painting. Painting Thickness (Top): 18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours		
1002	BMS-W.58	Supply of Pre-painted Galvanized Trapezoidal Profile Roofing sheets with 0.47mm thickness, Coating: Zinc coating Z120 GSM. Tensile Strength: 300 MPA. Paint coating: Regular Modified Polyester painting. Painting Thickness (Top): 18 to 20 Microns, (Bottom): 5 to 7 Microns. Sheet Width: 1.020, Length: Maximum 12 Meters with Regular Range Colours	1 Sqm	<b>351.00</b>
1003	BMS-W.59	Supply of Roof Accessories medium size: Ridge, Barge Cap, Corner Trim, L-Flashing, Down Pipes, Gutter etc., with 0.50mm thick, Width: 0.585, Length: Maximum 2½ Meters	1 RM	<b>287.00</b>
1004	BMS-W.60	Supply of Roof Accessories medium size: Ridge, Barge Cap, Corner Trim, L-Flashing, Down Pipes, Gutter etc., with 0.47mm thick, Width: 0.585, Length: Maximum 2½ Meters	1 RM	<b>256.00</b>
1005	BMS-W.61	75 mm long screws -	1 Each	<b>4.00</b>
1006	BMS-W.62	G.I scam bolts & nuts	1 Each	<b>5.00</b>
1007	BMS-W.63	G.I bolts & nuts	1 Each	<b>5.00</b>
1008	BMS-W.64	G.I 'J' bolts 8 mm dia	1 Each	<b>9.00</b>
1009	BMS-W.65	G.I Washers	1 Each	<b>1.00</b>
1010	BMS-W.66	Limpet washers (for scam & 'J' bolts)	1 Each	<b>0.30</b>
1011	BMS-W.67	Bitumen washers	1 Each	<b>0.25</b>
1012	BMS-W.68	White Cement	1 Kg	<b>27.00</b>
		<b>MACHINERY CHARGES, HIRE CHARGES FOR CENTRING</b>		
1013	BMC-X.01	Machine charges of rubbing/ polishing floor	1 day	<b>2,003.00</b>
1014	BMC-X.02	Power Saw Cutter - Hand Operated - Hire charges	1 Hr	<b>117.00</b>
1015	BMC-X.03	Power Drill - Hand Operated - Hire Charges	1 Hr	<b>108.00</b>
1016	BMC-X.04	Grinding Mortar (Spl Grinding)	1 day	<b>1,001.00</b>
1017	BMC-X.05	Casuarinas Balli Props - 3" to 4" dia - 12'-0" Height	Each	<b>68.00</b>
1018	BMC-X.06	Casuarinas Balli Props - 4" to 8" dia - 20'-0" Height	Each	<b>113.00</b>
1019	BMC-X.07	Wall Plate Brackets / beam bottom supports	Each	<b>198.00</b>
1020	BMC-X.08	Wedge Plate fixture	Each	<b>9.00</b>
1021	BMC-X.09	Runner beams of approximately 4" x 4" size	RM	<b>397.00</b>
1022	BMC-X.10	Steel Plates for form works	1 sqm	<b>1,399.00</b>
1023	BMC-X.11	Scaffolding Pipes & Cantering accessories	1 Kg	<b>105.00</b>
1024	BMC-X.12	Scaffold Boards - Bamboo scaffolds - Bamboos - 8'0" long	Each	<b>113.00</b>
<b>1</b>	All the items to be used on work are of first quality & ISI and as approved by the Engineer In charge of the work.			
<b>2</b>	Supply Rates for all the materials are based on market rates plus Sales Tax/ Material VAT.			
<b>3</b>	Works Contract VAT for General/ Composition Scheme on finished items may be allowed as applicable.			
<b>4</b>	SSR Rates for Building items are purely for guidance for the officers for preparation of estimates vide para.113 of APPWD code. Authority who prepares the estimate is however responsible for proper rates as envisaged in para.45 of APPWD code.			
	<b>LEGEND</b>	"BMT" -X.XX		
		"BMM" -X.XX		

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		"BMS"-X.XX		
		"BMC"-X.XX		
		XXX-"A".XX		
		XXX-X."01"		

**LIST OF APPROVED BRANDS/ NAMES OF APPROVED MANUFACTURERS/ SUPPLIERS**

Sl. No	SECTION	NAMES OF THE ITEMS	NAMES OF THE APPROVED BRAND/ MANUFACTURER/ SUPPLIER
1	SECTION – C	WALL & FLOOR TILES	Somany, HR Jhonson, Naveen Ceramics, Kajaria, Nitco, Sphinx
		TILE ADHESIVES	Laticrete
2	SECTION – D	PAVING & INTERLOCKING TILES	Super Decorative, Aditya Designer, Maha Bhima, Tricon, Pheonix, Eurocon, Ultra, Sphinx
3	SECTION – G	FIXTURES FOR DOOR & WINDOWS	Jyoti, Classic, Hardwyn
4	SECTION – J	PAINTS & POLISHES	Asian, Berger, Nerolac, Saicoat, Indocem, PMCC, ESSAR, Sheenlac, Altek, Suryacem, Neon, JK White Cement, ICON Paints
5	SECTION – K	PARTICLE BOARDS	NCL Bison, Ramco-Hilux, Everest-board, Visakha-board, Rajshri, Innsula, Aerocon, Aerolite
6	SECTION – M	CEILINGS, WALL PARTITIONS & WALL LININGS	NCL-Seccolor, NCL Bison, Ramco-Hilux, Everest-board, Visakha-board, Rajshri, Innsula, Gypsum India, Armstrong, Daikin, Gyproc Saint-Gobain
7	SECTION – N	DOORS	NCL-Seccolor, Anand, Ahlada, Raavila, Kutty, Standard, Shubhdwar, ITP, Rajshri, NCL-Bison, Elixir, Sintex, Elgi, Polywood, Sintex, NCL-Wintech, Fenesta, LG, Masonite
8	SECTION – P	WINDOWS	NCL-Seccolor, NCL-Bison, Ahlada, Elixir, Sintex, Elgi, Polywood, NCL-Wintech, Fenesta, LG
9	SECTION – Q	STRUCTURAL GLAZING	NCL-Seccolor, NCL-Bison, Elixir, Sintex, Elgi, Polywood, Sintex, NCL-Wintech, Fenesta, LG
10	SECTION – U	EXPANSION JOINT FILLERS	Silseal, Silflex, Armour, Shalitex
11	SECTION – W	MISCELLANEOUS ITEMS	Sintex for PVC tanks, Centurywells for Galvalume sheets, Elixir for PEB structures

Civil Items (Centering Charges) – Buildings SoR: 2013-14

SI	NAME OF THE STRUCTURAL MEMBER	Material Hire charges	Labour charges	Centering Charges for 2013-14	Unit of Measurement
1	2	3	4	5	6

HIRE CHARGES FOR CENTERING & SCAFFOLDING

A	FOOTINGS	Rs.	137.00	Rs.	415.00	Rs.	552.00	per 1 cum
B	PEDESTALS	Rs.	109.00	Rs.	660.00	Rs.	769.00	per 1 cum
C	PLINTH BEAMS	Rs.	1158.00	Rs.	1000.00	Rs.	2158.00	per 1 cum
HIRE CHARGES FOR CENTERING & SCAFFOLDING - Unsupported Height up to 3.66 M Steel scaffolding pipes, jack Props, wallers, Foot plates, brackets, steel Centering Plates, etc.,								
D	LINTELS	Rs.	984.00	Rs.	1062.00	Rs.	2046.00	per 1 cum
E	CHAJJAS - SUNSHADES	Rs.	194.00	Rs.	163.00	Rs.	357.00	per 1 sqm
F	COLUMNS	Rs.	296.00	Rs.	1491.00	Rs.	1787.00	per 1 cum
G	BEAMS	Rs.	1737.00	Rs.	1251.00	Rs.	2988.00	per 1 cum
H	SLABS - Up to 150 mm thick	Rs.	197.00	Rs.	142.00	Rs.	339.00	per 1 sqm
I	SLABS - above 150 mm - Up to 300 mm thick	Rs.	203.00	Rs.	146.00	Rs.	349.00	per 1 sqm
J	SLABS - above 300 mm thick	Rs.	212.00	Rs.	152.00	Rs.	364.00	per 1 sqm
K	WAFFLE - (GRID) SLABS (Rib Beams with Slabs)	Rs.	715.00	Rs.	515.00	Rs.	1230.00	per 1 sqm
L	PERGOLA SLABS (Only Rib Beams)	Rs.	502.00	Rs.	361.00	Rs.	863.00	per 1 sqm
M	ARCH BEAMS - up to 1.5 M Span	Rs.	1975.00	Rs.	1422.00	Rs.	3397.00	per 1 cum
N	ARCH BEAMS - above 1.5 M Span	Rs.	2003.00	Rs.	1442.00	Rs.	3445.00	per 1 cum
O	DOME SLABS	Rs.	3194.00	Rs.	2299.00	Rs.	5493.00	per 1 cum
P	HELICAL STAIRCASES	Rs.	243.00	Rs.	175.00	Rs.	418.00	per 1 sqm
Q	SHEAR WALLS, RCC WALLS, WATER TANK WALLS	DELETED						

HIRE CHARGES FOR CENTERING & SCAFFOLDING - Unsupported Height up to 7.32 M  
 Steel scaffolding pipes, jack Props, wallers, Foot plates, brackets, steel Centering Plates, etc.,

D	LINTELS	Rs.	1772.00	Rs.	1687.00	Rs.	3459.00	per 1 cum
E	CHAJJAS - SUNSHADES	Rs.	350.00	Rs.	259.00	Rs.	609.00	per 1 sqm
F	COLUMNS	Rs.	533.00	Rs.	2369.00	Rs.	2902.00	per 1 cum
G	BEAMS	Rs.	3130.00	Rs.	1987.00	Rs.	5117.00	per 1 cum
H	SLABS - Up to 150 mm thick	Rs.	355.00	Rs.	225.00	Rs.	580.00	per 1 sqm
I	SLABS - above 150 mm - Up to 300 mm thick	Rs.	365.00	Rs.	232.00	Rs.	597.00	per 1 sqm
J	SLABS - above 300 mm thick	Rs.	382.00	Rs.	242.00	Rs.	624.00	per 1 sqm
K	WAFFLE - (GRID) SLABS (Rib Beams with Slabs)	Rs.	1289.00	Rs.	818.00	Rs.	2107.00	per 1 sqm
L	PERGOLA SLABS (Only Rib Beams)	Rs.	904.00	Rs.	574.00	Rs.	1478.00	per 1 sqm
M	ARCH BEAMS - up to 1.5 M Span	Rs.	3559.00	Rs.	2259.00	Rs.	5818.00	per 1 cum
N	ARCH BEAMS - above 1.5 M Span	Rs.	3609.00	Rs.	2291.00	Rs.	5900.00	per 1 cum
O	DOME SLABS	Rs.	5755.00	Rs.	3653.00	Rs.	9408.00	per 1 cum
P	HELICAL STAIRCASES	Rs.	439.00	Rs.	278.00	Rs.	717.00	per 1 sqm
Q	SHEAR WALLS, RCC WALLS, WATER TANK WALLS	DELETED						

HIRE CHARGES FOR CENTERING & SCAFFOLDING - Unsupported Height up to 3.66 M  
Casuarinas Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Wall Plates etc.,

D	LINTELS	Rs.	680.00	Rs.	834.00	Rs.	1514.00	per 1 cum
E	CHAJJAS - SUNSHADES	Rs.	134.00	Rs.	128.00	Rs.	262.00	per 1 sqm
F	COLUMNS	Rs.	205.00	Rs.	1171.00	Rs.	1376.00	per 1 cum
G	BEAMS	Rs.	1201.00	Rs.	982.00	Rs.	2183.00	per 1 cum
H	SLABS - Up to 150 mm thick	Rs.	136.00	Rs.	111.00	Rs.	247.00	per 1 sqm
I	SLABS - above 150 mm - Up to 300 mm thick	Rs.	140.00	Rs.	114.00	Rs.	254.00	per 1 sqm
J	SLABS - above 300 mm thick	Rs.	146.00	Rs.	120.00	Rs.	266.00	per 1 sqm
K	WAFFLE - (GRID) SLABS (Rib Beams with Slabs)	Rs.	495.00	Rs.	404.00	Rs.	899.00	per 1 sqm
L	PERGOLA SLABS (Only Rib Beams)	Rs.	347.00	Rs.	284.00	Rs.	631.00	per 1 sqm
M	ARCH BEAMS - up to 1.5 M Span	Rs.	1366.00	Rs.	1116.00	Rs.	2482.00	per 1 cum
N	ARCH BEAMS - above 1.5 M Span	Rs.	1385.00	Rs.	1132.00	Rs.	2517.00	per 1 cum
O	DOME SLABS	Rs.	2209.00	Rs.	1805.00	Rs.	4014.00	per 1 cum
P	HELICAL STAIRCASES	Rs.	168.00	Rs.	138.00	Rs.	306.00	per 1 sqm
Q	SHEAR WALLS, RCC WALLS, WATER TANK WALLS	DELETED						

SI	NAME OF THE STRUCTURAL MEMBER	Material Hire charges		Labour charges		Centering Charges for 2013-14		Unit of Measurement
1	2	3		4		5		6
HIRE CHARGES FOR ACCESS SCAFFOLDING - up to 3.66 M using Casuarinas Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Wall Plates etc., for BRICK MASONRY/ STONE MASONRY - 1 sqm (Wall Area)								
A	1st - Floor	Rs.	8.99	Rs.	54.34	Rs.	63.32	per 1 sqm
B	2nd - Floor	Rs.	8.99	Rs.	77.01	Rs.	86.00	per 1 sqm
C	3rd - Floor	Rs.	8.99	Rs.	99.69	Rs.	108.67	per 1 sqm
D	4th - Floor	Rs.	8.99	Rs.	122.36	Rs.	131.35	per 1 sqm
E	5th - Floor	Rs.	8.99	Rs.	145.04	Rs.	154.03	per 1 sqm
F	6th - Floor	Rs.	8.99	Rs.	167.72	Rs.	176.70	per 1 sqm
G	7th - Floor	Rs.	8.99	Rs.	190.39	Rs.	199.38	per 1 sqm
H	8th - Floor	Rs.	8.99	Rs.	213.07	Rs.	222.05	per 1 sqm
I	9th - Floor	Rs.	8.99	Rs.	235.74	Rs.	244.73	per 1 sqm
J	10th - Floor	Rs.	8.99	Rs.	258.42	Rs.	267.40	per 1 sqm
K	11th - Floor	Rs.	8.99	Rs.	281.09	Rs.	290.08	per 1 sqm
L	12th - Floor	Rs.	8.99	Rs.	303.77	Rs.	312.75	per 1 sqm
M	13th - Floor	Rs.	8.99	Rs.	326.44	Rs.	335.43	per 1 sqm
N	14th - Floor	Rs.	8.99	Rs.	349.12	Rs.	358.11	per 1 sqm
O	15th - Floor	Rs.	8.99	Rs.	371.80	Rs.	380.78	per 1 sqm

HIRE CHARGES FOR ACCESS SCAFFOLDING - up to 3.66 M using Casuarinas Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Wall Plates etc., for PLASTERING to WALLS - 1 sqm								
A	1st - Floor	Rs.	0.90	Rs.	5.43	Rs.	6.33	per 1 sqm
B	2nd - Floor	Rs.	0.90	Rs.	7.70	Rs.	8.60	per 1 sqm
C	3rd - Floor	Rs.	0.90	Rs.	9.97	Rs.	10.87	per 1 sqm
D	4th - Floor	Rs.	0.90	Rs.	12.24	Rs.	13.13	per 1 sqm
E	5th - Floor	Rs.	0.90	Rs.	14.50	Rs.	15.40	per 1 sqm
F	6th - Floor	Rs.	0.90	Rs.	16.77	Rs.	17.67	per 1 sqm
G	7th - Floor	Rs.	0.90	Rs.	19.04	Rs.	19.94	per 1 sqm
H	8th - Floor	Rs.	0.90	Rs.	21.31	Rs.	22.21	per 1 sqm
I	9th - Floor	Rs.	0.90	Rs.	23.57	Rs.	24.47	per 1 sqm
J	10th - Floor	Rs.	0.90	Rs.	25.84	Rs.	26.74	per 1 sqm
K	11th - Floor	Rs.	0.90	Rs.	28.11	Rs.	29.01	per 1 sqm
L	12th - Floor	Rs.	0.90	Rs.	30.38	Rs.	31.28	per 1 sqm
M	13th - Floor	Rs.	0.90	Rs.	32.64	Rs.	33.54	per 1 sqm
N	14th - Floor	Rs.	0.90	Rs.	34.91	Rs.	35.81	per 1 sqm
O	15th - Floor	Rs.	0.90	Rs.	37.18	Rs.	38.08	per 1 sqm

HIRE CHARGES FOR STAGE SCAFFOLDING - up to 3.66 M using Casuarinas Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Wall Plates etc., for CEILING PLASTERING - 1 sqm								
A	1st - Floor	Rs.	2.11	Rs.	11.08	Rs.	13.19	per 1 sqm
B	2nd - Floor	Rs.	2.11	Rs.	15.57	Rs.	17.68	per 1 sqm
C	3rd - Floor	Rs.	2.11	Rs.	20.05	Rs.	22.16	per 1 sqm
D	4th - Floor	Rs.	2.11	Rs.	24.54	Rs.	26.65	per 1 sqm
E	5th - Floor	Rs.	2.11	Rs.	29.03	Rs.	31.14	per 1 sqm
F	6th - Floor	Rs.	2.11	Rs.	33.51	Rs.	35.62	per 1 sqm
G	7th - Floor	Rs.	2.11	Rs.	38.00	Rs.	40.11	per 1 sqm
H	8th - Floor	Rs.	2.11	Rs.	42.49	Rs.	44.60	per 1 sqm
I	9th - Floor	Rs.	2.11	Rs.	46.98	Rs.	49.08	per 1 sqm
J	10th - Floor	Rs.	2.11	Rs.	51.46	Rs.	53.57	per 1 sqm
K	11th - Floor	Rs.	2.11	Rs.	55.95	Rs.	58.06	per 1 sqm
L	12th - Floor	Rs.	2.11	Rs.	60.44	Rs.	62.54	per 1 sqm
M	13th - Floor	Rs.	2.11	Rs.	64.92	Rs.	67.03	per 1 sqm
N	14th - Floor	Rs.	2.11	Rs.	69.41	Rs.	71.52	per 1 sqm
O	15th - Floor	Rs.	2.11	Rs.	73.90	Rs.	76.00	per 1 sqm

CENTERING & SCAFFOLDING CHARGES- FLOOR WISE RATES for Steel scaffolding pipes, jack Props, Steel Centering Plates, etc., for unsupported height 3.66 M

1st - Floor		LINTELS	CHAJJAS - SUNSHADES	COLUMNS	BEAMS	SLABS - Up to 150 mm thick	SLABS - above 150 mm - Up to 300 mm thick	SLABS - above 300 mm thick	WAFFLE - (GRID) SLABS (Rib Beams with Slabs)	PERGOLA SLABS (Only Rib Beams)	ARCH BEAMS - up to 1.5 M Span	ARCH BEAMS - above 1.5 M Span	DOME SLABS	HELICAL STAIRCASES	SHEAR WALLS, RCC WALLS, WATER TANK WALLS
Material Hire for any Floor	H	984.00	194.00	296.00	1737.00	197.00	203.00	212.00	715.00	502.00	1975.00	2003.00	3194.00	243.00	503.00
Labour Charges for 1st Floor	L	1062.00	163.00	1491.00	1251.00	142.00	146.00	152.00	515.00	361.00	1422.00	1442.00	2299.00	175.00	543.00
Total Hire Charges (H+L)	T	2046.00	357.00	1787.00	2988.00	339.00	349.00	364.00	1230.00	863.00	3397.00	3445.00	5493.00	418.00	1046.00

1st - Floor	L	1062.00	163.00	1491.00	1251.00	142.00	146.00	152.00	515.00	361.00	1422.00	1442.00	2299.00	175.00	543.00
2nd - Floor	L	1168.00	179.00	1640.00	1376.00	156.00	161.00	167.00	567.00	397.00	1564.00	1586.00	2529.00	193.00	597.00
3rd - Floor	L	1274.00	196.00	1789.00	1501.00	170.00	175.00	182.00	618.00	433.00	1706.00	1730.00	2759.00	210.00	652.00
4th - Floor	L	1381.00	212.00	1938.00	1626.00	185.00	190.00	198.00	670.00	469.00	1849.00	1875.00	2989.00	228.00	706.00
5th - Floor	L	1487.00	228.00	2087.00	1751.00	199.00	204.00	213.00	721.00	505.00	1991.00	2019.00	3219.00	245.00	760.00
6th - Floor	L	1593.00	245.00	2237.00	1877.00	213.00	219.00	228.00	773.00	542.00	2133.00	2163.00	3449.00	263.00	815.00
7th - Floor	L	1699.00	261.00	2386.00	2002.00	227.00	234.00	243.00	824.00	578.00	2275.00	2307.00	3678.00	280.00	869.00
8th - Floor	L	1805.00	277.00	2535.00	2127.00	241.00	248.00	258.00	876.00	614.00	2417.00	2451.00	3908.00	298.00	923.00
9th - Floor	L	1912.00	293.00	2684.00	2252.00	256.00	263.00	274.00	927.00	650.00	2560.00	2596.00	4138.00	315.00	977.00
10th - Floor	L	2018.00	310.00	2833.00	2377.00	270.00	277.00	289.00	979.00	686.00	2702.00	2740.00	4368.00	333.00	1032.00
11th - Floor	L	2124.00	326.00	2982.00	2502.00	284.00	292.00	304.00	1030.00	722.00	2844.00	2884.00	4598.00	350.00	1086.00
12th - Floor	L	2230.00	342.00	3131.00	2627.00	298.00	307.00	319.00	1082.00	758.00	2986.00	3028.00	4828.00	368.00	1140.00
13th - Floor	L	2336.00	359.00	3280.00	2752.00	312.00	321.00	334.00	1133.00	794.00	3128.00	3172.00	5058.00	385.00	1195.00
14th - Floor	L	2443.00	375.00	3429.00	2877.00	327.00	336.00	350.00	1185.00	830.00	3271.00	3317.00	5288.00	403.00	1249.00
15th - Floor	L	2549.00	391.00	3578.00	3002.00	341.00	350.00	365.00	1236.00	866.00	3413.00	3461.00	5518.00	420.00	1303.00

Note: - Centering & scaffolding charges for steel scaffolding with pipes, jack props, steel centering plates for unsupported heights of every 610 mm height above 3.66 M may be allowed at 16.666% more than the basic material hire charges and relevant labour charges of the applicable floor and item

CENTERING & SCAFFOLDING CHARGES- FLOOR WISE RATES for Steel scaffolding pipes, jack Props, Steel Centering Plates, etc., for unsupported height 7.32 M

		LINTELS	CHAJJAS - SUNSHADES	COLUMNS	BEAMS	SLABS - Up to 150 mm thick	SLABS - above 150 mm - Up to 300 mm thick	SLABS - above 300 mm thick	WAFFLE - (GRID) SLABS (Rib Beams with Slabs)	PERGOLA SLABS (Only Rib Beams)	ARCH BEAMS - up to 1.5 M Span	ARCH BEAMS - above 1.5 M Span	DOME SLABS	HELICAL STAIRCASES	SHEAR WALLS, RCC WALLS, WATER TANK WALLS
Material Hire for any Floor	H	1772.00	350.00	533.00	3130.00	355.00	365.00	382.00	1289.00	904.00	3559.00	3609.00	5755.00	439.00	906.00
Labour Charges for 1st Floor	L	1687.00	259.00	2369.00	1987.00	225.00	232.00	242.00	818.00	574.00	2259.00	2291.00	3653.00	278.00	863.00
Total Hire Charges (H+L)	T	3459.00	609.00	2902.00	5117.00	580.00	597.00	624.00	2107.00	1478.00	5818.00	5900.00	9408.00	717.00	1769.00

1st - Floor	L	1687.00	259.00	2369.00	1987.00	225.00	232.00	242.00	818.00	574.00	2259.00	2291.00	3653.00	278.00	863.00
2nd - Floor	L	1856.00	285.00	2606.00	2186.00	248.00	255.00	266.00	900.00	631.00	2485.00	2520.00	4018.00	306.00	949.00
3rd - Floor	L	2024.00	311.00	2843.00	2384.00	270.00	278.00	290.00	982.00	689.00	2711.00	2749.00	4384.00	334.00	1036.00
4th - Floor	L	2193.00	337.00	3080.00	2583.00	293.00	302.00	315.00	1063.00	746.00	2937.00	2978.00	4749.00	361.00	1122.00
5th - Floor	L	2362.00	363.00	3317.00	2782.00	315.00	325.00	339.00	1145.00	804.00	3163.00	3207.00	5114.00	389.00	1208.00
6th - Floor	L	2531.00	389.00	3554.00	2981.00	338.00	348.00	363.00	1227.00	861.00	3389.00	3437.00	5480.00	417.00	1295.00
7th - Floor	L	2699.00	414.00	3790.00	3179.00	360.00	371.00	387.00	1309.00	918.00	3614.00	3666.00	5845.00	445.00	1381.00
8th - Floor	L	2868.00	440.00	4027.00	3378.00	383.00	394.00	411.00	1391.00	976.00	3840.00	3895.00	6210.00	473.00	1467.00
9th - Floor	L	3037.00	466.00	4264.00	3577.00	405.00	418.00	436.00	1472.00	1033.00	4066.00	4124.00	6575.00	500.00	1553.00
10th - Floor	L	3205.00	492.00	4501.00	3775.00	428.00	441.00	460.00	1554.00	1091.00	4292.00	4353.00	6941.00	528.00	1640.00
11th - Floor	L	3374.00	518.00	4738.00	3974.00	450.00	464.00	484.00	1636.00	1148.00	4518.00	4582.00	7306.00	556.00	1726.00
12th - Floor	L	3543.00	544.00	4975.00	4173.00	473.00	487.00	508.00	1718.00	1205.00	4744.00	4811.00	7671.00	584.00	1812.00
13th - Floor	L	3711.00	570.00	5212.00	4371.00	495.00	510.00	532.00	1800.00	1263.00	4970.00	5040.00	8037.00	612.00	1899.00
14th - Floor	L	3880.00	596.00	5449.00	4570.00	518.00	534.00	557.00	1881.00	1320.00	5196.00	5269.00	8402.00	639.00	1985.00
15th - Floor	L	4049.00	622.00	5686.00	4769.00	540.00	557.00	581.00	1963.00	1378.00	5422.00	5498.00	8767.00	667.00	2071.00

CENTERING & SCAFFOLDING CHARGES- FLOOR WISE RATES for Casuarinas Ballies, Bamboos, Wooden Reapers, Runners, Wood Posts, Wall Plates, Steel Centering Plates etc., for unsupported height 3.66 M

		LINTELS	CHAJJAS - SUNSHADES	COLUMNS	BEAMS	SLABS - Up to 150 mm thick	SLABS - above 150 mm - Up to 300 mm thick	SLABS - above 300 mm thick	WAFFLE - (GRID) SLABS (Rib Beams with Slabs)	PERGOLA SLABS (Only Rib Beams)	ARCH BEAMS - up to 1.5 M Span	ARCH BEAMS - above 1.5 M Span	DOME SLABS	HELICAL STAIRCASES	SHEAR WALLS, RCC WALLS, WATER TANK WALLS
Hire Charges	H	680.00	134.00	205.00	1201.00	136.00	140.00	146.00	495.00	347.00	1366.00	1385.00	2209.00	168.00	348.00
Labour Charges	L	834.00	128.00	1171.00	982.00	111.00	114.00	120.00	404.00	284.00	1116.00	1132.00	1805.00	138.00	426.00
Unit of Measurement	T	1514.00	262.00	1376.00	2183.00	247.00	254.00	266.00	899.00	631.00	2482.00	2517.00	4014.00	306.00	774.00

1st - Floor	L	834.00	128.00	1171.00	982.00	111.00	114.00	120.00	404.00	284.00	1116.00	1132.00	1805.00	138.00	426.00
2nd - Floor	L	917.00	141.00	1288.00	1080.00	122.00	125.00	132.00	444.00	312.00	1228.00	1245.00	1986.00	152.00	469.00
3rd - Floor	L	1001.00	154.00	1405.00	1178.00	133.00	137.00	144.00	485.00	341.00	1339.00	1358.00	2166.00	166.00	511.00
4th - Floor	L	1084.00	166.00	1522.00	1277.00	144.00	148.00	156.00	525.00	369.00	1451.00	1472.00	2347.00	179.00	554.00
5th - Floor	L	1168.00	179.00	1639.00	1375.00	155.00	160.00	168.00	566.00	398.00	1562.00	1585.00	2527.00	193.00	596.00
6th - Floor	L	1251.00	192.00	1757.00	1473.00	167.00	171.00	180.00	606.00	426.00	1674.00	1698.00	2708.00	207.00	639.00
7th - Floor	L	1334.00	205.00	1874.00	1571.00	178.00	182.00	192.00	646.00	454.00	1786.00	1811.00	2888.00	221.00	682.00
8th - Floor	L	1418.00	218.00	1991.00	1669.00	189.00	194.00	204.00	687.00	483.00	1897.00	1924.00	3069.00	235.00	724.00
9th - Floor	L	1501.00	230.00	2108.00	1768.00	200.00	205.00	216.00	727.00	511.00	2009.00	2038.00	3249.00	248.00	767.00
10th - Floor	L	1585.00	243.00	2225.00	1866.00	211.00	217.00	228.00	768.00	540.00	2120.00	2151.00	3430.00	262.00	809.00
11th - Floor	L	1668.00	256.00	2342.00	1964.00	222.00	228.00	240.00	808.00	568.00	2232.00	2264.00	3610.00	276.00	852.00
12th - Floor	L	1751.00	269.00	2459.00	2062.00	233.00	239.00	252.00	848.00	596.00	2344.00	2377.00	3791.00	290.00	895.00
13th - Floor	L	1835.00	282.00	2576.00	2160.00	244.00	251.00	264.00	889.00	625.00	2455.00	2490.00	3971.00	304.00	937.00
14th - Floor	L	1918.00	294.00	2693.00	2259.00	255.00	262.00	276.00	929.00	653.00	2567.00	2604.00	4152.00	317.00	980.00
15th - Floor	L	2002.00	307.00	2810.00	2357.00	266.00	274.00	288.00	970.00	682.00	2678.00	2717.00	4332.00	331.00	1022.00

# WATER SUPPLY & SANITARY ITEMS

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
<b>A</b>		<b>S.W.G. PIPES &amp; FITTINGS</b>		
1	BMW-A.01	Supplying, laying, jointing and testing 101.6 mm SWG SP-1 pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1.5:1 prop. Including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 1524 mm(5'0") depth and refilling with watering and tamping.	1 RM	<b>390.00</b>
2	BMW-A.02	Supplying, laying, jointing and testing 101.6 mm SWG SP-1 pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1.5:1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 914.4 mm (3'0") depth and refilling with watering and tamping.	1 RM	<b>262.00</b>
3	BMW-A.03	Supplying, laying, jointing and testing 152.4 mm SWG SP-1 pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1.5:1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 1524 mm(5'0") depth and refilling with watering and tamping.	1 RM	<b>526.00</b>
4	BMW-A.04	Supplying, laying, jointing and testing 152.4 mm SWG SP-1 pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1.5:1 prop. including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 914.4 mm (3'0")) depth and refilling with watering and tamping.	1 RM	<b>407.00</b>
5	BMW-A.05	labour charges only for laying, jointing and testing SWG pipes of any dia with airtight cement joints including excavation of trenches and socket pits in any soil up to 914.4 mm (3'0") depth (except rock requiring blasting) and refilling with watering and tamping.	1 RM	<b>113.00</b>
6	BMW-A.06	labour charges only for laying, jointing and testing SWG pipes of any dia with airtight cement joints including excavation of trenches and socket pits in any soil up to 1524 mm (5'-0") depth (except rock requiring blasting) and refilling with watering and tamping.	1 RM	<b>154.00</b>
7	BMW-A.07	a)Supplying , laying, jointing and testing 152.4 mm CC bed 1:2:4 Prop: using 19.05 mm gauge graded granite metal chips and cradling 101.6 mm SWG pipe line all round to have 76.2 mm thick cover over the sockets.	1 RM	<b>81.00</b>
8	BMW-A.08	b) - do - labour charges only	1 RM	<b>9.00</b>
9	BMW-A.09	a)Supplying , laying, jointing and testing 152.4 mm CC bed 1:2:4 Prop: using 19.05 mm gauge graded granite metal chips and cradling 152.4 mm SWG pipe line all round to have 76.2 mm thick cover over the sockets.	1 RM	<b>139.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
10	BMW-A.10	b) - do - labour charges only	1 RM	<b>45.00</b>
11	BMW-A.11	a) Supplying & Laying 101.6 mm SWG channels with cement mortar joints with suitable brick masonry for fixing the channels in position	1 RM	<b>81.00</b>
12	BMW-A.12	b) - do - labour charges only	1 RM	<b>31.00</b>
13	BMW-A.13	a) Supplying & Laying 152.4 mm SWG channels with cement mortar joints with suitable brick masonry for fixing the channels in position	1 RM	<b>152.00</b>
14	BMW-A.14	b) - do - labour charges only	1 RM	<b>43.00</b>
15	BMW-A.15	Supply of SWG SP-1 pipe conforming to ISI 651 - 4" dia (101.6mm)	1 RM	<b>169.00</b>
16	BMW-A.16	Supply of SWG SP-1 pipe conforming to ISI 651 - 6" dia (152.4mm)	1 RM	<b>293.00</b>
17	BMW-A.17	Supply of SWG SP-1 pipe conforming to ISI 651 - 8" dia (203.2mm)	1 RM	<b>453.00</b>
18	BMW-A.18	Supply of SWG SP-1 pipe conforming to ISI 651 - 10" dia (254 mm)	1 RM	<b>829.00</b>
19	BMW-A.19	Supply of SWG SP-1 pipe conforming to ISI 651 - 12" dia (300 mm)	1 RM	<b>1,195.00</b>
20	BMW-A.20	Supply of SWG SP-1 pipe conforming to ISI 651 - 14" dia (350 mm)	1 RM	<b>1,626.00</b>
21	BMW-A.21	Supply of SWG SP-1 pipe conforming to ISI 651 - 16" dia (400 mm)	1 RM	<b>1,961.00</b>
22	BMW-A.22	Supply of SWG SP-1 pipe conforming to ISI 651 - 18" dia (450 mm)	1 RM	<b>2,368.00</b>
23	BMW-A.23	Supply of SWG SP-2 pipe conforming to ISI 651 - 4" dia (101.6mm)	1 RM	<b>208.00</b>
24	BMW-A.24	Supply of SWG SP-2 pipe conforming to ISI 651 - 6" dia (152.4mm)	1 RM	<b>310.00</b>
25	BMW-A.25	Supply of SWG SP-2 pipe conforming to ISI 651 - 8" dia (203.2mm)	1 RM	<b>559.00</b>
26	BMW-A.26	Supply of SWG SP-2 pipe conforming to ISI 651 - 10" dia (254 mm)	1 RM	<b>879.00</b>
27	BMW-A.27	Supply of SWG SP-2 pipe conforming to ISI 651 - 12" dia (300 mm)	1 RM	<b>1,350.00</b>
28	BMW-A.28	Supply of SWG SP-2 pipe conforming to ISI 651 - 14" dia (350 mm)	1 RM	<b>1,751.00</b>
29	BMW-A.29	Supply of SWG SP-2 pipe conforming to ISI 651 - 16" dia (400 mm)	1 RM	<b>2,016.00</b>
30	BMW-A.30	Supply of SWG SP-2 pipe conforming to ISI 651 - 18" dia (450 mm)	1 RM	<b>2,573.00</b>
31	BMW-A.31	Supply of SWG SP-3 pipe conforming to ISI 651 - 4" dia (101.6mm)	1 RM	<b>266.00</b>
32	BMW-A.32	Supply of SWG SP-3 pipe conforming to ISI 651 - 6" dia (152.4mm)	1 RM	<b>387.00</b>
33	BMW-A.33	Supply of SWG SP-3 pipe conforming to ISI 651 - 8" dia (203.2mm)	1 RM	<b>685.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
34	BMW-A.34	Supply of SWG SP-3 pipe conforming to ISI 651 - 10" dia (254 mm)	1 RM	<b>1,041.00</b>
35	BMW-A.35	Supply of SWG SP-3 pipe conforming to ISI 651 - 12" dia (300 mm)	1 RM	<b>1,455.00</b>
36	BMW-A.36	Supply of SWG SP-3 pipe conforming to ISI 651 - 14" dia (350 mm)	1 RM	<b>1,848.00</b>
37	BMW-A.37	Supply of SWG SP-2 pipe conforming to ISI 651 - 16" dia (400 mm)	1 RM	<b>2,127.00</b>
38	BMW-A.38	Supply of SWG SP-3 pipe conforming to ISI 651 - 18" dia (450 mm)	1 RM	<b>2,893.00</b>
39	BMW-A.39	Supply of SWG Bends conforming to IS standards -100 mm dia	Each	<b>85.00</b>
40	BMW-A.40	Supply of SWG Bends conforming to IS standards -150 mm dia	Each	<b>157.00</b>
41	BMW-A.41	Supply of SWG Bends conforming to IS standards -200 mm dia	Each	<b>296.00</b>
42	BMW-A.42	Supply of SWG Bends conforming to IS standards -250 mm dia	Each	<b>600.00</b>
43	BMW-A.43	Supply of SWG Bends conforming to IS standards -300 mm dia	Each	<b>762.00</b>
44	BMW-A.44	Supply of SWG Bends conforming to IS standards -350 mm dia	Each	<b>952.00</b>
45	BMW-A.45	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 100 x 100	Each	<b>163.00</b>
46	BMW-A.46	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 150 x 100	Each	<b>241.00</b>
47	BMW-A.47	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 150 x 150	Each	<b>262.00</b>
48	BMW-A.48	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 200 x 100	Each	<b>373.00</b>
49	BMW-A.49	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 200 x 150	Each	<b>437.00</b>
50	BMW-A.50	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 200 x 200	Each	<b>501.00</b>
51	BMW-A.51	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 250 x 100	Each	<b>589.00</b>
52	BMW-A.52	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 250 x 150	Each	<b>778.00</b>
53	BMW-A.53	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 250 x 200	Each	<b>963.00</b>
54	BMW-A.54	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 250 x 250	Each	<b>1,152.00</b>
55	BMW-A.55	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 100	Each	<b>840.00</b>
56	BMW-A.56	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 150	Each	<b>1,076.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
57	BMW-A.57	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 200	Each	<b>1,312.00</b>
58	BMW-A.58	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 250	Each	<b>1,549.00</b>
59	BMW-A.59	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 300 x 300	Each	<b>1,784.00</b>
60	BMW-A.60	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 100	Each	<b>1,048.00</b>
61	BMW-A.61	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 150	Each	<b>1,344.00</b>
62	BMW-A.62	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 200	Each	<b>1,639.00</b>
63	BMW-A.63	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 250	Each	<b>1,933.00</b>
64	BMW-A.64	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 300	Each	<b>2,229.00</b>
65	BMW-A.65	Supply of SWG Junctions (T's & Y's) conforming to IS standards with length of barrel 60 cm for - 350 x 350	Each	<b>2,522.00</b>
66	BMW-A.66	Supply of SWG Plugs conforming to IS standards for 100 mm dia	Each	<b>31.00</b>
67	BMW-A.67	Supply of SWG Plugs conforming to IS standards for 150 mm dia	Each	<b>59.00</b>
68	BMW-A.68	Supply of SWG Plugs conforming to IS standards for 200 mm dia	Each	<b>112.00</b>
69	BMW-A.69	Supply of SWG Plugs conforming to IS standards for 250 mm dia	Each	<b>194.00</b>
70	BMW-A.70	Supply of SWG Plugs conforming to IS standards for 300 mm dia	Each	<b>307.00</b>
71	BMW-A.71	Supply of SWG Plugs conforming to IS standards for 350 mm dia	Each	<b>386.00</b>
72	BMW-A.72	Supplying & fixing 150 mm x 100 mm SWG gully traps conforming to ISI 651 & 4127 with C.I Grating & Cost. Brick masonry in CM 1:6 prop. Intermediate chamber and fitted with 304.8 mm x 288.6mm (12"x9") C.I Frame and hinged cover	Each	<b>530.00</b>
73	BMW-A.73	Supply of SWG Gully Traps (Round & Square) conforming to IS standards 150 x 100 mm	Each	<b>237.00</b>
74	BMW-A.74	Labour charges for fixing and laying the SWG Junctions/ Plugs/ Bends of any dia with airtight cement joints as per standard practice	Each	<b>26.00</b>
75	BMW-A.75	Supply of SWG Saddles conforming to IS standards 150 x 100 mm		<b>172.00</b>
76	BMW-A.76	Supply of SWG Saddles conforming to IS standards 200 x 100 mm		<b>296.00</b>
77	BMW-A.77	Supply of SWG Saddles conforming to IS standards 250 x 100 mm		<b>479.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
B		<b>MAN HOLES &amp; INSPECTION CHAMBERS - AS PER - IS 4111 : Part 1 : 1986</b>		
78	BMW-B.01	Constructing 904.0 mm (3'0") dia solid block masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar (1:6) prop using fly-ash blocks of 225 mm thick from approved source having a minimum crushing strength of 10 N/sq.mm including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 904 mm (3'-0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.	Each	<b>5,396.00</b>
79	BMW-B.02	Constructing 904.0 mm (3'0") dia solid block masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar (1:6) prop using fly-ash blocks of 225 mm thick from approved source having a minimum crushing strength of 10 N/sq.mm including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 1524 mm (5'-0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.	Each	<b>8,428.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
80	BMW-B.03	Constructing 904.0 mm (3'0") dia brick masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar (1:6) prop using 2nd Class Clay Bricks of 225 mm thick from approved source having a minimum crushing strength of 5 N/sq.mm including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 904 mm (3'-0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.	Each	4,999.00
81	BMW-B.04	Constructing 904.0 mm (3'0") dia brick masonry inspection chamber as per IS - 4111: Part-1:1986 with cement mortar (1:6) prop using 2nd Class Clay Bricks of 225 mm thick from approved source having a minimum crushing strength of 5 N/sq.mm including plastering with cement mortar 1:3 prop; ½" thick both inside and outside fitted with 20" dia RCC manhole covers and frames including excavating pits up to a depth of 1524 mm (5'-0") in all sorts of soils (excluding rock) and laying cement concrete (1:4:8) 150 mm thick using 40 mm HBG Metal and P.C.C. 1:2:4 benching and channel 100 mm thick as per Standard specification and including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of seigniorage charges on all materials and all incidental and operational, labour charges like mixing cement mortar, constructing masonry, lift charges, curing etc., complete for finished item of work as per Standard specification.	Each	7,662.00
82	BMW-B.05	Constructing 914.4 mm x 457.2 mm (3'0"x1'6") brick in CM 1:6 prop. Masonry Inspection chamber up to 914.4 mm (3'0") and fitted with light weight 914.4 mm x 457.2 mm (3'0"x1'6") C.I frame and cover of 40 Kg.	Each	5,148.00
83	BMW-B.06	Constructing 457.2 mm x 457.2 mm (1'6"x1'6") brick in CM 1:6 prop. Masonry. Inspection chamber up to 914.4 mm (3'0") and fitted with light weight 457.2 mm x 457.2 mm (1'6"x1'6") C.I frame and cover of 20 Kg.	Each	3,104.00
84	BMW-B.07	a) Making drainage connection in the existing inspection including all repairs	Each	107.00
85	BMW-B.08	b) - do - labour charges only	Each	65.00
C		<b>C.I. PIPES &amp; FITTINGS - AS PER - IS 1729:1979</b>		
		Supplying and fixing of C.I. Single/ Double Socket soil pipes		

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		ISI marked conforming to IS:1729-1979 of reputed make with cement caulked joints and fixing as per site requirements including painting black with Japan paint and fixing with necessary wooden blocks fixed in the masonry walls in cement mortar (1½:1) and including fixing of M.S. clamps if necessary with required no. of Bombay nails etc., complete		
86	BMW-C.01	3" dia (76.2 mm) Single Socket	1 RM	<b>710.00</b>
87	BMW-C.02	4" dia (101.6mm) Single Socket	1 RM	<b>811.00</b>
88	BMW-C.03	6" dia (152.4mm) Single Socket	1 RM	<b>1,418.00</b>
89	BMW-C.04	3" dia (76.2 mm) Double Socket	1 RM	<b>776.00</b>
90	BMW-C.05	4" dia (101.6mm) Double Socket	1 RM	<b>886.00</b>
91	BMW-C.06	6" dia (152.4mm) Double Socket	1 RM	<b>1,496.00</b>
92	BMW-C.07	Labour charges only for fixing of C.I. Single/ Double Socket soil pipes of any dia with cement caulked joints and fixing as per site requirements including painting black with Japan paint and fixing with necessary wooden blocks fixed in the masonry walls in cement mortar and including fixing of M.S. clamps if necessary with required nails	1 RM	<b>192.00</b>
93	BMW-C.08	Supplying & fixing CI Plain bends 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 3" dia (76.2 mm)	Each	<b>231.00</b>
94	BMW-C.09	Supplying & fixing CI Plain bends 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 4" dia (101.6 mm)	Each	<b>300.00</b>
95	BMW-C.10	Supplying & fixing CI Plain bends 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 6" dia (152.4 mm)	Each	<b>583.00</b>
96	BMW-C.11	Supplying & fixing CI Plug (Door) bends 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 3" dia (76.2 mm)	Each	<b>312.00</b>
97	BMW-C.12	Supplying & fixing CI Plug (Door) bends 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 4" dia (101.6 mm)	Each	<b>365.00</b>
98	BMW-C.13	Supplying & fixing CI Plug (Door) bends 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 6" dia (152.4 mm)	Each	<b>772.00</b>
99	BMW-C.14	Labour charges only for fixing CI Plain/ Plug (Door) bends with cement caulked joints and fixing as per site requirements with standard practice	Each	<b>61.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
100	BMW-C.15	Supplying and fixing of 76.2 mm (3") CI soil single junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	<b>420.00</b>
101	BMW-C.16	Supplying and fixing of 101.6 mm (4") CI soil single junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	<b>572.00</b>
102	BMW-C.17	Supplying and fixing of 152.4 mm (6") CI soil single junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	<b>1,335.00</b>
103	BMW-C.18	Supplying and fixing of 76.2 mm (3") CI soil plain single junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	<b>362.00</b>
104	BMW-C.19	Supplying and fixing of 101.6 mm (4") CI soil plain single junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	<b>496.00</b>
105	BMW-C.20	Supplying and fixing of 152.4 mm (6") CI soil plain single junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	<b>1,191.00</b>
106	BMW-C.21	Labour charges only fixing CI soil single junctions with cement caulked joints and fixing as per site requirements with standard practice	Each	<b>83.00</b>
107	BMW-C.22	Supplying and Fixing of 76.2 mm (3") CI soil Double junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	<b>652.00</b>
108	BMW-C.23	Supplying and Fixing of 101.6 mm (4") CI soil Double junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	<b>756.00</b>
109	BMW-C.24	Supplying and Fixing of 152.4 mm (6") CI soil Double junction with plug : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	<b>1,866.00</b>
110	BMW-C.25	Supplying and Fixing of 76.2 mm (3") CI soil plain Double junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	<b>568.00</b>
111	BMW-C.26	Supplying and Fixing of 101.6 mm (4") CI soil plain Double junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	<b>701.00</b>
112	BMW-C.27	Supplying and Fixing of 152.4 mm (6") CI soil plain Double junction : conforming to IS:1729-1979 with cement caulked joints and fixing	Each	<b>1,748.00</b>
113	BMW-C.28	Labour charges only fixing CI soil Double junctions with cement caulked joints and fixing as per site requirements with standard practice	Each	<b>77.00</b>
114	BMW-C.29	Supplying and Fixing of 75mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing -for 76.20 mm (3") C.I. Pipe	Each	<b>278.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
115	BMW-C.30	Supplying and Fixing of 75mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing -for 101.6 mm (4") C.I. Pipe	Each	<b>389.00</b>
116	BMW-C.31	Supplying and Fixing of 75mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing -for 152.4 mm (6") C.I. Pipe	Each	<b>849.00</b>
117	BMW-C.32	Supplying and Fixing of 115 mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing - for 76.20 mm (3") C.I. Pipe	Each	<b>331.00</b>
118	BMW-C.33	Supplying and Fixing of 115 mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing - for 101.6 mm (4") C.I. Pipe	Each	<b>441.00</b>
119	BMW-C.34	Supplying and Fixing of 115 mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing - for 152.4 mm (6") C.I. Pipe	Each	<b>869.00</b>
120	BMW-C.35	Supplying and Fixing of 150 mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing for 76.20 mm (3") C.I. Pipe	Each	<b>383.00</b>
121	BMW-C.36	Supplying and Fixing of 150 mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing for 101.6 mm (4") C.I. Pipe	Each	<b>496.00</b>
122	BMW-C.37	Supplying and Fixing of 150 mm C.I. Offsets 1st quality conforming to IS:1729-1979 with cement caulked joints and fixing for 152.4 mm (6") C.I. Pipe	Each	<b>888.00</b>
123	BMW-C.38	Labour charges only fixing CI soil Offsets with cement caulked joints and fixing as per site requirements with standard practice	Each	<b>39.00</b>
124	BMW-C.39	Supplying & fixing CI floor traps 1st quality ISI marked conforming to IS:1729-1979 with C.P. Grating fixing with white cement as per site requirements with standard practice for 100 mm dia Inlet- 75 mm (3") outlet pipe	Each	<b>380.00</b>
125	BMW-C.40	Supplying & fixing CI floor traps 1st quality ISI marked conforming to IS:1729-1979 with C.P. Grating fixing with white cement as per site requirements with standard practice for 100 mm dia Inlet - 100 mm (4") outlet pipe	Each	<b>453.00</b>
126	BMW-C.41	Supplying & fixing CI Nahany traps 1st quality ISI marked conforming to IS:1729-1979 with C.P. Grating fixing with white cement as per site requirements with standard practice for 100 mm dia Inlet- 75 mm (3") outlet pipe - 4 Kgs	Each	<b>307.00</b>
127	BMW-C.42	Labour charges only for fixing CI Nahany/ Floor traps with C.P. Grating fixing with white cement as per site requirements with standard practice	Each	<b>50.00</b>
128	BMW-C.43	Boxing of Nahany traps in RCC floors	Each	<b>162.00</b>
129	BMW-C.44	Boxing of W.C Trap in R.C.C floors	Each	<b>325.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
130	BMW-C.45	Supplying & fixing CI Collars (double socket) 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 76.20 mm (3") C.I. Pipe	Each	169.00
131	BMW-C.46	Supplying & fixing CI Collars (double socket) 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 101.6 mm (4") C.I. Pipe	Each	212.00
132	BMW-C.47	Supplying & fixing CI Collars (double socket) 1st quality ISI marked conforming to IS:1729-1979 with cement caulked joints and fixing as per site requirements with standard practice for 152.4 mm (6") C.I. Pipe	Each	609.00
D		<b>VITREOUS CHINAWARE - SANITARY APPLIANCES as per IS:2556 - 1974</b>		
133	BMW-D.01	Supplying & Fixing Indian pattern white glazed W.C 1st quality ISI marked conforming to IS:2556-Part-3-1981 with "P" or "S" trap Hindware/ Parryware/ Neycer - ISI Mark: <b>580 mm Long</b>	Each	886.00
134	BMW-D.02	Supplying & Fixing Indian pattern white glazed W.C 1st quality ISI marked conforming to IS:2556-Part-3-1981 with "P" or "S" trap Hindware/ Parryware/ Neycer - ISI Mark: <b>630 mm Long</b>	Each	886.00
135	BMW-D.03	Labour charges only for fixing Indian pattern W.C with "P" or "S" trap	Each	256.00
136	BMW-D.04	Supplying & Fixing Orissa Pan white glazed W.C 1st quality ISI marked conforming to IS:2556-Part-3-1981 with "P" or "S" trap Hindware/ Parryware/ Neycer - ISI Mark: <b>580 mm x 440 mm</b>	Each	1,157.00
137	BMW-D.05	Supplying & Fixing Orissa Pan white glazed W.C 1st quality ISI marked conforming to IS:2556-Part-3-1981 with "P" or "S" trap Hindware/ Parryware/ Neycer - ISI Mark: <b>630 mm x 450 mm</b>	Each	1,265.00
138	BMW-D.06	Labour charges only Fixing Orissa pan W.C with "P" or "S" trap	Each	320.00
139	BMW-D.07	Supplying & Fixing porcelain foot rest for squatting I.W.C. (Rectangular pair) of sizes 250 mm x 125 mm x 15 mm thick each foot rest 1st quality ISI marked conforming to IS:2556-Part-10:1974	Pair	216.00
140	BMW-D.08	Labour charges only for fixing porcelain foot rest for squatting I.W.C. (Rectangular pair)	Pair	58.00
141	BMW-D.09	Providing Brick masonry seat for Orissa pan/ Indian W.C. using 2nd class bricks as per standard practice	Each	278.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
142	BMW-D.10	Providing Cement Concrete Squatting plate for Orissa pan/ Indian W.C. in P.C.C. 1:2:4 as per standard practice	Each	<b>83.00</b>
143	BMW-D.11	Supplying & Fixing low down porcelain flushing tank 10 Lit Capacity Hindustan Sanitary ware/ parry/ Neycer with internal components	Each	<b>2,151.00</b>
144	BMW-D.12	Labour charges only for fixing low down porcelain flushing tank with internal components	Each	<b>448.00</b>
145	BMW-D.13	Supplying and Fixing European Water Closet of 1st quality conforming to IS:2556-Part-2-1973 of Hindustan / Neycer or Parryware make white glazed with 'P' trap	Each	<b>1,518.00</b>
146	BMW-D.14	Supplying and Fixing European Water Closet of 1st quality conforming to IS:2556-Part-2-1973 of Hindustan / Neycer or Parryware make white glazed with 'S' trap	Each	<b>1,582.00</b>
147	BMW-D.15	Labour charges only for fixing European Water Closet with 'P' or 'S' trap as per standard practice	Each	<b>224.00</b>
148	BMW-D.16	Supplying and Fixing best Indian make plastic seat and lid for European water closets with rubber or plastic Buffers as per IS 2548-1996	Each	<b>430.00</b>
149	BMW-D.17	Labour charges only for fixing plastic seat and lid for European water closet	Each	<b>65.00</b>
150	BMW-D.18	Supply, Installation and commissioning approved make floor mounted EWC (suit) CASCADE model 'P' or 'S' trap with dual flush porcelain cistern fixed on EWC with all internal parts of dual flush cistern, ultra solid seat cover of approved make with rubber buffer and cap 15 mm angle stop cock 450 mm long PVC inter connection pipe wall flanges all of approved make etc. complete for finished item of work in all respects: <b>White Colour</b>	Each	<b>8,223.00</b>
151	BMW-D.19	Supply, Installation and commissioning approved make floor mounted EWC (suit) CASCADE model 'P' or 'S' trap with dual flush porcelain cistern fixed on EWC with all internal parts of dual flush cistern, ultra solid seat cover of approved make with rubber buffer and cap 15 mm angle stop cock 450 mm long PVC inter connection pipe wall flanges all of approved make etc. complete for finished item of work in all respects: <b>Coloured - Grade - I/ Grade - II</b>	Each	<b>12,018.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
152	BMW-D.20	Supply, Installation and commissioning approved make floor mounted EWC (suit) CASCADE model 'P' or 'S' trap with dual flush porcelain cistern fixed on EWC with all internal parts of dual flush cistern, ultra solid seat cover of approved make with rubber buffer and cap 15 mm angle stop cock 450 mm long PVC inter connection pipe wall flanges all of approved make etc. complete for finished item of work in all respects: <b>Special Colour - Grade - III</b>	Each	<b>15,307.00</b>
153	BMW-D.21	Supplying & Fixing Indian make Flat Back Wash Hand Basin (HSW/Parryware/ Neycer) 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 660 x 460 mm - Single C.P. Pillar cock	Each	<b>2,214.00</b>
154	BMW-D.22	Supplying & Fixing Indian make Flat Back Wash Hand Basin (HSW/Parryware/ Neycer) 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 630 x 450 mm - Single C.P. Pillar cock	Each	<b>1,961.00</b>
155	BMW-D.23	Supplying & Fixing Indian make Flat Back Wash Hand Basin (HSW/Parryware/ Neycer) 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 630 x 450 mm - Double C.P. Pillar cock	Each	<b>2,404.00</b>
156	BMW-D.24	Supplying & Fixing Indian make Flat Back Wash Hand Basin (HSW/Parryware/ Neycer) 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 550 x 400 mm - Single C.P. Pillar cock	Each	<b>1,455.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
157	BMW-D.25	Supplying & Fixing Indian make Flat Back Wash Hand Basin (HSW/Parryware/ Neycer) 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 550 x 400 mm - Double C.P. Pillar cock	Each	<b>1,771.00</b>
158	BMW-D.26	Supplying & Fixing Indian make Flat Back Wash Hand Basin (HSW/Parryware/ Neycer) 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 450 x 300 mm - Single C.P. Pillar cock	Each	<b>1,265.00</b>
159	BMW-D.27	Supplying & Fixing Indian make Flat Back Wash Hand Basin (HSW/Parryware/ Neycer) 1st quality conforming to IS:2556-Part-4:1972 with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 and fitted with 15 mm nominal bore Chromium Plated Pillar Tap of 1st quality Indian make 400 grams Seiko/ Senior/ Nice/ Esso or equivalent complete with standard CI brackets including wooden block: 450 x 300 mm - Double C.P. Pillar cock	Each	<b>1,645.00</b>
160	BMW-D.28	Labour charges only for fixing Indian make Flat Back Wash Hand Basin with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting Pillar Taps complete with standard CI brackets including wooden block	Each	<b>320.00</b>
161	BMW-D.29	Supplying and Fixing Pedestal for Wash Hand Basin (H.S.W / Parry / Earthenware)	Each	<b>1,025.00</b>
162	BMW-D.30	Labour charges only for fixing pedestal for wash hand basin	Each	<b>116.00</b>
163	BMW-D.31	Supplying & Fixing 31.75 mm C.P bottle trap (Heavy type) Parryware or equivalent	Each	<b>405.00</b>
164	BMW-D.32	Labour charges only for fixing bottle trap to the wash hand basin	Each	<b>45.00</b>
165	BMW-D.33	Supplying & Fixing white glazed flat back Bowl urinals of size 440 mm x 265 mm x 315 mm with internal flushing rim fixed with screws complete Indian make (HSW/Parry/Neycer) conforming to IS:2556-1995	Each	<b>759.00</b>
166	BMW-D.34	Supplying & Fixing white glazed flat back half stall urinals 1st quality conforming to IS:2556-1995 with standard C.P. Spreader of overall size 95 x 95 x 57 mm conforming to IS:2556-Part6, Sec-6-1974 fixed with screws complete Indian	Each	<b>2,277.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		make (HSW/Parry/Neycer) : <b>410 x 265 x 305 mm</b>		
167	BMW-D.35	Supplying & Fixing white glazed flat back half stall urinals 1st quality conforming to IS:2556-1995 with standard C.P. Spreader of overall size 95 x 95 x 57 mm conforming to IS:2556-Part6, Sec-6-1974 fixed with screws complete Indian make (HSW/Parry/Neycer) : <b>590 x 375 x 390 mm</b>	Each	<b>2,530.00</b>
168	BMW-D.36	Labour charges only Fixing flat back Bowl/ Half stall urinals with fixing C.P. Spreader and screws complete	Each	<b>128.00</b>
169	BMW-D.37	Supplying & Fixing Indian make white glazed vitreous china porcelain sink conforming to IS:2556-Part-5-1994 on cantilever brackets with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 : <b>600 x 400 x 250</b>	Each	<b>4,048.00</b>
170	BMW-D.38	Supplying & Fixing Indian make white glazed vitreous china porcelain sink conforming to IS:2556-Part-5-1994 on cantilever brackets with waste fittings like rubber plug, chain, 32 mm nominal size C.P. Fitting with parallel pipe thread conforming to IS:2963-1979 : <b>750 x 450 x 250</b>	Each	<b>4,554.00</b>
171	BMW-D.39	Labour charges only for fixing Vitreous china porcelain sinks with waste fittings, rubber plug, chain, cantilever brackets etc.	Each	<b>320.00</b>
172	BMW-D.40	a) S & F 609.6 x 457.2 x 254 mm RCC terrazzo finished sink (or constructed at site with 50.8mm thick) brass plug and chain including CI cantilever brackets	Each	<b>646.00</b>
173	BMW-D.41	b) - do - labour charges only	Each	<b>205.00</b>
E		<b>TAPS &amp; FAUCETS</b>		
174	BMW-E.01	a) S & F 12.7 mm NP stop cock Indian make heavy duty Seiko/ Senior/ Nice/ Senior/ Nice or equivalent	Each	<b>443.00</b>
175	BMW-E.02	b) - do - labour charges only	Each	<b>26.00</b>
176	BMW-E.03	a) S & F concealed stop cock 12.7 mm (1/2") Indian Make heavy duty Seiko/ Senior/ Nice or equivalent	Each	<b>506.00</b>
177	BMW-E.04	b) - do - labour charges only	Each	<b>39.00</b>
178	BMW-E.05	a) S & F angle stop cock 12.7 mm dia first quality Indian Make heavy duty Seiko/ Senior/ Nice or equivalent	Each	<b>443.00</b>
179	BMW-E.06	b) - do - labour charges only	Each	<b>39.00</b>
180	BMW-E.07	a) S&F 12.7 mm N.P bib tap Indian make heavy dutys Seiko/ Senior/ Nice or equivalent	Each	<b>380.00</b>
181	BMW-E.08	b) - do - labour charges only	Each	<b>26.00</b>
182	BMW-E.09	a) S&F 12.7mm N.P bib tap Indian make 3heavy duty	Each	<b>241.00</b>
183	BMW-E.10	b) - do - labour charges only	Each	<b>26.00</b>
184	BMW-E.11	a)S & F 31.75 mm brass plumber Union best Indian first quality	Each	<b>64.00</b>
185	BMW-E.12	b) - do - labour charges only	Each	<b>13.00</b>
186	BMW-E.13	a) S & F 12.7 mm brass stop cock Indian make heavy duty	Each	<b>216.00</b>
187	BMW-E.14	b) - do - labour charges only	Each	<b>26.00</b>
188	BMW-E.15	a) S & F 12.7 mm brass stop cock Indian make heavy duty	Each	<b>190.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
189	BMW-E.16	b) - do - labour charges only	Each	26.00
190	BMW-E.17	a) S & F 12.7 mm brass bib cock Indian make heavy duty	Each	216.00
191	BMW-E.18	b) - do - labour charges only	Each	26.00
192	BMW-E.19	a) S & F 12.7 mm brass bib cock Indian make heavy duty	Each	190.00
193	BMW-E.20	b) - do - labour charges only	Each	26.00
194	BMW-E.21	S & F CP Long body bib cock fancy type deluxe heavy duty 12.7 mm dia Indian make Seiko/ Senior/ Nice or equivalent	Each	595.00
195	BMW-E.22	S & F CP Short body bib cock fancy type deluxe heavy duty 12.7 mm dia Indian make Seiko/ Senior/ Nice or equivalent	Each	570.00
196	BMW-E.23	S & F 12.7mm heavy duty dia high neck pillar cock 1st quality Indian make Seiko/ Senior/ Nice or equivalent	Each	1,088.00
197	BMW-E.24	a) S & F 12.7 mm heavy duty NP Swan Neck Pillar cock Seiko/ Senior/ Nice or equivalent	Each	1,088.00
198	BMW-E.25	b) - do - labour charges only	Each	45.00
199	BMW-E.26	a) S & F 12.7 mm heavy duty NP Sink cock Seiko/ Senior/ Nice or equivalent	Each	1,088.00
200	BMW-E.27	b) - do - labour charges only	Each	32.00
201	BMW-E.28	S&F 12.7 mm dia NP pillar cock heavy duty 1st quality Indian make Seiko/ Senior/ Nice or equivalent	Each	570.00
202	BMW-E.29	S&F 12.7 mm dia NP push cock 1st quality	Each	253.00
203	BMW-E.30	S&F 12.7 mm dia NP lift cock 1st quality	Each	221.00
204	BMW-E.31	a)S & F 38.1 mm C.P waste coupling Half or Full Thread 1st Quality Indian make Parryware or equivalent	Each	221.00
205	BMW-E.32	b) - do - labour charges only	Each	26.00
206	BMW-E.33	a) S & F 31.75 mm PVC bottle trap	Each	133.00
207	BMW-E.34	b) - do - labour charges only	Each	26.00
208	BMW-E.35	a) S& F 38.1 mm brass plumber union	Each	64.00
209	BMW-E.36	b) - do - labour charges only	Each	13.00
210	BMW-E.37	a)S & F 19.05 mm heavy duty NP stop cock Indian make with ISI mark Seiko/ Senior/ Nice or equivalent	Each	570.00
211	BMW-E.38	b) - do - labour charges only	Each	26.00
F		<b>G.I. PIPES &amp; FITTINGS</b>		
212	BMW-F.01	S& F GI union 12.7 mm 1st Quality	Each	38.00
213	BMW-F.02	S& F GI union 19.05 mm 1st Quality	Each	46.00
214	BMW-F.03	S& F GI union 25.4 mm 1st Quality	Each	70.00
215	BMW-F.04	S& F GI union 31.75 mm 1st Quality	Each	87.00
216	BMW-F.05	S& F GI union 38.1 mm 1st Quality	Each	104.00
217	BMW-F.06	S& F GI union 50.8 mm 1st Quality	Each	128.00
218	BMW-F.07	S& F GI connector 25.4 mm dia	Each	77.00
219	BMW-F.08	S& F 12.7 mm GI 'T' A class 1st quality	Each	47.00
220	BMW-F.09	S& F 31.75 mm dia GI bend 1st quality	Each	70.00
221	BMW-F.10	S & F 31.75 mm dia GI 'T' 1st Quality	Each	69.00
222	BMW-F.11	a) S & F 25.4 mm copper ball cock ith PVC ball Indian make ISI mark	Each	398.00
223	BMW-F.12	b) - do - labour charges only	Each	40.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
224	BMW-F.13	a) S & F 19.05 mm copper ball cock ith PVC ball Indian make ISI mark	Each	<b>326.00</b>
225	BMW-F.14	b) - do - labour charges only	Each	<b>37.00</b>
226	BMW-F.15	a)S & F 12.7 mm copper ball cock ith PVC ball Indian make ISI mark	Each	<b>211.00</b>
227	BMW-F.16	b) - do - labour charges only	Each	<b>40.00</b>
228	BMW-F.17	a) S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 25 mm NB Size	Each	<b>698.00</b>
229	BMW-F.18	b) - do - labour charges only	Each	<b>40.00</b>
230	BMW-F.19	a) S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 20 mm NB Size	Each	<b>474.00</b>
231	BMW-F.20	b) - do - labour charges only	Each	<b>40.00</b>
232	BMW-F.21	a) S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 15 mm NB Size	Each	<b>350.00</b>
233	BMW-F.22	b) - do - labour charges only	Each	<b>40.00</b>
234	BMW-F.23	a) S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 32 mm NB Size	Each	<b>1,044.00</b>
235	BMW-F.24	b) - do - labour charges only	Each	<b>40.00</b>
236	BMW-F.25	a) S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 40 mm NB Size	Each	<b>1,423.00</b>
237	BMW-F.26	b) - do - labour charges only	Each	<b>61.00</b>
238	BMW-F.27	a) S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 50 mm NB Size	Each	<b>2,055.00</b>
239	BMW-F.28	b) - do - labour charges only	Each	<b>82.00</b>
240	BMW-F.29	a) S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 65 mm NB Size	Each	<b>3,920.00</b>
241	BMW-F.30	b) - do - labour charges only	Each	<b>102.00</b>
242	BMW-F.31	a) S & F Gunmetal Gate (GM peet) valve as per IS - 778 Class - I, Indian make heavy type - 80 mm NB Size	Each	<b>5,548.00</b>
243	BMW-F.32	b) - do - labour charges only	Each	<b>121.00</b>
244	BMW-F.33	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 15 mm NB Size	Each	<b>307.00</b>
245	BMW-F.34	b) - do - labour charges only	Each	<b>51.00</b>
246	BMW-F.35	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 25 mm NB Size	Each	<b>655.00</b>
247	BMW-F.36	b) - do - labour charges only	Each	<b>61.00</b>
248	BMW-F.37	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 40 mm NB Size	Each	<b>1,438.00</b>
249	BMW-F.38	b) - do - labour charges only	Each	<b>102.00</b>
250	BMW-F.39	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 50 mm NB Size	Each	<b>2,066.00</b>
251	BMW-F.40	b) - do - labour charges only	Each	<b>102.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
252	BMW-F.41	a) Supplying & fixing Gunmetal (GM) Horizontal Check (Non return) Valve as per IS-778 I-class heavy duty - 20 mm NB Size	Each	<b>424.00</b>
253	BMW-F.42	b) - do - labour charges only	Each	<b>49.00</b>
254	BMW-F.43	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 15 mm NB Size	Each	<b>234.00</b>
255	BMW-F.44	b) - do - labour charges only	Each	<b>49.00</b>
256	BMW-F.45	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 20 mm NB Size	Each	<b>313.00</b>
257	BMW-F.46	b) - do - labour charges only	Each	<b>49.00</b>
258	BMW-F.47	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 25 mm NB Size	Each	<b>413.00</b>
259	BMW-F.48	b) - do - labour charges only	Each	<b>49.00</b>
260	BMW-F.49	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 32 mm NB Size	Each	<b>617.00</b>
261	BMW-F.50	b) - do - labour charges only	Each	<b>49.00</b>
262	BMW-F.51	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 40 mm NB Size	Each	<b>929.00</b>
263	BMW-F.52	b) - do - labour charges only	Each	<b>49.00</b>
264	BMW-F.53	a) Supplying & fixing Gunmetal (GM) Vertical Check (Non return) Valve as per IS-778 I-class heavy duty - 50 mm NB Size	Each	<b>1,344.00</b>
265	BMW-F.54	b) - do - labour charges only	Each	<b>49.00</b>
266	BMW-F.55	a) S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 15 mm NB Size	Each	<b>363.00</b>
267	BMW-F.56	b) - do - labour charges only	Each	<b>49.00</b>
268	BMW-F.57	a) S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 20 mm NB Size	Each	<b>474.00</b>
269	BMW-F.58	b) - do - labour charges only	Each	<b>49.00</b>
270	BMW-F.59	a) S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 25 mm NB Size	Each	<b>696.00</b>
271	BMW-F.60	b) - do - labour charges only	Each	<b>49.00</b>
272	BMW-F.61	a) S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 32 mm NB Size	Each	<b>1,263.00</b>
273	BMW-F.62	b) - do - labour charges only	Each	<b>49.00</b>
274	BMW-F.63	a) S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 40 mm NB Size	Each	<b>1,896.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
275	BMW-F.64	b) - do - labour charges only	Each	49.00
276	BMW-F.65	a) S & F Gunmetal (GM) Ball valve with SS Ball and SS Spindle as per IS - Class - I, Indian make heavy type - 50 mm NB Size	Each	3,317.00
277	BMW-F.66	b) - do - labour charges only	Each	49.00
278	BMW-F.67	a) S& F 15 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	156.00
279	BMW-F.68	b) - do - labour charges only	1 RM	37.00
280	BMW-F.69	a) S& F 20 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	179.00
281	BMW-F.70	b) - do - labour charges only	1 RM	37.00
282	BMW-F.71	a) S& F 25 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	235.00
283	BMW-F.72	b) - do - labour charges only	1 RM	37.00
284	BMW-F.73	a) S& F 32 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	327.00
285	BMW-F.74	b) - do - labour charges only	1 RM	37.00
286	BMW-F.75	a) S& F 40 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	370.00
287	BMW-F.76	b) - do - labour charges only	1 RM	40.00
288	BMW-F.77	a) S& F 50 mm Nominal Bore GI pipe Light Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	403.00
289	BMW-F.78	b) - do - labour charges only	1 RM	61.00
290	BMW-F.79	a) S& F 15 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	173.00
291	BMW-F.80	b) - do - labour charges only	1 RM	37.00
292	BMW-F.81	a) S& F 20 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	192.00
293	BMW-F.82	b) - do - labour charges only	1 RM	37.00

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1	2	3	4	5
294	BMW-F.83	a) S& F 25 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	<b>252.00</b>
295	BMW-F.84	b) - do - labour charges only	1 RM	<b>37.00</b>
296	BMW-F.85	a) S& F 32 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	<b>354.00</b>
297	BMW-F.86	b) - do - labour charges only	1 RM	<b>37.00</b>
298	BMW-F.87	a) S& F 40 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	<b>396.00</b>
299	BMW-F.88	b) - do - labour charges only	1 RM	<b>40.00</b>
300	BMW-F.89	a) S& F 50 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 ISI mark with GI fittings including the cost of pipe & its fittings & labour charges complete	1 RM	<b>427.00</b>
301	BMW-F.90	b) - do - labour charges only	1 RM	<b>61.00</b>
302	BMW-F.91	S & F 65 mm Nominal Bore GI pipe Medium Grade properties & weight as per IS 1239 with GI fittings such as elbows tees couplings, nipples, plugs including excavation for trenches and refilling the trenches complete except for GI bends union and GI connectors with checkout and socket Tata or Zenith make or equivalent.	1 RM	<b>757.00</b>
303	BMW-F.92	a)S & F 12.7 mm holder bat clamps	Each	<b>11.00</b>
304	BMW-F.93	b) - do - labour charges only	Each	<b>7.00</b>
305	BMW-F.94	a)S & F 19.05 mm holder bat clamps	Each	<b>18.00</b>
306	BMW-F.95	b) - do - labour charges only	Each	<b>7.00</b>
307	BMW-F.96	a)S & F 25.4 mm holder bat clamps	Each	<b>23.00</b>
308	BMW-F.97	b) - do - labour charges only	Each	<b>7.00</b>
309	BMW-F.98	a)S & F 38.1 mm holder bat clamps	Each	<b>27.00</b>
310	BMW-F.99	b) - do - labour charges only	Each	<b>8.00</b>
311	BMW-F.100	a) S & F 12.7 x 152.0 mm NP shower rose heavy	Each	<b>174.00</b>
312	BMW-F.101	b) - do - labour charges only	Each	<b>18.00</b>
313	BMW-F.102	a) S & F 12.7 x 137.0 mm NP shower rose heavy	Each	<b>167.00</b>
314	BMW-F.103	b) - do - labour charges only	Each	<b>20.00</b>
315	BMW-F.104	a) S & F 12.7 x 101.6 mm NP shower rose heavy	Each	<b>159.00</b>
316	BMW-F.105	b) - do - labour charges only	Each	<b>20.00</b>
317	BMW-F.106	a) S & F 12.7 x 88.9 CP fancy shower	Each	<b>283.00</b>
318	BMW-F.107	b) - do - labour charges only	Each	<b>20.00</b>
319	BMW-F.108	a) Supplying & fixing 12.7 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	<b>40.00</b>
320	BMW-F.109	b) - do - labour charges only	Each	<b>20.00</b>

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1	2	3	4	5
321	BMW-F.110	a) Supplying & fixing 19.05 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	<b>58.00</b>
322	BMW-F.111	b) - do - labour charges only	Each	<b>19.00</b>
323	BMW-F.112	a) Supplying & fixing 25.4 mm GI drain pipe with plug for tanks (Mud valve) including making a hole	Each	<b>69.00</b>
324	BMW-F.113	b) - do - labour charges only	Each	<b>22.00</b>
325	BMW-F.114	a) Taking branch water connection from the existing 25.4 mm GI pipe including cutting threading, etc, complete with fitting	Each	<b>134.00</b>
326	BMW-F.115	b) - do - labour charges only	Each	<b>37.00</b>
327	BMW-F.116	a) Taking branch water connection from the existing 19.05 mm GI pipe including cutting threading, etc, complete with fitting,	Each	<b>77.00</b>
328	BMW-F.117	b) - do - labour charges only	Each	<b>33.00</b>
329	BMW-F.118	a) Taking branch water connection from the existing 12.7 mm GI pipe including cutting threading, etc, complete with fitting,	Each	<b>58.00</b>
330	BMW-F.119	b) - do - labour charges only	Each	<b>28.00</b>
331	BMW-F.120	Supplying & fixing leather washers for 12.7 mm bib tap and stop cock	Each	<b>1.00</b>
332	BMW-F.121	Supplying & fixing leather washers for 19.05 mm bib tap and stop cock	Each	<b>3.00</b>
333	BMW-F.122	Supplying & Fixing 12.7 mm fibre washers	Each	<b>3.00</b>
334	BMW-F.123	Supplying & Fixing 19.05 mm fibre washers	Each	<b>3.00</b>
G		<b>PVC PIPES &amp; FITTINGS</b>		
335	BMW-G.01	a) Providing & Placing on Terrace (at all floor levels) polyethylene water storage tank with Double layer approved brand & manufacture with cover and suitable locking arrangement & making necessary holes for inlet & outlets and over flow pipes but without fittings & base support for tanks	1 Lit	<b>6.00</b>
336	BMW-G.02	b) - do - labour charges only	1 Lit	<b>1.00</b>
337	BMW-G.03	Supply of Plastic storage tank lid with hinges	Each	<b>76.00</b>
338	BMW-G.04	Supply & Fixing 76.2 mm dia PVC elbow 1st quality	Each	<b>47.00</b>
339	BMW-G.05	Supply & fixing 31.75 mm dia PVC flexible waste pipe of 914.4 mm length of 1st quality	Each	<b>26.00</b>
340	BMW-G.06	Supply & Fixing 38.1 mm dia PVC solid waste pipe outlet	Each	<b>89.00</b>
341	BMW-G.07	Supply & fixing Fancy PVC shelf including all fittings	Each	<b>212.00</b>
342	BMW-G.08	Supply & fixing of PVC low level system parry ware, slim line with internal components & short bend: <b>10 Litres capacity Single Flush</b>	Each	<b>1,455.00</b>
343	BMW-G.09	Supply & fixing of PVC low level system parry ware, slim line with internal components & short bend: <b>10 litres capacity Dual Flush</b>	Each	<b>1,708.00</b>

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1	2	3	4	5
344	BMW-G.10	Supply & fixing of PVC low level system parry ware, slim line with internal components & short bend: <b>8 Litres capacity single Flush</b>	Each	<b>823.00</b>
345	BMW-G.11	75 mm dia 3 M Single Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>255.00</b>
346	BMW-G.12	90 mm dia 3 M single Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>405.00</b>
347	BMW-G.13	110 mm dia 3 M Single Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>484.00</b>
348	BMW-G.14	75 mm dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>288.00</b>
349	BMW-G.15	90 mm dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>459.00</b>
350	BMW-G.16	110 mm dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>562.00</b>
351	BMW-G.17	75 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>179.00</b>
352	BMW-G.18	90 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>277.00</b>
353	BMW-G.19	110 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>344.00</b>
354	BMW-G.20	75 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>191.00</b>
355	BMW-G.21	90 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>294.00</b>
356	BMW-G.22	110 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>356.00</b>
357	BMW-G.23	75 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>132.00</b>
358	BMW-G.24	90 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>202.00</b>
359	BMW-G.25	110 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>243.00</b>

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1	2	3	4	5
360	BMW-G.26	75 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	111.00
361	BMW-G.27	90 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	163.00
362	BMW-G.28	110 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	210.00
363	BMW-G.29	75 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	67.00
364	BMW-G.30	90 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	112.00
365	BMW-G.31	110 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	140.00
366	BMW-G.32	160 MM dia 3 M Double Socket PVC/SWR pipe - 4 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	1,153.00
367	BMW-G.33	75 mm dia 3 M Single Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	432.00
368	BMW-G.34	90 mm dia 3 M single Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	696.00
369	BMW-G.35	110 mm dia 3 M Single Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	828.00
370	BMW-G.36	75 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	473.00
371	BMW-G.37	90 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	750.00
372	BMW-G.38	110 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	914.00
373	BMW-G.39	75 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	284.00
374	BMW-G.40	90 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	441.00
375	BMW-G.41	110 mm dia 1828.8 mm (6'-0") Single Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	525.00

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1	2	3	4	5
376	BMW-G.42	75 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>303.00</b>
377	BMW-G.43	90 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>459.00</b>
378	BMW-G.44	110 mm dia 1828.8 mm (6'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>567.00</b>
379	BMW-G.45	75 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>205.00</b>
380	BMW-G.46	90 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>318.00</b>
381	BMW-G.47	110 mm dia 1219. mm (4'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>387.00</b>
382	BMW-G.48	75 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>177.00</b>
383	BMW-G.49	90 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>260.00</b>
384	BMW-G.50	110 mm dia 914.4mm (3'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>314.00</b>
385	BMW-G.51	75 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>114.00</b>
386	BMW-G.52	90 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>178.00</b>
387	BMW-G.53	110 mm dia 609.6mm (2'-0") Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>227.00</b>
388	BMW-G.54	160 mm dia 3 M Double Socket PVC/SWR pipe - 6 Kg/sq.cm - Prince/Sudhakar/Kisan/Supreme or any ISI Brand	Each	<b>1,885.00</b>
389	BMW-G.55	75 mm dia - Plain Bend 87.5 Degree - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>50.00</b>
390	BMW-G.56	90 mm dia - Plain Bend 87.5 Degree - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>70.00</b>

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1	2	3	4	5
391	BMW-G.57	110 mm dia - Plain Bend 87.5 Degree - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	83.00
392	BMW-G.58	75 mm dia - Door Bend 87.5 Degree - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	67.00
393	BMW-G.59	90 mm dia - Door Bend 87.5 Degree - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	95.00
394	BMW-G.60	110 mm dia - Door Bend 87.5 Degree - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	107.00
395	BMW-G.61	75 mm dia - 45 Degree Bend - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	39.00
396	BMW-G.62	90 mm dia - 45 Degree Bend - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	54.00
397	BMW-G.63	110 mm dia - 45 Degree Bend - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	70.00
398	BMW-G.64	75 mm dia - Cleaning Pipe - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	67.00
399	BMW-G.65	90 mm dia - Cleaning Pipe - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	98.00
400	BMW-G.66	110 mm dia - Cleaning Pipe - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	118.00
401	BMW-G.67	75 mm dia - Single Tee - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	59.00
402	BMW-G.68	90 mm dia - Single Tee - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	89.00
403	BMW-G.69	110 mm dia - Single Tee - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	108.00
404	BMW-G.70	75 mm dia - Single Tee with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	73.00
405	BMW-G.71	90 mm dia - Single Tee with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	108.00
406	BMW-G.72	110 mm dia - Single Tee with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	130.00
407	BMW-G.73	75 mm dia - Double Tee - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	125.00
408	BMW-G.74	90 mm dia - Double Tee - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	183.00

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1	2	3	4	5
409	BMW-G.75	110 mm dia - Double Tee - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	260.00
410	BMW-G.76	75 mm dia - Double Tee with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	200.00
411	BMW-G.77	90 mm dia - Double Tee with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	286.00
412	BMW-G.78	110 mm dia - Double Tee with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	295.00
413	BMW-G.79	75 mm dia - Single 'Y' - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	74.00
414	BMW-G.80	90 mm dia - Single 'Y' - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	118.00
415	BMW-G.81	110 mm dia - Single 'Y' - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	136.00
416	BMW-G.82	75 mm dia - Single 'Y' with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	95.00
417	BMW-G.83	90 mm dia - Single 'Y' with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	149.00
418	BMW-G.84	110 mm dia - Single 'Y' with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	171.00
419	BMW-G.85	75 mm dia - Double 'Y' - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	102.00
420	BMW-G.86	90 mm dia - Double 'Y' - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	158.00
421	BMW-G.87	110 mm dia - Double 'Y' - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	179.00
422	BMW-G.88	75 mm dia - Double 'Y' with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	132.00
423	BMW-G.89	90 mm dia - Double 'Y' with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	206.00
424	BMW-G.90	110 mm dia - Double 'Y' with Door - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	231.00
425	BMW-G.91	75 mm dia - Coupler - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	35.00
426	BMW-G.92	90 mm dia - Coupler - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	51.00
427	BMW-G.93	110 mm dia - Coupler - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	57.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
428	BMW-G.94	90 x 75 mm dia - Reducer - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	59.00
429	BMW-G.95	110 x 75 mm dia - Reducer - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	57.00
430	BMW-G.96	90 x 110 mm dia - Reducer - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	79.00
431	BMW-G.97	63 mm dia - Vent Cowl - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	9.00
432	BMW-G.98	75 mm dia - Vent Cowl - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	14.00
433	BMW-G.99	90 mm dia - Vent Cowl - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	17.00
434	BMW-G.100	110 mm dia - Vent Cowl - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	19.00
435	BMW-G.101	40 mm dia - Pipe Clip - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand) - Pipe Clip - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	11.00
436	BMW-G.102	50 mm dia - Pipe Clip - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	14.00
437	BMW-G.103	63 mm dia - Pipe Clip - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	14.00
438	BMW-G.104	75 mm dia - Pipe Clip - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	15.00
439	BMW-G.105	90 mm dia - Pipe Clip - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	17.00
440	BMW-G.106	110 mm - Pipe Clip - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	18.00
441	BMW-G.107	160 mm dia - Pipe Clip - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	35.00
442	BMW-G.108	P' Trap ( Small without Air vent ) 110 mm - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	188.00
443	BMW-G.109	P' Trap ( Small with Air vent ) 110 mm - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	208.00
444	BMW-G.110	P' Trap (Big with Air vent ) 110 mm - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	238.00
445	BMW-G.111	P' Trap ( Big without Air vent ) 110 mm - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	219.00
446	BMW-G.112	Floor Trap (Bell Mouth ) 110 mm - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	227.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
447	BMW-G.113	Bell Mouth Trap 7 " ( 177.8 mm) - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>330.00</b>
448	BMW-G.114	4" (101.6 mm ) Nahany Trap ( Without Jali with inlet)UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>112.00</b>
449	BMW-G.115	3" (76.2 mm ) Nahany Trap ( without Jali without inlet)UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>87.00</b>
450	BMW-G.116	4" (101.6 mm ) Nahany Trap ( without inlet with out Jali)UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>108.00</b>
451	BMW-G.117	Mini Trap - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>53.00</b>
452	BMW-G.118	3" (76.2 mm ) Nahany Trap with Jali - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>102.00</b>
453	BMW-G.119	4" (101.6 mm ) multi floor trap with Jali- UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>144.00</b>
454	BMW-G.120	4" (101.6) multi floor trap with out Jalli- UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>112.00</b>
455	BMW-G.121	Round Jali - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>24.00</b>
456	BMW-G.122	Square tile & Jalli - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>39.00</b>
457	BMW-G.123	Pipe connector ( with LIP ring) - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>151.00</b>
458	BMW-G.124	Pipe connector ( with out LIP ring) - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>117.00</b>
459	BMW-G.125	4" (101.6 mm ) Floor Trap - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>138.00</b>
460	BMW-G.126	5" (127.mm ) floor Trap - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>146.00</b>
461	BMW-G.127	75 mm dia - Door cap - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>57.00</b>
462	BMW-G.128	90 mm dia - Door cap - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>64.00</b>
463	BMW-G.129	110 mm dia - Door cap - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>74.00</b>
464	BMW-G.130	75 mm dia - Socket plug - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>53.00</b>
465	BMW-G.131	90 mm dia - Socket plug - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	<b>61.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
466	BMW-G.132	110 mm dia - Socket plug - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	64.00
467	BMW-G.133	75 mm dia - Rubber ring for Socket - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	8.00
468	BMW-G.134	90 mm dia - Rubber ring for Socket - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	9.00
469	BMW-G.135	110 mm dia - Rubber ring for Socket - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	11.00
470	BMW-G.136	75 mm dia - Door Socket - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	9.00
471	BMW-G.137	90 mm dia - Door Socket - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	11.00
472	BMW-G.138	110 mm dia - Door Socket - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	14.00
473	BMW-G.139	LIP ring 110 mm - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	69.00
474	BMW-G.140	Rubber Lubricant - 100 Grams	Each	29.00
475	BMW-G.141	Rubber Lubricant - 250 Grams	Each	65.00
476	BMW-G.142	Rubber Lubricant - 500 Grams	Each	118.00
477	BMW-G.143	Rubber Lubricant - 1000 Grams	Each	219.00
478	BMW-G.144	P' Trap with lip UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	298.00
479	BMW-G.145	50 ml - Solvent Cement	Each	15.00
480	BMW-G.146	100 ml - Solvent Cement	Each	25.00
481	BMW-G.147	250 ml - Solvent Cement	Each	59.00
482	BMW-G.148	500 ml - Solvent Cement	Each	116.00
483	BMW-G.149	1000 ml - Solvent Cement	Each	227.00
484	BMW-G.150	110mm x 90 mm - Internal Reducer - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	90.00
485	BMW-G.151	160 mm x 110 mm - Internal Reducer - UPVC/SWR Pipe fittings (Prince/Sudhakar/Kisan/Supreme or any ISI Brand)	Each	224.00
486	BMW-G.152	Labour charges for laying, fixing and commissioning the PVC pipes including couplers/ bends/ tees etc any diameter including fixing necessary fittings like bends, plugs, couplers, junctions, tees, etc with solvent jointing as per standard practice	1 RM	65.00
H		<b>CENTRIFUGAL CAST IRON PIPES &amp; FITTINGS AS PER IS: 3989 - 1984</b>		
487	BMW-H.01	75 mm dia CI (spun) soils Waste & Ventilating pipe (3 M)	Each	1,296.00
488	BMW-H.02	100 mm dia CI (spun) soils Waste & Ventilating pipe (3 M)	Each	1,726.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
489	BMW-H.03	150 mm dia CI (spun) soils Waste & Ventilating pipe (3 M)	Each	<b>3,164.00</b>
490	BMW-H.04	75 mm dia CI (spun) soils Waste & Ventilating pipe (3 M) Double socket	Each	<b>1,439.00</b>
491	BMW-H.05	100 mm dia CI (spun) soils Waste & Ventilating pipe (3 M) Double socket	Each	<b>1,942.00</b>
492	BMW-H.06	75 mm dia 9'-0" (2743.2 mm) CI (Spun) pipes	Each	<b>1,166.00</b>
493	BMW-H.07	100 mm dia 9'-0" (2743.2 mm) CI (Spun) pipes	Each	<b>1,557.00</b>
494	BMW-H.08	75 mm dia 8'-0" (2438.4 mm) CI (Spun) pipes	Each	<b>1,043.00</b>
495	BMW-H.09	100 mm dia 8'-0" (2438.4 mm) CI (Spun) pipes	Each	<b>1,386.00</b>
496	BMW-H.10	75 mm dia 6'-0" (1828.8 mm) CI (Spun) pipes	Each	<b>849.00</b>
497	BMW-H.11	100 mm dia 6'-0" (1828.8 mm) CI (Spun) pipes	Each	<b>1,107.00</b>
498	BMW-H.12	75 mm dia 6'-0" (1828.8 mm) Double Socket CI (Spun) pipes	Each	<b>892.00</b>
499	BMW-H.13	100 mm dia 6'-0" (1828.8 mm) Double Socket CI (Spun) pipes	Each	<b>1,107.00</b>
500	BMW-H.14	75 mm dia Cut pipes (pieces) 1 foot (304.8 mm) CI (Spun) fittings	Each	<b>309.00</b>
501	BMW-H.15	100 mm dia Cut pipes (pieces) 1 foot (304.8 mm) CI (Spun) fittings	Each	<b>355.00</b>
502	BMW-H.16	75 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	<b>443.00</b>
503	BMW-H.17	100 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	<b>509.00</b>
504	BMW-H.18	150 mm dia Cut pipes (pieces) 1'.6" (457.2 mm) CI (Spun) fittings	Each	<b>972.00</b>
505	BMW-H.19	75 mm dia Cut pipes (pieces) 2 feet (609.6 mm) CI (Spun) fittings	Each	<b>611.00</b>
506	BMW-H.20	100 mm dia Cut pipes (pieces) 2 feet (609.6 mm) CI (Spun) fittings	Each	<b>675.00</b>
507	BMW-H.21	150 mm dia Cut pipes (pieces) 2 feet (609.6 mm) CI (Spun) fittings	Each	<b>1,218.00</b>
508	BMW-H.22	75 mm dia Cut pipes (pieces) 3 feet (914.4 mm) CI (Spun) fittings	Each	<b>937.00</b>
509	BMW-H.23	100 mm dia Cut pipes (pieces) 3 feet (914.4 mm) CI (Spun) fittings	Each	<b>1,264.00</b>
510	BMW-H.24	75 mm dia Cut pipes (pieces) 4 feet (1219.2 mm) CI (Spun) fittings	Each	<b>1,031.00</b>
511	BMW-H.25	100 mm dia Cut pipes (pieces) 4 feet (1219.2 mm) CI (Spun) fittings	Each	<b>1,543.00</b>
512	BMW-H.26	75 mm dia Plain Bend - CI (Spun) fittings	Each	<b>318.00</b>
513	BMW-H.27	100 mm dia Plain Bend - CI (Spun) fittings	Each	<b>374.00</b>
514	BMW-H.28	150 mm dia Plain Bend - CI (Spun) fittings	Each	<b>893.00</b>
515	BMW-H.29	75 mm dia Door Bend - CI (Spun) fittings	Each	<b>329.00</b>
516	BMW-H.30	100 mm dia Door Bend - CI (Spun) fittings	Each	<b>427.00</b>
517	BMW-H.31	150 mm dia Door Bend - CI (Spun) fittings	Each	<b>977.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
518	BMW-H.32	75 mm dia Plain Bend 45 Degrees - CI (Spun) fittings	Each	318.00
519	BMW-H.33	100 mm dia Plain Bend 45 Degrees - CI (Spun) fittings	Each	374.00
520	BMW-H.34	150 mm dia Plain Bend 45 Degrees - CI (Spun) fittings	Each	893.00
521	BMW-H.35	75 mm dia Door Bend 45 Degrees - CI (Spun) fittings	Each	329.00
522	BMW-H.36	100 mm dia Door Bend 45 Degrees - CI (Spun) fittings	Each	427.00
523	BMW-H.37	150 mm dia Door Bend 45 Degrees - CI (Spun) fittings	Each	977.00
524	BMW-H.38	Horn Bend Plain 101.6 x 50.8 mm (4" x 2") 100 mm dia - CI (Spun) fittings	Each	648.00
525	BMW-H.39	Horn Bend door 101.6 x 50.8 mm (4" x 2") 100 mm dia - CI (Spun) fittings	Each	756.00
526	BMW-H.40	75 mm dia Heel Rest Bend - CI (Spun) fittings	Each	339.00
527	BMW-H.41	100 mm dia Heel Rest Bend - CI (Spun) fittings	Each	433.00
528	BMW-H.42	150 mm dia Heel Rest Bend - CI (Spun) fittings	Each	920.00
529	BMW-H.43	75 mm dia Single Branch Plain "T" - CI (Spun) fittings	Each	427.00
530	BMW-H.44	100 mm dia Single Branch Plain "T" - CI (Spun) fittings	Each	576.00
531	BMW-H.45	150 mm dia Single Branch Plain "T" - CI (Spun) fittings	Each	1,188.00
532	BMW-H.46	75 mm dia Single Branch Door "T" - CI (Spun) fittings	Each	503.00
533	BMW-H.47	100 mm dia Single Branch Door "T" - CI (Spun) fittings	Each	668.00
534	BMW-H.48	150 mm dia Single Branch Door "T" - CI (Spun) fittings	Each	1,255.00
535	BMW-H.49	75 mm dia Single Branch plain "Y" - CI (Spun) fittings	Each	503.00
536	BMW-H.50	100 mm dia Single Branch plain "Y" - CI (Spun) fittings	Each	668.00
537	BMW-H.51	150 mm dia Single Branch plain "Y" - CI (Spun) fittings	Each	1,473.00
538	BMW-H.52	75 mm dia Single Branch Door "Y" - CI (Spun) fittings	Each	551.00
539	BMW-H.53	100 mm dia Single Branch Door "Y" - CI (Spun) fittings	Each	737.00
540	BMW-H.54	150 mm dia Single Branch Door "Y" - CI (Spun) fittings	Each	1,587.00
541	BMW-H.55	75 mm dia Double Branch Plain "T" - CI (Spun) fittings	Each	583.00
542	BMW-H.56	100 mm dia Double Branch Plain "T" - CI (Spun) fittings	Each	785.00
543	BMW-H.57	75 mm dia Double Branch Door "T" - CI (Spun) fittings	Each	650.00
544	BMW-H.58	100 mm dia Double Branch Door "T" - CI (Spun) fittings	Each	818.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
545	BMW-H.59	75 mm dia Double Branch Plain "Y" - CI (Spun) fittings	Each	650.00
546	BMW-H.60	100 mm dia Double Branch Plain "Y" - CI (Spun) fittings	Each	818.00
547	BMW-H.61	75 mm dia Double Branch Door "Y" - CI (Spun) fittings	Each	685.00
548	BMW-H.62	100 mm dia Double Branch Door "Y" - CI (Spun) fittings	Each	888.00
549	BMW-H.63	75 mm dia Shoe Bend - CI (Spun) fittings	Each	402.00
550	BMW-H.64	100 mm dia Shoe Bend - CI (Spun) fittings	Each	470.00
551	BMW-H.65	150 mm dia Shoe Bend - CI (Spun) fittings	Each	955.00
552	BMW-H.66	75 mm dia Collar - CI (Spun) fittings	Each	275.00
553	BMW-H.67	100 mm dia Collar - CI (Spun) fittings	Each	334.00
554	BMW-H.68	150 mm dia Collar - CI (Spun) fittings	Each	685.00
555	BMW-H.69	75 mm dia Cowl - CI (Spun) fittings	Each	243.00
556	BMW-H.70	100 mm dia Cowl - CI (Spun) fittings	Each	275.00
557	BMW-H.71	150 mm dia Cowl - CI (Spun) fittings	Each	617.00
558	BMW-H.72	75 mm dia Offset 3" (76.2 mm ) projection - CI (Spun) fittings	Each	352.00
559	BMW-H.73	100 mm dia Offset 3" (76.2 mm ) projection - CI (Spun) fittings	Each	427.00
560	BMW-H.74	150 mm dia Offset 3" (76.2 mm ) projection - CI (Spun) fittings	Each	862.00
561	BMW-H.75	75 mm dia Offset 6" (152.4mm ) projection - CI (Spun) fittings	Each	385.00
562	BMW-H.76	100 mm dia Offset 6" (152.4mm ) projection - CI (Spun) fittings	Each	503.00
563	BMW-H.77	150 mm dia Offset 6" (152.4mm ) projection - CI (Spun) fittings	Each	1,003.00
564	BMW-H.78	75 mm dia Long Door Bend - CI (Spun) fittings	Each	809.00
565	BMW-H.79	100 mm dia Long Door Bend - CI (Spun) fittings	Each	870.00
566	BMW-H.80	75 mm dia Hand Hole pipe ( Inspection pipe)	Each	465.00
567	BMW-H.81	100 mm dia Hand Hole pipe ( Inspection pipe)	Each	633.00
568	BMW-H.82	150 mm dia Hand Hole pipe ( Inspection pipe)	Each	843.00
569	BMW-H.83	75 mm dia P Traps - CI (Spun) fittings	Each	503.00
570	BMW-H.84	100 mm dia P Traps - CI (Spun) fittings	Each	690.00
571	BMW-H.85	4" x 3" (101.6 mm x 76.2mm ) P. Traps 100 mm dia - CI (Spun) fittings	Each	791.00
572	BMW-H.86	4" x 3" (101.6 mm x 76.2mm ) Vent Traps 100 mm dia - CI (Spun) fittings	Each	791.00
573	BMW-H.87	4" x 3" (101.6 mm x 76.2mm ) Reducer 75 mm dia - CI (Spun) fittings	Each	491.00
574	BMW-H.88	6" x 4" (152.4 mm x101.6 mm ) Reducer 75 mm dia - CI (Spun) fittings	Each	672.00
575	BMW-H.89	3" x 2" ( 76.2 mm x 50.8 mm ) plain T 75 mm dia - CI (Spun) fittings	Each	420.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
576	BMW-H.90	3" x 2" ( 76.2 mm x 50.8 mm ) Door T 75 mm dia - CI (Spun) fittings	Each	655.00
577	BMW-H.91	3" x 2" ( 76.2 mm x 50.8 mm ) Plain Y 75 mm dia - CI (Spun) fittings	Each	655.00
578	BMW-H.92	3" x 2" ( 76.2 mm x 50.8 mm ) Door Y 75 mm dia - CI (Spun) fittings	Each	655.00
579	BMW-H.93	4" x 3" (101.6 mm x 76.2mm ) Plain T 75 mm dia - CI (Spun) fittings	Each	655.00
580	BMW-H.94	4" x 3" (101.6 mm x 76.2mm ) Door T 75 mm dia - CI (Spun) fittings	Each	694.00
581	BMW-H.95	4" x 3" (101.6 mm x 76.2mm ) Plain Y 75 mm dia - CI (Spun) fittings	Each	694.00
582	BMW-H.96	4" x 3" (101.6 mm x 76.2mm ) Door Y 75 mm dia - CI (Spun) fittings	Each	741.00
583	BMW-H.97	6" x 4" (152.4 mm x101.6 mm ) Plain T 75 mm dia - CI (Spun) fittings	Each	970.00
584	BMW-H.98	6" x 4" (152.4 mm x101.6 mm ) Door T 75 mm dia - CI (Spun) fittings	Each	1,051.00
585	BMW-H.99	6" x 4" (152.4 mm x101.6 mm ) Plain Y 75 mm dia - CI (Spun) fittings	Each	1,111.00
586	BMW-H.100	6" x 4" (152.4 mm x101.6 mm ) Door Y 75 mm dia - CI (Spun) fittings	Each	1,359.00
587	BMW-H.101	75 mm dia Plain " T" 27 " (685.8 mm ) Special Types of Long Fittings	Each	1,408.00
588	BMW-H.102	100 mm dia - Plain " T" 27 " (685.8 mm ) Special Types of Long CI (Spun) fittings	Each	1,977.00
589	BMW-H.103	75 mm dia Door "T" 27" (685.8 mm ) Special Types of Long CI (Spun) fittings	Each	1,572.00
590	BMW-H.104	100mm dia Door "T" 27" (685.8 mm ) Special Types of Long CI (Spun) fittings	Each	2,173.00
591	BMW-H.105	75 mm dia Plain " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	1,572.00
592	BMW-H.106	100mm dia Plain " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	2,173.00
593	BMW-H.107	75 mm dia Door " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	1,753.00
594	BMW-H.108	100mm dia Door " Y" 27" (685.8 mm) Special Types of Long CI (Spun) fittings	Each	2,385.00
I		<b>MISCELLANEOUS ITEMS</b>		
595	BMW-I.01	a) Supplying & Fixing solder joints up to 50.8 mm dia	Each	57.00
596	BMW-I.02	b) - do - labour charges only	Each	18.00
597	BMW-I.03	a) Supplying & Fixing solution joints up to 50.8 dia 1st quality.	Each	11.00
598	BMW-I.04	b) - do - labour charges only	Each	2.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
599	BMW-I.05	Chiselling the stone masonry wall for fixing of wooden blocks including finishing as directed by the department	Each	26.00
600	BMW-I.06	Chiselling the stone masonry wall and repairs as directed by the department.	1 Rm	124.00
601	BMW-I.07	Chiselling the brick masonry wall and repairs as directed by the department.	1 Rm	26.00
602	BMW-I.08	a) S & F NP telephonic shower spray set & valve mixer with rest and all fittings complete (ARK/ESSCO or equivalent make)	Each	2,023.00
603	BMW-I.09	b) - do - labour charges only	Each	366.00
604	BMW-I.10	a) S & F NP shower spray fancy with NP Flexible pipe	Each	538.00
605	BMW-I.11	b) - do - labour charges only	Each	121.00
606	BMW-I.12	a) S & F NP cover for Nahany trap	Each	29.00
607	BMW-I.13	b) - do - labour charges only	Each	17.00
608	BMW-I.14	a) Painting the flushing tank with white enamel paint	Each	98.00
609	BMW-I.15	b) - do - labour charges only	Each	58.00
610	BMW-I.16	S & F internal fittings for flush tank Parryplast wonder flush or equivalent	Each	613.00
611	BMW-I.17	Repairing and over hauling flushing tank	Each	81.00
612	BMW-I.18	a) Supplying & Fixing NP chain rubber and plug for basin	Each	39.00
613	BMW-I.19	b) - do - labour charges only	Each	7.00
614	BMW-I.20	a) S & F 25.4 mm dia & 609.6 mm long aluminium anodized towel rod with brackets and aluminium screws	Each	153.00
615	BMW-I.21	b) - do - labour charges only	Each	40.00
616	BMW-I.22	a) S & F 19.04 mm dia & 609.6 mm long aluminium anodized towel rod with brackets and aluminium screws	Each	133.00
617	BMW-I.23	b) - do - labour charges only	Each	61.00
618	BMW-I.24	a) S & F 609.6 mm long 127 mm wide plate glass shelf with superior quality aluminium railing complete with aluminium screws	Each	195.00
619	BMW-I.25	b) - do - labour charges only	Each	51.00
620	BMW-I.26	a) S & F 609.6 mm long 127 mm wide plate glass shelf only	Each	64.00
621	BMW-I.27	b) - do - labour charges only	Each	10.00
622	BMW-I.28	a) S & F NP soap dish heavy type with NP SCREWS	Each	227.00
623	BMW-I.29	b) - do - labour charges only	Each	11.00
624	BMW-I.30	a) S & F NP holder brackets with screws	Each	45.00
625	BMW-I.31	b) - do - labour charges only	Each	13.00
626	BMW-I.32	a) S & F liquid soap container NP metallic with NP brackets and screws.	Each	227.00
627	BMW-I.33	b) - do - labour charges only	Each	20.00
628	BMW-I.34	a) S & F 31.75 mm C.P TRAPS	Each	293.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
629	BMW-I.35	b) - do - labour charges only	Each	40.00
630	BMW-I.36	a) Supplying & fixing 88.9 mm A.C cowls	Each	66.00
631	BMW-I.37	b) - do - labour charges only	Each	13.00
632	BMW-I.38	a) Supplying & fixing A.C Cowl 63.5 mm dia	Each	45.00
633	BMW-I.39	b) - do - labour charges only	Each	10.00
634	BMW-I.40	Removing and refixing W.C s	Each	213.00
635	BMW-I.41	Removing and refixing wash hand basins of any size with fittings complete	Each	191.00
636	BMW-I.42	a) S & F 76.2 x 101.6 mm teak wood block complete	Each	24.00
637	BMW-I.43	b) - do - labour charges only	Each	8.00
638	BMW-I.44	Cutting holes in C.C; basement & repairs Labour charges only	Each	91.00
639	BMW-I.45	Cutting holes in stone masonry & basement and repairs Labour charges only	Each	61.00
640	BMW-I.46	Cutting holes in Brick masonry & repairs Labour charges only	Each	40.00
641	BMW-I.47	Cutting holes in RCC slab floor & repairs Labour charges only	Each	61.00
642	BMW-I.48	a) Supplying & Fixing 12.7 mm PVC connection with brass union nut C.P coated	Each	95.00
643	BMW-I.49	b) - do - labour charges only	Each	18.00
644	BMW-I.50	a) S & F 12.7 mm .M.P couplings	Each	33.00
645	BMW-I.51	b) - do - labour charges only	Each	10.00
646	BMW-I.52	a) S & F 19.05 mm M.P couplings	Each	39.00
647	BMW-I.53	b) - do - labour charges only	Each	10.00
648	BMW-I.54	a) S& F MP coupling 25.4 mm dia	Each	89.00
649	BMW-I.55	a) S & F PVC Rubber adopter for LLC and bend	Each	18.00
650	BMW-I.56	b) - do - labour charges only	Each	7.00
651	BMW-I.57	a) S& F 31.75 mm Brass union nuts	Each	33.00
652	BMW-I.58	b) - do - labour charges only	Each	7.00
653	BMW-I.59	a) S& F 38.1 mm Brass union nuts	Each	35.00
654	BMW-I.60	b) - do - labour charges only	Each	8.00
655	BMW-I.61	a) Constructing Brick masonry chamber over the gully trap or peet valve and fitted with 304.8 x 228.6 m size CI frame and hinged cover.	Each	425.00
656	BMW-I.62	b) - do - labour charges only	Each	91.00
657	BMW-I.63	a) Constructing Brick masonry support for G.I pipe with C.M 304.8 x 228.6 x228.6 mm size including plastering and finishing etc. complete.	Each	68.00
658	BMW-I.64	b) - do - labour charges only	Each	20.00
659	BMW-I.65	a) Supplying & fixing 304.8 x 228.6 mm CI frame & cover over gully taps	Each	111.00
660	BMW-I.66	b) - do - labour charges only	Each	32.00
661	BMW-I.67	a) Supplying & fixing CI Nahany trap grating	Each	18.00
662	BMW-I.68	b) - do - labour charges only	Each	10.00
663	BMW-I.69	a) Supplying & fixing CI gully trap grating	Each	45.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
664	BMW-I.70	b) - do - labour charges only	Each	10.00
665	BMW-I.71	a) Supplying & fixing valves for brass ball cocks 25.4 mm dia	Each	18.00
666	BMW-I.72	b) - do - labour charges only	Each	8.00
667	BMW-I.73	a) Supplying & fixing 12.7 m valve for bib tap or stop cocks	Each	17.00
668	BMW-I.74	b) - do - labour charges only	Each	6.00
669	BMW-I.75	a) Supplying & fixing 19.05 m valve for bib tap or stop cocks	Each	36.00
670	BMW-I.76	b) - do - labour charges only	Each	10.00
671	BMW-I.77	Removing 12.7 mm GI pipe and refixing the same	Mr.	57.00
672	BMW-I.78	Removing 19.05 mm GI pipe and refixing the same	Mr.	64.00
673	BMW-I.79	Removing 25.4 mm GI pipe and refixing the same	Mr.	95.00
674	BMW-I.80	Removing 38.1 mm GI pipe and refixing the same	Rm	120.00
675	BMW-I.81	Removing 50.8 mm GI pipe and refixing the same	Rm	140.00
676	BMW-I.82	Cleaning the W.C with acid and Vim powder	Each	39.00
677	BMW-I.83	Cleaning the Urinal with acid and Vim power	Each	39.00
678	BMW-I.84	Cleaning the wash basin with acid and Vim powder	Each	39.00
679	BMW-I.85	Cleaning the E.W.C with acid and Vim power	Each	39.00
680	BMW-I.86	Supplying & fixing 914.4 x 457.2 mm CI man hole frame and cover (light weight) 30 Kgs	Each	1,810.00
681	BMW-I.87	Supplying & fixing 602 x 602 mm CI man hole frame and cover (light weight) 30 Kgs	Each	2,695.00
682	BMW-I.88	b) - do - labour charges only	Each	128.00
683	BMW-I.89	a) Supplying & fixing CI steps for septic tank.	Each	58.00
684	BMW-I.90	b) - do - labour charges only	Each	10.00
685	BMW-I.91	a) Supplying & fixing 50.8 cm dia C.I. Man hole frame & cover for 914.4 mm dia chamber (20 Kgs - Light weight)	Each	1,164.00
686	BMW-I.92	b) - do - labour charges only	Each	128.00
687	BMW-I.93	a) Supplying & fixing 50.8 cm dia C.I. Man hole frame & cover for 914.4 mm dia chamber (Medium weight) as per IS:1726 - 40 Kgs	Each	2,404.00
688	BMW-I.94	b) - do - labour charges only	Each	325.00
689	BMW-I.95	Cost. 50.8 mm thick RCM baffle wall with 2.267 Kg steel & rabbit wire mesh in CM 1:3 with fine rendering in neat cement labour charges Only	1 Sqm	234.00
690	BMW-I.96	a) Cost. 50.8 mm RCC partition wall	1 Sqm	255.00
691	BMW-I.97	b) - do - labour charges only	1 Sqm	40.00
692	BMW-I.98	a) S & F double layer of bamboo matting tarred on both sides.	10 Sqm	583.00
693	BMW-I.99	b) - do - labour charges only	10 Sqm	112.00
694	BMW-I.100	Removing of 101.6 m or 76.2 mm CI pipe	1 RM	34.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
695	BMW-I.101	a) Supplying & fixing 76.2 mm W.I clamps	Each	23.00
696	BMW-I.102	b) - do - labour charges only	Each	8.00
697	BMW-I.103	a) Supplying & fixing NP coat hook	Each	44.00
698	BMW-I.104	b) - do - labour charges only	Each	10.00
699	BMW-I.105	a) Supplying and fixing TV shape mirror with plastic frame size 609.6 mm x 457.2 mm	Each	479.00
700	BMW-I.106	b) - do - labour charges only	Each	106.00
701	BMW-I.107	a) Supplying & fixing GI pipe plug of size 12.7 mm dia	Each	9.00
702	BMW-I.108	b) - do - labour charges only	Each	1.00
703	BMW-I.109	a) Supplying & fixing 19.06 mm dia GI plug	Each	13.00
704	BMW-I.110	b) - do - labour charges only	Each	1.00
705	BMW-I.111	a) Supplying and fixing 38.1 mm dia of GI plug	Each	67.00
706	BMW-I.112	b) - do - labour charges only	Each	8.00
707	BMW-I.113	a) Supplying & fixing 50.8 mm dia of GI PLUG	Each	103.00
708	BMW-I.114	b) - do - labour charges only	Each	10.00
709	BMW-I.115	a) Supplying & fixing 76.2 mm dia of GI PLUG	Each	187.00
710	BMW-I.116	b) - do - labour charges only	Each	17.00
711	BMW-I.117	a) Supplying & fixing C.P flange.	Each	24.00
712	BMW-I.118	b) - do - labour charges only	Each	7.00
713	BMW-I.119	a) Supplying & fixing stainless steel sink size 36" x 18" (914.4x457.2mm) 1 mm thick with accessories	Each	6,409.00
714	BMW-I.120	b) - do - labour charges only	Each	461.00
715	BMW-I.121	a) Supplying & fixing SINGLE BOWL stainless steel sink size 24"x18"x8 " (609.6 x 457.2 x 203.2mm) 1 mm thick with accessories	Each	5,053.00
716	BMW-I.122	b) - do - labour charges only	Each	448.00
717	BMW-I.123	a) Supplying & fixing stainless steel sink size 20" x18" x 8 " (508x457.2x203.2mm) 1 mm thick with accessories	Each	4,579.00
718	BMW-I.124	b) - do - labour charges only	Each	409.00
719	BMW-I.125	Supplying & fixing 4 " x 24 " (101.6x609.6mm) white glazed porcelain channel fixed in brick masonry white cement pointing.	Each	462.00
720	BMW-I.126	Supply & Fixing of steel surgical long elbow action handle 12.7 mm dia bib cock Indian make heavy type including all materials	Each	924.00
721	BMW-I.127	Supply & fixing 2 1/2" (63.5mm) dia Sluice valve ISI mark with 2 Nos. flanges, 8 nos, 3/4" dia nuts & bolts and all necessary washers and packing materials etc. complete	Each	5,060.00
722	BMW-I.128	Supply & fixing porcelain P' trap	Each	218.00
723	BMW-I.129	Supplying & fixing oval shape basin white (520x410mm) parry or equivalent	Each	2,316.00
724	BMW-I.130	Supply & fixing RCC cover 22" dia with nominal reinforcement 3 " thick and hooks for lifting	Each	658.00

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1	2	3	4	5
725	BMW-I.131	Supply & fixing cp spl. Grating with frame and cover of 1 <sup>st</sup> quality	Each	59.00
726	BMW-I.132	Supply & fixing towel rod (CP) of 24" long and 3/4 " dia	Each	370.00
727	BMW-I.133	Supply & fixing of LLC handle set 1st quality	Each	74.00
728	BMW-I.134	Mechanical Cleaning of water sumps with pumps & UV disinfecting	1000 Lit	51.00
729	BMW-I.135	Supply & fixing 4" dia CP thimble pipe: <b>150 mm long</b>	Each	386.00
730	BMW-I.136	Supply & fixing 4" dia CP thimble pipe: <b>220 mm long</b>	Each	576.00
731	BMW-I.137	Supply & fixing 4" dia CP thimble pipe: <b>300 mm long</b>	Each	769.00
732	BMW-I.138	Supply & fixing CP long bend	Each	326.00
733	BMW-I.139	Supply & fixing CP short bend	Each	163.00
734	BMW-I.140	Supplying & fixing 15 mm bib tap with flange Chromeum plated Jaquar make queen series/ Jupiter Aqua Lines-JALor equivalent series	Each	1,607.00
735	BMW-I.141	Supply & fixing bib cock cum health faucet with 1 m long flexible tube and wall hook of Jaquar make queen series with 7 years warranty Chrome plated / Jupiter Aqua Lines-JALor equivalent series	Each	4,071.00
736	BMW-I.142	Supply & fixing bib cock cum health faucet with 1 m long flexible tube and wall hook of Jaquar make queen series with 7 years warranty: Ivory gold/ Jupiter Aqua Lines-JALor equivalent series	Each	6,845.00
737	BMW-I.143	Supply & fixing pillar cock Jaquar make Queen series with 7 years warranty: Chrome plated / Jupiter Aqua Lines-JALor equivalent series	Each	1,686.00
738	BMW-I.144	Supply & fixing pillar cock Jaquar make Queen series with 7 years warranty: Ivory gold / Jupiter Aqua Lines-JALor equivalent series	Each	2,879.00
739	BMW-I.145	Supply & fixing Angular stop cocks with wall flange Jaquar make Queen series with 7 years warranty: Chrome plated/ Jupiter Aqua Lines-JALor equivalent series	Each	1,665.00
740	BMW-I.146	Supply & fixing Angular stop cocks with wall flange Jaquar make Queen series with 7 years warranty: Ivory gold / Jupiter Aqua Lines-JALor equivalent series	Each	3,224.00
741	BMW-I.147	Supply & fixing Waste coupling Jaquar make with 7 years warranty: Chrome plated / Jupiter Aqua Lines-JALor equivalent series	Each	354.00
742	BMW-I.148	Supply & fixing of Bottle trap Jaquar make with 7 years warranty: Chrome plated / Jupiter Aqua Lines-JALor equivalent series	Each	1,591.00
743	BMW-I.149	Supply & fixing of Bottle trap Jaquar make with 7 years warranty: Ivory gold / Jupiter Aqua Lines-JALor equivalent series	Each	2,691.00

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1	2	3	4	5
744	BMW-I.150	Supply & Fixing copper pipe 450 mm long with nuts & washers Jaquar make with 7 years warranty: Chrome plated / Jupiter Aqua Lines-JALor equivalent series	Each	<b>391.00</b>
745	BMW-I.151	Supply & Fixing copper pipe 450 mm long with nuts & washers Jaquar make with 7 years warranty: Ivory gold / Jupiter Aqua Lines-JALor equivalent series	Each	<b>757.00</b>
746	BMW-I.152	Supply and fixing wall mirror with provision for over head shower and 115 mm long bend pipe with wall flange Jaquar make queen series with 7 years warranty: Chrome plated / Jupiter Aqua Lines-JALor equivalent series	Each	<b>5,143.00</b>
747	BMW-I.153	Supply and fixing wall mirror with provision for over head shower and 115 mm long bend pipe with wall flange Jaquar make queen series with 7 years warranty: Ivory gold / Jupiter Aqua Lines-JALor equivalent series	Each	<b>8,091.00</b>
748	BMW-I.154	Supply & fixing overhead shower rose with revolving joint and 150 mm long swivel shower arm Jaquar make queen series. with 7 years warranty: Chrome plated / Jupiter Aqua Lines-JALor equivalent series	Each	<b>2,386.00</b>
749	BMW-I.155	Supply & fixing overhead shower rose with revolving joint and 150 mm long swivel shower arm Jaquar make queen series. with 7 years warranty: Ivory Gold / Jupiter Aqua Lines-JALor equivalent series	Each	<b>3,496.00</b>
750	BMW-I.156	Supply and Fixing Wall Mixer with Telephonic shower arrangement with crutch and flexible pipe Jaquar series Ivory gold colour for bath tub. with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>13,631.00</b>
751	BMW-I.157	Supply & fixing Bath tub overflow set complete with over flow cap, 450 mm Ball chain with rubber plug & union bend with brass nut Jaquar make, Ivory gold colour. with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,660.00</b>
752	BMW-I.158	Supply & fixing sink cock with regular swinging spout with wall flange chromeplated Jaquar make Queen series with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>2,384.00</b>
753	BMW-I.159	Supply & fixing soap dish Jaquar make queen series: with 7 years warranty: Chrome plated / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,565.00</b>
754	BMW-I.160	Supply & fixing soap dish Jaquar make queen series: with 7 years warranty: Ivory Gold / Jupiter Aqua Lines-JALor equivalent series	Each	<b>2,297.00</b>
755	BMW-I.161	Supply & fixing of toilet paper holder Jaquar make Queen series. with 7 years warranty: Chrome plated / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,260.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
756	BMW-I.162	Supply & fixing of toilet paper holder Jaquar make Queen series. with 7 years warranty: Ivory Gold / Jupiter Aqua Lines-JALor equivalent series	Each	<b>2,219.00</b>
757	BMW-I.163	Supply & Fixing of Towel ring Jaquar make Queen series with 7 years warranty: Chrome plated / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,185.00</b>
758	BMW-I.164	Supply & Fixing of Towel ring Jaquar make Queen series with 7 years warranty: Ivory Gold / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,935.00</b>
759	BMW-I.165	Supply & Fixing of towel coat hook Jaquar make Queen series with 7 years warranty: Chrome plated / Jupiter Aqua Lines-JALor equivalent series	Each	<b>881.00</b>
760	BMW-I.166	Supply & Fixing of towel coat hook Jaquar make Queen series with 7 years warranty: Ivory Gold / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,824.00</b>
761	BMW-I.167	Supply & Fixing of Towel rod 24 " Jaquar make Queen series Ivory gold colour with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>3,025.00</b>
762	BMW-I.168	Supply & Fixing of Tumbler holder Jaquar make Queen series, Ivory gold colour with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>2,120.00</b>
763	BMW-I.169	Supply & fixing of Glass shelf 22" Jaquar make Queen series, Ivory gold colour with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>4,134.00</b>
764	BMW-I.170	Supply & Fixing of Bibcock cum Health Faucet with 1m long tube and wall hook of Jaquar Continental series, Chrome Finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>3,000.00</b>
765	BMW-I.171	Supply & Fixing of Bibcock Jaquar Continental series, Chrome Finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>881.00</b>
766	BMW-I.172	Supply & Fixing of Pillar cock Jaquar Continental series, Chrome Finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,095.00</b>
767	BMW-I.173	Supply & Fixing of Angular stopcock with wall flange Jaquar Continental series, Chrome finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>815.00</b>
768	BMW-I.174	Supply fixing of Waste coupling Jaquar make, Chrome finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>354.00</b>
769	BMW-I.175	Supply & Fixing of Bottle Trap Jaquar make, Chrome finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,591.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
770	BMW-I.176	Supply & Fixing of copper pipe 450mm long with nuts & washers Jaquar make, Chrome Finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>354.00</b>
771	BMW-I.177	Supply & Fixing of Wall Mixer with provision for overhead shower and 115mm long bend pipe with wall flange Jaquar make Continental series, Chrome finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>3,852.00</b>
772	BMW-I.178	Supply & Fixing of Exclusive overhead shower with 190mm long light body shower arm Jaquar make Continental series, Chrome finish with 7 years warranty/ Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,645.00</b>
773	BMW-I.179	Supply & Fixing wall mixer with telephonic shower arrangement with crutch and telephone shower with flexible tube Jaquar make Continental series Chrome colour for bath tub with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>5,379.00</b>
774	BMW-I.180	Supply & Fixing bath tub over flow set complete with over flow cap,450mm ball chain with rubber plug 7 Union bend with brass nuts Jaquar make, Chrome colour with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,256.00</b>
775	BMW-I.181	Supply & Fixing Sink cock with regular swinging spout with flange chrome plated Jaquar make Continental series with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,550.00</b>
776	BMW-I.182	Supply & Fixing soap dish Jaquar make Continental series, Chrome Finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,221.00</b>
777	BMW-I.183	Supply & Fixing of Toilet paper holder Jaquar make Continental series, Chrome finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>815.00</b>
778	BMW-I.184	Supply & Fixing of Towel Ring Jaquar make Continental series, Chrome finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>937.00</b>
779	BMW-I.185	Supply & Fixing Double coat hook Jaquar make Continental series, Chrome finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>700.00</b>
780	BMW-I.186	Supply & Fixing of towel rail 24" Jaquar make Continental series, Chrome finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,513.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
781	BMW-I.187	Supply & Fixing of Tumbler holder Jaquar make Continental series, Chrome finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,020.00</b>
782	BMW-I.188	Supply & Fixing of Glass shelf 22" Jaquar make Continental series, Chrome finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>2,006.00</b>
783	BMW-I.189	Supply & Fixing of Bibcock cum Health Faucet with 1m long tube and wall hook of Jaquar Florentine(Quarter turn) series, Chrome Finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>3,589.00</b>
784	BMW-I.190	Supply & Fixing of Bibcock Jaquar Florentine (Quarter turn)series, Chrome Finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,210.00</b>
785	BMW-I.191	Supply & Fixing of Pillar cock Jaquar Florentine(Quarter turn) series, Chrome Finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,210.00</b>
786	BMW-I.192	Supply & Fixing of Angular stopcock with wall flange Jaquar Florentine( Quarter turn)series, Chrome finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,190.00</b>
787	BMW-I.193	Supply & Fixing of Bottle Trap Jaquar make, Chrome finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,591.00</b>
788	BMW-I.194	Supply & Fixing of Wall Mixer with provision for overhead shower and 115mm long bend pipe with wall flange Jaquar make Florentine(Quarter turn) series, Chrome finish with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>4,648.00</b>
789	BMW-I.195	Supply & Fixing wall mixer with telephonic shower arrangement with crutch and telephone shower with flexible tube Jaquar make Florentine(Quarter turn) series Chrome colour for bath tub with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>7,005.00</b>
790	BMW-I.196	Supply & Fixing Sink cock with regular swinging spout with flange chrome plated Jaquar make Florentine(Quarter turn) series with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,857.00</b>
791	BMW-I.197	Supply & Fixing of Rose shower with revolving ball joint & 115mm long shower arm with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>1,973.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
792	BMW-I.198	Supply & Fixing of Jaquar make chrome plated Metro pole flush valve concealed type with cover plate 40mm size with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>3,454.00</b>
793	BMW-I.199	Supply & Fixing of Jaquar make Sensotronic sensor faucet for wash basin, Chrome plated with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>13,567.00</b>
794	BMW-I.200	Supply & fixing of Jaquar make Sensotronic concealed type flushing valve for urinal complete set with installation box with control cock, Chrome plated with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>13,567.00</b>
795	BMW-I.201	Supply & fixing of Jaquar make Auto closing system pillar cock for wash basin, Chrome plated with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>2,248.00</b>
796	BMW-I.202	Supply& Fixing of Jaquar make Auto Closing system Bibcock, Chrome plated with 7 years warranty / Jupiter Aqua Lines-JALor equivalent series	Each	<b>2,358.00</b>
797	BMW-I.203	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc : <b>16 mm OD pipe</b>	1 RM	<b>147.00</b>
798	BMW-I.204	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc : <b>20 mm OD pipe</b>	1 RM	<b>182.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
799	BMW-I.205	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc : <b>25mm OD pipe</b>	1 RM	<b>228.00</b>
800	BMW-I.206	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc : <b>32 mm OD pipe</b>	1 RM	<b>306.00</b>
801	BMW-I.207	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc : <b>40 mm OD pipe</b>	1 RM	<b>402.00</b>
802	BMW-I.208	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete for external works including laying pipes, fixing in position, testing and commissioning etc : <b>50 mm OD pipe</b>	1 RM	<b>512.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
803	BMW-I.209	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc <b>16 mm OD pipe</b>	1 RM	<b>212.00</b>
804	BMW-I.210	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc <b>20 mm OD pipe</b>	1 RM	<b>254.00</b>
805	BMW-I.211	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc <b>25mm OD pipe</b>	1 RM	<b>314.00</b>
806	BMW-I.212	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc <b>32 mm OD pipe</b>	1 RM	<b>414.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
807	BMW-I.213	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc <b>40 mm OD pipe</b>	1 RM	<b>537.00</b>
808	BMW-I.214	S&F KITEC Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete with MS Iron clamps at 1.0 M spacing including cutting, chasing walls, making good, laying pipes, fixing in position, testing and commissioning etc <b>50 mm OD pipe</b>	1 RM	<b>678.00</b>
809	BMW-I.215	S&F Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc <b>16 mm OD pipe</b>	1 RM	<b>173.00</b>
810	BMW-I.216	S&F Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc <b>20 mm OD pipe</b>	1 RM	<b>205.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
811	BMW-I.217	S&F Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc <b>25mm OD pipe</b>	1 RM	<b>249.00</b>
812	BMW-I.218	S&F Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc <b>32 mm OD pipe</b>	1 RM	<b>322.00</b>
813	BMW-I.219	S&F Polyethylene-Aluminium-Polyethylene (PE-AL-PE) composite pressure pipes conforming to IS-15450-2004 with UV stabilized, carbon black for hot & cold water supply, capable to withstand pressure up to 80 C including all special composite fittings, plastic & brass blend inserts for elbows, tees, reducers, couplers, connectors etc complete including excavating trenches up to 1.0 M deep laying pipes, fixing in position, testing, refilling excavated earth and commissioning etc <b>40 mm OD pipe</b>	1 RM	<b>413.00</b>
		Supply and Fixing of Ashirvad/ Ajay/ Astral Flowguard or equivalent CPVC Pipes and Fittings to meet the requirement of ASTM-D 2846 and are produced in CTS (Copper Tube Sizes 1/2" ton 2" Ashirvad Flowgurard SDR 11 and SDR 13.5 pipes are made from identical CPVC compounds having the same physical Properties for Hot and Cold Water (IS 15778:2007)		
814	BMW-I.220	15.90mm OD Pipe - SDR 13.5	1 RM	<b>132.00</b>
815	BMW-I.221	22.20mm OD Pipe - SDR 13.5	1 RM	<b>149.00</b>
816	BMW-I.222	28.60mm OD Pipe - SDR 13.5	1 RM	<b>198.00</b>
817	BMW-I.223	34.90mm OD Pipe - SDR 13.5	1 RM	<b>270.00</b>
818	BMW-I.224	41.30mm OD Pipe - SDR 13.5	1 RM	<b>336.00</b>
819	BMW-I.225	54.00mm OD Pipe - SDR 13.5	1 RM	<b>490.00</b>
820	BMW-I.226	15.90mm OD Pipe - SDR 11	1 RM	<b>146.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
821	BMW-I.227	22.20mm OD Pipe - SDR 11	1 RM	<b>176.00</b>
822	BMW-I.228	28.60mm OD Pipe - SDR 11	1 RM	<b>212.00</b>
823	BMW-I.229	34.90mm OD Pipe - SDR 11	1 RM	<b>289.00</b>
824	BMW-I.230	41.30mm OD Pipe - SDR 11	1 RM	<b>358.00</b>
825	BMW-I.231	54.00mm OD Pipe - SDR 11	1 RM	<b>523.00</b>
826	BMW-I.232	Supply of 20mm x 1.9mm PN 10/PPR pipe conforming to DIN Standards 8077/8078	1 RM	<b>45.00</b>
827	BMW-I.233	Supply of 25mm x 2.3mm PN 10/PPR pipe conforming to DIN Standards 8077/8078	1 RM	<b>68.00</b>
828	BMW-I.234	Supply of 32mm x 2.9mm PN 10/PPR pipe conforming to DIN Standards 8077/8079	1 RM	<b>107.00</b>
829	BMW-I.235	Supply of 40mm x 3.7mm PN 10/PPR pipe conforming to DIN Standards 8077/8079	1 RM	<b>168.00</b>
830	BMW-I.236	Supply of 50mm x 4.6mm PN 10/PPR pipe conforming to DIN Standards 8077/8080	1 RM	<b>300.00</b>
831	BMW-I.237	Supply of 63mm x 5.8mm PN 10/PPR pipe conforming to DIN Standards 8077/8081	1 RM	<b>471.00</b>
832	BMW-I.238	Supply of 75mm x 6.8mm PN 10/PPR pipe conforming to DIN Standards 8077/8082	1 RM	<b>655.00</b>
833	BMW-I.239	Supply of 90mm x 8.2mm PN 10/PPR pipe conforming to DIN Standards 8077/8083	1 RM	<b>899.00</b>
834	BMW-I.240	Supply of 110mm x 10mm PN 10/PPR pipe conforming to DIN Standards 8077/8084	1 RM	<b>1,332.00</b>
835	BMW-I.241	Supply of 20mm x 2.8mm PN 16/PPR pipe conforming to DIN Standards 8077/8078	1 RM	<b>62.00</b>
836	BMW-I.242	Supply of 25mm x 3.5mm PN 16/PPR pipe conforming to DIN Standards 8077/8078	1 RM	<b>95.00</b>
837	BMW-I.243	Supply of 32mm x 4.4mm PN 16/PPR pipe conforming to DIN Standards 8077/8079	1 RM	<b>152.00</b>
838	BMW-I.244	Supply of 40mm x 5.5mm PN 16/PPR pipe conforming to DIN Standards 8077/8079	1 RM	<b>234.00</b>
839	BMW-I.245	Supply of 50mm x 6.9mm PN 16/PPR pipe conforming to DIN Standards 8077/8080	1 RM	<b>419.00</b>
840	BMW-I.246	Supply of 63mm x 8.6mm PN 16/PPR pipe conforming to DIN Standards 8077/8081	1 RM	<b>660.00</b>
841	BMW-I.247	Supply of 75mm x 10.3mm PN 16/PPR pipe conforming to DIN Standards 8077/8082	1 RM	<b>933.00</b>
842	BMW-I.248	Supply of 90mm x 12.3mm PN 16/PPR pipe conforming to DIN Standards 8077/8083	1 RM	<b>1,330.00</b>
843	BMW-I.249	Supply of 110mm x 15.1mm PN 16/PPR pipe conforming to DIN Standards 8077/8084	1 RM	<b>1,992.00</b>
844	BMW-I.250	Supply of 20mm x 3.4mm PN 20/PPR pipe conforming to DIN Standards 8077/8078	1 RM	<b>72.00</b>
845	BMW-I.251	Supply of 25mm x 4.2mm PN 20/PPR pipe conforming to DIN Standards 8077/8078	1 RM	<b>110.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
846	BMW-I.252	Supply of 32mm x 5.4mm PN 20/PPR pipe conforming to DIN Standards 8077/8079	1 RM	<b>177.00</b>
847	BMW-I.253	Supply of 40mm x 6.7mm PN 20/PPR pipe conforming to DIN Standards 8077/8079	1 RM	<b>273.00</b>
848	BMW-I.254	Supply of 50mm x 8.3mm PN 20/PPR pipe conforming to DIN Standards 8077/8080	1 RM	<b>485.00</b>
849	BMW-I.255	Supply of 63mm x 10.5mm PN 20/PPR pipe conforming to DIN Standards 8077/8081	1 RM	<b>765.00</b>
850	BMW-I.256	Supply of 75mm x 12.5mm PN 20/PPR pipe conforming to DIN Standards 8077/8082	1 RM	<b>1,085.00</b>
851	BMW-I.257	Supply of 90mm x 15mm PN 20/PPR pipe conforming to DIN Standards 8077/8083	1 RM	<b>1,474.00</b>
852	BMW-I.258	Supply of 110mm x 18.3mm PN 20/PPR pipe conforming to DIN Standards 8077/8084	1 RM	<b>2,322.00</b>
853	BMW-I.259	Supply of 20mm PPR Socket conforming to DIN Standards 8077/8084	1 RM	<b>10.00</b>
854	BMW-I.260	Supply of 25mm PPR Socket conforming to DIN Standards 8077/8085	1 RM	<b>14.00</b>
855	BMW-I.261	Supply of 32mm PPR Socket conforming to DIN Standards 8077/8086	1 RM	<b>20.00</b>
856	BMW-I.262	Supply of 40mm PPR Socket conforming to DIN Standards 8077/8087	1 RM	<b>34.00</b>
857	BMW-I.263	Supply of 50mm PPR Socket conforming to DIN Standards 8077/8088	1 RM	<b>65.00</b>
858	BMW-I.264	Supply of 63mm PPR Socket conforming to DIN Standards 8077/8089	1 RM	<b>125.00</b>
859	BMW-I.265	Supply of 75mm PPR Socket conforming to DIN Standards 8077/8090	1 RM	<b>190.00</b>
860	BMW-I.266	Supply of 90mm PPR Socket conforming to DIN Standards 8077/8091	1 RM	<b>365.00</b>
861	BMW-I.267	Supply of 110mm PPR Socket conforming to DIN Standards 8077/8092	1 RM	<b>650.00</b>
862	BMW-I.268	Supply of 32mm PPR Core Flange conforming to DIN Standards 8077/8086	Each	<b>39.00</b>
863	BMW-I.269	Supply of 40mm PPR Core Flange conforming to DIN Standards 8077/8087	Each	<b>63.00</b>
864	BMW-I.270	Supply of 50mm PPR Core Flange conforming to DIN Standards 8077/8088	Each	<b>81.00</b>
865	BMW-I.271	Supply of 63mm PPR Core Flange conforming to DIN Standards 8077/8089	Each	<b>129.00</b>
866	BMW-I.272	Supply of 75mm PPR Core Flange conforming to DIN Standards 8077/8090	Each	<b>150.00</b>
867	BMW-I.273	Supply of 90mm PPR Core Flange conforming to DIN Standards 8077/8091	Each	<b>384.00</b>
868	BMW-I.274	Supply of 110mm PPR Core Flange conforming to DIN Standards 8077/8092	Each	<b>496.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
869	BMW-I.275	Supply of 20mm PPR Elbow conforming to DIN Standards 8077/8084	Each	17.00
870	BMW-I.276	Supply of 25mm PPR Elbow conforming to DIN Standards 8077/8085	Each	21.00
871	BMW-I.277	Supply of 32mm PPR Elbow conforming to DIN Standards 8077/8086	Each	40.00
872	BMW-I.278	Supply of 40mm PPR Elbow conforming to DIN Standards 8077/8087	Each	70.00
873	BMW-I.279	Supply of 50mm PPR Elbow conforming to DIN Standards 8077/8088	Each	131.00
874	BMW-I.280	Supply of 63mm PPR Elbow conforming to DIN Standards 8077/8089	Each	256.00
875	BMW-I.281	Supply of 75mm PPR Elbow conforming to DIN Standards 8077/8090	Each	414.00
876	BMW-I.282	Supply of 90mm PPR Elbow conforming to DIN Standards 8077/8091	Each	769.00
877	BMW-I.283	Supply of 110mm PPR Elbow conforming to DIN Standards 8077/8092	Each	1,428.00
878	BMW-I.284	Supply of 20mm PPR Tee conforming to DIN Standards 8077/8084	Each	15.00
879	BMW-I.285	Supply of 25mm PPR Tee conforming to DIN Standards 8077/8085	Each	26.00
880	BMW-I.286	Supply of 32mm PPR Tee conforming to DIN Standards 8077/8086	Each	48.00
881	BMW-I.287	Supply of 40mm PPR Tee conforming to DIN Standards 8077/8087	Each	84.00
882	BMW-I.288	Supply of 50mm PPR Tee conforming to DIN Standards 8077/8088	Each	149.00
883	BMW-I.289	Supply of 63mm PPR Tee conforming to DIN Standards 8077/8089	Each	303.00
884	BMW-I.290	Supply of 75mm PPR Tee conforming to DIN Standards 8077/8090	Each	594.00
885	BMW-I.291	Supply of 90mm PPR Tee conforming to DIN Standards 8077/8091	Each	861.00
886	BMW-I.292	Supply of 110mm PPR Tee conforming to DIN Standards 8077/8092	Each	1,492.00
887	BMW-I.293	Supply of 20mm PPR End Cap conforming to DIN Standards 8077/8084	Each	7.00
888	BMW-I.294	Supply of 25mm PPR End Cap conforming to DIN Standards 8077/8085	Each	10.00
889	BMW-I.295	Supply of 32mm PPR End Cap conforming to DIN Standards 8077/8086	Each	20.00
890	BMW-I.296	Supply of 40mm PPR End Cap conforming to DIN Standards 8077/8087	Each	34.00
891	BMW-I.297	Supply of 50mm PPR End Cap conforming to DIN Standards 8077/8088	Each	59.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
892	BMW-I.298	Supply of 63mm PPR End Cap conforming to DIN Standards 8077/8089	Each	125.00
893	BMW-I.299	Supply of 75mm PPR End Cap conforming to DIN Standards 8077/8090	Each	210.00
894	BMW-I.300	Supply of 90mm PPR End Cap conforming to DIN Standards 8077/8091	Each	334.00
895	BMW-I.301	Supply of 110mm PPR End Cap conforming to DIN Standards 8077/8092	Each	661.00
896	BMW-I.302	Supply of 25mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	12.00
897	BMW-I.303	Supply of 32mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	21.00
898	BMW-I.304	Supply of 32mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	20.00
899	BMW-I.305	Supply of 40mm x 32mm PPR Reducer conforming to DIN Standards 8077/8092	Each	35.00
900	BMW-I.306	Supply of 40mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	34.00
901	BMW-I.307	Supply of 40mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	33.00
902	BMW-I.308	Supply of 50mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	50.00
903	BMW-I.309	Supply of 50mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	51.00
904	BMW-I.310	Supply of 50mm x 32mm PPR Reducer conforming to DIN Standards 8077/8092	Each	52.00
905	BMW-I.311	Supply of 50mm x 40mm PPR Reducer conforming to DIN Standards 8077/8092	Each	53.00
906	BMW-I.312	Supply of 63mm x 20mm PPR Reducer conforming to DIN Standards 8077/8092	Each	116.00
907	BMW-I.313	Supply of 63mm x 25mm PPR Reducer conforming to DIN Standards 8077/8092	Each	116.00
908	BMW-I.314	Supply of 63mm x 32mm PPR Reducer conforming to DIN Standards 8077/8092	Each	117.00
909	BMW-I.315	Supply of 63mm x 40mm PPR Reducer conforming to DIN Standards 8077/8092	Each	118.00
910	BMW-I.316	Supply of 63mm x 50mm PPR Reducer conforming to DIN Standards 8077/8092	Each	119.00
911	BMW-I.317	Supply of 75mm x 40mm PPR Reducer conforming to DIN Standards 8077/8092	Each	172.00
912	BMW-I.318	Supply of 75mm x 50mm PPR Reducer conforming to DIN Standards 8077/8092	Each	173.00
913	BMW-I.319	Supply of 75mm x 63mm PPR Reducer conforming to DIN Standards 8077/8092	Each	219.00
914	BMW-I.320	Supply of 90mm x 63mm PPR Reducer conforming to DIN Standards 8077/8092	Each	419.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
915	BMW-I.321	Supply of 90mm x 75mm PPR Reducer conforming to DIN Standards 8077/8092	Each	444.00
916	BMW-I.322	Supply of 110mm x 63mm PPR Reducer conforming to DIN Standards 8077/8092	Each	560.00
917	BMW-I.323	Supply of 110mm x 75mm PPR Reducer conforming to DIN Standards 8077/8092	Each	652.00
918	BMW-I.324	Supply of 110mm x 90mm PPR Reducer conforming to DIN Standards 8077/8092	Each	703.00
919	BMW-I.325	Supply of 25mm x 20mm x 25mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	33.00
920	BMW-I.326	Supply of 32mm x 25mm x 32mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	57.00
921	BMW-I.327	Supply of 32mm x 20mm x 32mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	58.00
922	BMW-I.328	Supply of 40mm x 20mm x 40mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	94.00
923	BMW-I.329	Supply of 40mm x 25mm x 40mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	96.00
924	BMW-I.330	Supply of 40mm x 32mm x 40mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	98.00
925	BMW-I.331	Supply of 50mm x 20mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	136.00
926	BMW-I.332	Supply of 50mm x 25mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	138.00
927	BMW-I.333	Supply of 50mm x 32mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	142.00
928	BMW-I.334	Supply of 50mm x 40mm x 50mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	143.00
929	BMW-I.335	Supply of 63mm x 20mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	395.00
930	BMW-I.336	Supply of 63mm x 25mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	397.00
931	BMW-I.337	Supply of 63mm x 32mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	402.00
932	BMW-I.338	Supply of 63mm x 40mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	409.00
933	BMW-I.339	Supply of 63mm x 50mm x 63mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	415.00
934	BMW-I.340	Supply of 75mm x 50mm x 75mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	558.00
935	BMW-I.341	Supply of 75mm x 63mm x 75mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	567.00
936	BMW-I.342	Supply of 90mm x 50mm x 90mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	752.00
937	BMW-I.343	Supply of 90mm x 63mm x 90mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	798.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
938	BMW-I.344	Supply of 110mm x 75mm x 110mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	<b>1,362.00</b>
939	BMW-I.345	Supply of 110mm x 90mm x 110mm PPR Reducer Tee conforming to DIN Standards 8077/8092	Each	<b>1,416.00</b>
940	BMW-I.346	Supply of 20mm x ½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>105.00</b>
941	BMW-I.347	Supply of 25mm x ½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>107.00</b>
942	BMW-I.348	Supply of 25mm x ¾" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>188.00</b>
943	BMW-I.349	Supply of 32mm x ½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>191.00</b>
944	BMW-I.350	Supply of 32mm x ¾" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>198.00</b>
945	BMW-I.351	Supply of 32mm x 1" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>305.00</b>
946	BMW-I.352	Supply of 40mm x 1¼" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>452.00</b>
947	BMW-I.353	Supply of 50mm x 1½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>631.00</b>
948	BMW-I.354	Supply of 63mm x 2" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>839.00</b>
949	BMW-I.355	Supply of 75mm x 2½" PPR Female Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>1,618.00</b>
950	BMW-I.356	Supply of 20mm x ½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>162.00</b>
951	BMW-I.357	Supply of 25mm x ½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>168.00</b>
952	BMW-I.358	Supply of 25mm x ¾" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>245.00</b>
953	BMW-I.359	Supply of 32mm x ¾" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>256.00</b>
954	BMW-I.360	Supply of 32mm x 1" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>475.00</b>
955	BMW-I.361	Supply of 40mm x 1¼" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>557.00</b>
956	BMW-I.362	Supply of 50mm x 1½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>779.00</b>
957	BMW-I.363	Supply of 63mm x 2" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>1,198.00</b>
958	BMW-I.364	Supply of 75mm x 2½" PPR Male Threaded Adaptor conforming to DIN Standards 8077/8092	Each	<b>1,916.00</b>
959	BMW-I.365	Supply of 20mm x ½" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	<b>112.00</b>
960	BMW-I.366	Supply of 25mm x ½" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	<b>117.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
961	BMW-I.367	Supply of 25mm x ¾" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	180.00
962	BMW-I.368	Supply of 32mm x ½" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	173.00
963	BMW-I.369	Supply of 32mm x ¾" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	202.00
964	BMW-I.370	Supply of 32mm x 1" PPR Female Threaded Elbow conforming to DIN Standards 8077/8092	Each	338.00
965	BMW-I.371	Supply of 20mm x ½" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	168.00
966	BMW-I.372	Supply of 25mm x ½" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	184.00
967	BMW-I.373	Supply of 25mm x ¾" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	244.00
968	BMW-I.374	Supply of 32mm x ½" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	234.00
969	BMW-I.375	Supply of 32mm x 1" PPR Male Threaded Elbow conforming to DIN Standards 8077/8092	Each	505.00
970	BMW-I.376	Supply of 20mm x ½" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	108.00
971	BMW-I.377	Supply of 25mm x ½" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	119.00
972	BMW-I.378	Supply of 25mm x ¾" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	198.00
973	BMW-I.379	Supply of 32mm x ½" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	208.00
974	BMW-I.380	Supply of 32mm x ¾" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	234.00
975	BMW-I.381	Supply of 32mm x 1" PPR Female Threaded Tee conforming to DIN Standards 8077/8092	Each	329.00
976	BMW-I.382	Supply of 20mm x ½" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	169.00
977	BMW-I.383	Supply of 25mm x ½" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	180.00
978	BMW-I.384	Supply of 25mm x ¾" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	259.00
979	BMW-I.385	Supply of 32mm x ½" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	264.00
980	BMW-I.386	Supply of 32mm x ¾" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	279.00
981	BMW-I.387	Supply of 32mm x 1" PPR Male Threaded Tee conforming to DIN Standards 8077/8092	Each	515.00
982	BMW-I.388	Supply of 20mm x ½" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	435.00
983	BMW-I.389	Supply of 25mm x ¾" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	652.00

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
984	BMW-I.390	Supply of 32mm x 1" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	<b>870.00</b>
985	BMW-I.391	Supply of 40mm x 1¼" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	<b>1,219.00</b>
986	BMW-I.392	Supply of 50mm x 1½" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	<b>1,960.00</b>
987	BMW-I.393	Supply of 63mm x 2" PPR Female Threaded Union conforming to DIN Standards 8077/8092	Each	<b>3,113.00</b>
988	BMW-I.394	Supply of 20mm x ½" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	<b>499.00</b>
989	BMW-I.395	Supply of 25mm x ¾" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	<b>663.00</b>
990	BMW-I.396	Supply of 32mm x 1" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	<b>870.00</b>
991	BMW-I.397	Supply of 40mm x 1¼" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	<b>1,088.00</b>
992	BMW-I.398	Supply of 50mm x 1½" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	<b>2,068.00</b>
993	BMW-I.399	Supply of 63mm x 2" PPR Male Threaded Union conforming to DIN Standards 8077/8092	Each	<b>3,484.00</b>
994	BMW-I.400	Supply of 20mm PPR Union conforming to DIN Standards 8077/8092	Each	<b>95.00</b>
995	BMW-I.401	Supply of 25mm PPR Union conforming to DIN Standards 8077/8092	Each	<b>111.00</b>
996	BMW-I.402	Supply of 32mm PPR Union conforming to DIN Standards 8077/8092	Each	<b>183.00</b>
997	BMW-I.403	Supply of 20mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	<b>174.00</b>
998	BMW-I.404	Supply of 25mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	<b>229.00</b>
999	BMW-I.405	Supply of 32mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	<b>240.00</b>
1000	BMW-I.406	Supply of 40mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	<b>491.00</b>
1001	BMW-I.407	Supply of 50mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	<b>572.00</b>
1002	BMW-I.408	Supply of 63mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	<b>926.00</b>
1003	BMW-I.409	Supply of 75mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	<b>1,525.00</b>
1004	BMW-I.410	Supply of 90mm PPR Ball Valve conforming to DIN Standards 8077/8092	Each	<b>2,178.00</b>
1005	BMW-I.411	Supply of 20mm PPR Clamp conforming to DIN Standards 8077/8092	Each	<b>10.00</b>
1006	BMW-I.412	Supply of 25mm PPR Clamp conforming to DIN Standards 8077/8092	Each	<b>13.00</b>

Sl. No	Item Code	Description of item	Unit	SS RATE FOR 2013-14
1	2	3	4	5
1007	BMW-I.413	Supply of 32mm PPR Clamp conforming to DIN Standards 8077/8092	Each	15.00
1008	BMW-I.414	Supply of 40mm PPR Clamp conforming to DIN Standards 8077/8092	Each	17.00
1009	BMW-I.415	Labour charges for laying, joining, welding, fixing and commissioning the PPR pipes including all specials such as couplers/ bends/ tees etc including fixing necessary fittings like bends, plugs, couplers, junctions, tees, etc with welding the joint as per standard practice - up to 40 mm dia	1 RM	26.00
1010	BMW-I.416	Labour charges for laying, joining, welding, fixing and commissioning the PPR pipes including all specials such as couplers/ bends/ tees etc including fixing necessary fittings like bends, plugs, couplers, junctions, tees, etc with welding the joint as per standard practice - above 40 mm dia	1 RM	45.00
NOTE				
1	All the items to be used on work are of first quality & ISI and as approved by the Engineer In charge of the work.			
2	Rates given above are:			
	a) Rate for finished item of work			
	b) Labour charges only			
3	<b>RATES</b>			
	a) Supply Rates for all the materials are based on market rates plus Sales Tax/ Material VAT.			
	b) Works Contract VAT for General/ Composition Scheme on finished items may be allowed as applicable.			
4	<b>LABOUR</b> Labour charges are increased based on proposals and market rates			
5	<b>Coloured porcelain items:</b> 50% extra may be allowed on basic cost of white porcelain items excluding fittings			
6	<b>SSR Rates</b> for Sanitary & water supply items are purely for guidance for the officers for preparation of estimates vide Para 113 of APPWD code. Authority who prepares the estimate is however responsible for proper rates as envisaged in Para 45 of APPWD code.			
	<b>LEGEND</b>			
	"BMW" -X.XX	"BMW" for Water Supply & Sanitary items		
	XXX-"A".XX	"A" for Name of the Section		
	XXX-X."01"	"01" for Serial Number of the Item		

# ELECTRICAL ITEMS

## ELECTRICAL ITEMS

### PREAMBLE TO ELECTRICAL SOR 2013-2014

1. The area allowances in case of Corporation, Municipalities, Jail Compounds, Agency & Tribal areas and Industrial areas have to be followed as per prevailing Common SOR.
2. The Electrical contractor is solely responsible for both quality and quantity. Proposing specific make in the estimate from the SOR is within the scope of concerned field officers based on the necessity and availability of materials in such areas.
3. In case of 2way points i.e. stair case point etc where two way switch control is necessary, an extra at 50 % excess over each point shall be allowed.
4. Where ever the light/fan point is provided at a height/length of 15 feet and above, then an extra of 50% over the point rates shall be allowed.
5. The rates for common civil items including labour rates have to be adopted from prevailing SOR.
6. The rates for all types of electrical items proposed are inclusive of all taxes such as Sales Tax, Excise duty etc.
7. The Government instructions for usage of Energy efficient luminaries have to be invariably followed while proposing luminaries in the estimates.
8. The rates for items such as Lifts, Refrigerators / A.C. plants / Water coolers, Solar Power Systems and Video and Audio Systems etc., have to be invariably followed based on the prevailing market rates, since the rates and specification varies from manufacturer to manufacturer considerably. Hence, rates for these items are not incorporated in the schedule. However, relevant data without rates is provided in the standard schedule data for electrical works.
9. In case of any addition to the proposed SOR, the approval has to be obtained from the 'Building SoR' Committee of Chief Engineers through the (R&B) Electrical wing. Temporary approvals which are under relevant specifications of the BIS/ISO/ISI can be given by the Superintending Engineer (R&B) Electrical.
10. The Superintending Engineer (R&B) Electrical will review the performance over the quality of the makes proposed in the SOR from time to time and in case any inferior quality is observed the same shall be brought to the notice of the 'Building SoR' Committee for deletion from the SOR.
11. The schedule of rates is only for guidance of officers for preparation of estimates as per the Para 113 of APPWD code. The authority that sanctioned the estimate is however responsible for adopting the proper rates in the estimates as envisaged in para 45 of APPWD code.

12. As per GO Ms No.51 Industries and commerce (MSME) Dept Dt:01.06.2010,All the indenting departments / Agents should invariably give preference to all local MSME which are manufacturing quality products having ISO 9001 – 2000, DGS & D, BIS certification without entertaining any other dealers / branded product manufacturers who have no production base in the state.

## ELECTRICAL ITEMS

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SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		<b>SECTION - 1</b>			
	<b>1.1</b>	<b>M.S. CONDUIT PIPES</b>			
1	ELEC-1.1.1	Supply of ISI, 20mm dia, 16 guage thickness MS conduit pipe of makes NAI / Bharath / GB.	1	Mtr	64.80
2	ELEC-1.1.2	Supply of ISI, 25mm dia, 16 guage thickness MS conduit pipe of makes NAI / Bharath / GB.	1	Mtr	75.60
3	ELEC-1.1.3	Supply of ISI, 32mm dia, 16 guage thickness MS conduit pipe of makes NAI / Bharath / GB.	1	Mtr	113.40
4	ELEC-1.1.4	Supply of ISI, 38mm dia, 16 guage thickness MS conduit pipe of makes NAI / Bharath / GB.	1	Mtr	114.50
5	ELEC-1.1.5	Supply of ISI, 50mm dia,16 guage thickness MS conduit pipe of makes NAI / Bharath / GB.	1	Mtr	162.00
6	ELEC-1.1.6	Supply of 19 / 20 mm MS Junction box normal range big size long neck.	1	No	22.00
7	ELEC-1.1.7	Supply of 25 mm MS Junction box normal range big size long neck.	1	No	22.00
8	ELEC-1.1.8	Supply of 32 mm MS Junction box normal range big size long neck.	1	No	57.00
9	ELEC-1.1.9	Supply of 40 / 38 mm MS Junction box normal range big size long neck.	1	No	67.00
10	ELEC-1.1.10	Supply of 50 mm MS Junction box normal range big size long neck.	1	No	121.00
11	ELEC-1.1.11	Supply of 25/20mm.MS Junction deep box.	1	No	35.00
12	ELEC-1.1.12	Supply of 32mm.MS Junction deep box.	1	No	81.00
13	ELEC-1.1.13	Supply of 40mm.MS Junction deep box.	1	No	84.00
14	ELEC-1.1.14	Supply of 19/20mm MS Inspection Bends.	1	No	20.00
15	ELEC-1.1.15	Supply of 25mm MS Inspection Bends.	1	No	20.00
16	ELEC-1.1.16	Supply of 32mm MS Inspection Bends.	1	No	50.00
17	ELEC-1.1.17	Supply of 40/38mm MS Inspection Bends.	1	No	61.00
18	ELEC-1.1.18	Supply of 50mm MS Inspection Bends.	1	No	104.00
19	ELEC-1.1.19	Supply of 19/20mm MS Inspection Tee.	1	No	21.00
20	ELEC-1.1.20	Supply of 25mm MS Inspection Tee.	1	No	22.00
21	ELEC-1.1.21	Supply of 32mm MS Inspection Tee.	1	No	57.00
22	ELEC-1.1.22	Supply of 40/38mm MS Inspection Tee.	1	No	67.00
23	ELEC-1.1.23	Supply of 50mm MS Inspection Tee.	1	No	121.00
24	ELEC-1.1.24	Supply of 19/20mm MS Inspection Elbow.	1	No	19.00
25	ELEC-1.1.25	Supply of 25mm MS Inspection Elbow.	1	No	19.00
26	ELEC-1.1.26	Supply of 32mm MS Inspection Elbow.	1	No	48.00
27	ELEC-1.1.27	Supply of 40/38mm MS Inspection Elbow.	1	No	59.00
28	ELEC-1.1.28	Supply of 50mm MS Inspection Elbow.	1	No	98.00
29	ELEC-1.1.29	Supply of MS Inspection 10 Guage G.I. checknut size 19/20mm.	100	Nos	187.00
30	ELEC-1.1.30	Supply of MS Inspection 10 Guage G.I. checknut size 25mm.	100	Nos	233.00
31	ELEC-1.1.31	Supply of MS Inspection 10 Guage G.I. checknut size 32mm.	100	Nos	432.00
32	ELEC-1.1.32	Supply of MS Inspection 10 Guage G.I. checknut size 40/38mm.	100	Nos	584.00
33	ELEC-1.1.33	Supply of MS Inspection 10 Guage G.I. checknut size 50mm.	100	Nos	1156.00
34	ELEC-1.1.34	Supply of 19/20mm Saddles with Base.	100	Nos	192.00
35	ELEC-1.1.35	Supply of 25mm Saddles with Base.	100	Nos	200.00
36	ELEC-1.1.36	Supply of 32mm Saddles with Base.	100	Nos	330.00
37	ELEC-1.1.37	Supply of 40/38mm Saddles with Base.	100	Nos	351.00
38	ELEC-1.1.38	Supply of 50mm Saddles with Base.	100	Nos	405.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
39	ELEC-1.1.39	Supply of 19/20mm 20 guage Saddles.	100	Nos	103.00
40	ELEC-1.1.40	Supply of 25mm 20 guage Saddles.	100	Nos	135.00
41	ELEC-1.1.41	Supply of 32mm 20 guage Saddles.	100	Nos	222.00
42	ELEC-1.1.42	Supply of 40/38mm 20 guage Saddles.	100	Nos	280.00
43	ELEC-1.1.43	Supply of 50mm 20 guage Saddles.	100	Nos	341.00
44	ELEC-1.1.44	Supply of 19/20mm 16 Guage socket coupler.	12	Nos	52.00
45	ELEC-1.1.45	Supply of 25mm 16 Guage socket coupler.	12	Nos	65.00
46	ELEC-1.1.46	Supply of 32mm 16 Guage socket coupler.	12	Nos	98.00
47	ELEC-1.1.47	Supply of 38mm 16 Guage socket coupler.	12	Nos	117.00
48	ELEC-1.1.48	Supply of 40mm 16 Guage socket coupler.	12	Nos	156.00
49	ELEC-1.1.49	Supply of 50mm 16 Guage socket coupler.	12	Nos	193.00
50	ELEC-1.1.50	Supply of 19mm Ball Socket.	12	Nos	193.00
51	ELEC-1.1.51	Supply of 25mm Ball Socket.	12	Nos	188.00
	<b>1.2</b>	<b>PVC CONDUIT PIPES</b>			
52	ELEC-1.2.1	Supply of ISI 20mm outer dia medium (1.55mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul.	1	Mtr	18.20
53	ELEC-1.2.2	Supply of ISI 20mm outer dia heavy (2.10mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul.	1	Mtr	23.00
54	ELEC-1.2.3	Supply of ISI 25mm outer dia medium (1.80mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul.	1	Mtr	24.20
55	ELEC-1.2.4	Supply of ISI 25mm outer dia heavy (2.20mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul.	1	Mtr	30.30
56	ELEC-1.2.5	Supply of ISI 32mm outer dia medium (2.10mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul.	1	Mtr	40.50
57	ELEC-1.2.6	Supply of ISI 40mm outer dia medium (2.30mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul.	1	Mtr	55.60
58	ELEC-1.2.7	Supply of ISI 50mm outer dia medium (2.85mm thickness) grade with IS:9537 part 3 regid PVC pipe of makes Sudhakar / Modi / Atul.	1	Mtr	77.50
59	ELEC-1.2.8	Supply of Non - ISI 19mm 1.50mm thick regid PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1	Mtr	13.20
60	ELEC-1.2.9	Supply of Non - ISI 19mm 1.80mm thick regid PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1	Mtr	17.60
61	ELEC-1.2.10	Supply of Non - ISI 25mm 1.50mm thick regid PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1	Mtr	17.60
62	ELEC-1.2.11	Supply of Non - ISI 25mm 1.80mm thick regid PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1	Mtr	23.10
63	ELEC-1.2.12	Supply of Non - ISI 32mm dia 2.0mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1	Mtr	30.80
64	ELEC-1.2.13	Supply of Non - ISI 40mm dia 2.0mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight /	1	Mtr	40.70

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1	2	3	4		5
		Besto Plast.			
65	ELEC-1.2.14	Supply of Non - ISI 50mm dia 2.0mm thickness PVC pipe of makes Million Plast / Sudhakar / Durga / Nandi / Sunlight / Besto Plast.	1	Mtr	46.20
66	ELEC-1.2.15	Supply of ISI 19/20mm width and 12.5mm height Casing and Caping of Modi make.	1	Mtr	24.20
67	ELEC-1.2.16	Supply of ISI 25mm width and 12.5mm height Casing and Caping of Modi make.	1	Mtr	30.30
68	ELEC-1.2.17	Supply of ISI 32mm width and 12.5mm height Casing and Caping of Modi make.	1	Mtr	35.10
69	ELEC-1.2.18	Supply of ISI 38/40mm width and 12.5mm height Casing and Caping of Modi make.	1	Mtr	60.50
70	ELEC-1.2.19	Supply of Non - ISI 19/20mm width and 12.5mm height Casing and Caping of Diamond / Durga make.	1	Mtr	16.50
71	ELEC-1.2.20	Supply of Non - ISI 25mm width and 12.5mm height Casing and Caping of Diamond / Durga make.	1	Mtr	17.60
72	ELEC-1.2.21	Supply of Non - ISI 32mm width and 12.5mm height Casing and Caping of Diamond / Durga make.	1	Mtr	23.10
73	ELEC-1.2.22	Supply of Non - ISI 38/40mm width and 12.5mm height Casing and Caping of Diamond / Durga make.	1	Mtr	34.10
74	ELEC-1.2.23	Supply of 19/20mm PVC Flexible Pipe.	1	Mtr	3.50
75	ELEC-1.2.24	Supply of 25mm PVC Flexible Pipe.	1	Mtr	4.70
76	ELEC-1.2.25	Supply of 32mm PVC Flexible Pipe.	1	Mtr	5.80
77	ELEC-1.2.26	Supply of 40/38mm PVC Flexible Pipe.	1	Mtr	11.60
78	ELEC-1.2.27	Supply of 50mm PVC Flexible Pipe.	1	Mtr	18.50
79	ELEC-1.2.28	Supply of 19/20mm PVC Flexible Couplings.	1	No	10.00
80	ELEC-1.2.29	Supply of 25mm PVC Flexible Couplings.	1	No	13.00
81	ELEC-1.2.30	Supply of 32mm PVC Flexible Couplings.	1	No	27.00
82	ELEC-1.2.31	Supply of 40/38mm PVC Flexible Couplings.	1	No	29.00
83	ELEC-1.2.32	Supply of 50mm PVC Flexible Couplings.	1	No	58.00
84	ELEC-1.2.33	Supply of 19/20mm PVC Junction Boxes Normal.	1	No	16.00
85	ELEC-1.2.34	Supply of 25mm PVC Junction Boxes Normal.	1	No	18.00
86	ELEC-1.2.35	Supply of 32mm PVC Junction Boxes Normal.	1	No	32.00
87	ELEC-1.2.36	Supply of 40mm PVC Junction Boxes Normal.	1	No	35.00
88	ELEC-1.2.37	Supply of 50mm PVC Junction Boxes Normal.	1	No	49.00
89	ELEC-1.2.38	Supply of PVC Junction Boxes Deep size 19/20mm.	1	No	21.00
90	ELEC-1.2.39	Supply of PVC Junction Boxes Deep size 25mm.	1	No	24.00
91	ELEC-1.2.40	Supply of PVC Junction Boxes Deep size 32mm.	1	No	38.00
92	ELEC-1.2.41	Supply of PVC Junction Boxes Deep size 40/38mm.	1	No	41.00
93	ELEC-1.2.42	Supply of PVC Junction Boxes Deep size 50mm.	1	No	61.00
94	ELEC-1.2.43	Supply of 19/20mm dia 1.5mm thick PVC Bends of Sudhakar make.	1	No	4.00
95	ELEC-1.2.44	Supply of 25mm dia 1.5mm thick PVC Bends of Sudhakar make.	1	No	6.00
96	ELEC-1.2.45	Supply of 32mm dia 2.0mm thick PVC Bends of Sudhakar make.	1	No	15.00
97	ELEC-1.2.46	Supply of 40mm dia 2.0mm thick PVC Bends of Sudhakar make.	1	No	18.00
98	ELEC-1.2.47	Supply of 50mm dia 2.0mm thick PVC Bends of Sudhakar make.	1	No	27.00
99	ELEC-1.2.48	Dummy Cover to PVC junction boxes	1	No	4.00
	<b>1.3</b>	<b>HOT DIP GALVANIZED METAL BOXES (MODULAR)</b>			
100	ELEC-1.3.1	Supply of 1 or 2 Module box	1	No	54.00
101	ELEC-1.3.2	Supply of 3 Module box	1	No	76.00

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1	2	3	4		5
102	ELEC-1.3.3	Supply of 4 Module box	1	No	91.00
103	ELEC-1.3.4	Supply of 6 Module box	1	No	124.00
104	ELEC-1.3.5	Supply of 8 or 9 Module box Horizontal/Vertical.	1	No	162.00
105	ELEC-1.3.6	Supply of 12 Module box	1	No	199.00
		<b>METALLIC BOXES (MS)</b>			
106	ELEC-1.3.7	Supply of 4" x 4" Metal Box	1	No	50.00
107	ELEC-1.3.8	Supply of 4" x 7" Metal Box	1	No	60.00
108	ELEC-1.3.9	Supply of 6" x 6" Metal Box	1	No	75.00
109	ELEC-1.3.10	Supply of 6" x 8" Metal Box	1	No	100.00
110	ELEC-1.3.11	Supply of 10" x 8" Metal Box	1	No	175.00
111	ELEC-1.3.12	Supply of 10" x 12" Metal Box	1	No	225.00
	<b>1.4</b>	<b>T.W. BOARDS</b>			
112	ELEC-1.4.1	Deleted From SOR 12-13 ELEC-1.4.1			
113	ELEC-1.4.2	Deleted From SOR 12-13 ELEC-1.4.2			
114	ELEC-1.4.3	Deleted From SOR 12-13 ELEC-1.4.3			
115	ELEC-1.4.4	Deleted From SOR 12-13 ELEC-1.4.4			
116	ELEC-1.4.5	Deleted From SOR 12-13 ELEC-1.4.5			
117	ELEC-1.4.6	Deleted From SOR 12-13 ELEC-1.4.6			
118	ELEC-1.4.7	Deleted From SOR 12-13 ELEC-1.4.7			
		<b>SWITCH BOARDS</b>			
119	ELEC-1.4.8	Supply of T.W.Deep Box of Size 4" x 4"	1	No	9.00
120	ELEC-1.4.9	Supply of T.W.Deep Box of Size 4" x 7"	1	No	16.00
121	ELEC-1.4.10	Supply of T.W.Deep Box of Size 6" x 6"	1	No	20.00
122	ELEC-1.4.11	Supply of T.W.Deep Box of Size 6" x 8"	1	No	27.00
123	ELEC-1.4.12	Supply of T.W.Deep Box of Size 8" x 10"	1	No	44.00
124	ELEC-1.4.13	Supply of T.W.Deep Box of Size 10" x 12"	1	No	66.00
125	ELEC-1.4.14	Supply of T.W.Deep Box of Size 12" x 15"	1	No	99.00
126	ELEC-1.4.15	Deleted From SOR 12-13 ELEC-1.4.15			
127	ELEC-1.4.16	Deleted From SOR 12-13 ELEC-1.4.16			
128	ELEC-1.4.17	Deleted From SOR 12-13 ELEC-1.4.17			
129	ELEC-1.4.18	Deleted From SOR 12-13 ELEC-1.4.18			
130	ELEC-1.4.19	Deleted From SOR 12-13 ELEC-1.4.19			
131	ELEC-1.4.20	Deleted From SOR 12-13 ELEC-1.4.20			
132	ELEC-1.4.21	Deleted From SOR 12-13 ELEC-1.4.21			
133	ELEC-1.4.22	Supply of Decolam Board of Size 4" x 4"	1	No	13.00
134	ELEC-1.4.23	Supply of Decolam Board of Size 4" x 7"	1	No	23.00
135	ELEC-1.4.24	Supply of Decolam Board of Size 6" x 6"	1	No	30.00
136	ELEC-1.4.25	Supply of Decolam Board of Size 6" x 8"	1	No	40.00
137	ELEC-1.4.26	Supply of Decolam Board of Size 8" x 10"	1	No	66.00
138	ELEC-1.4.27	Supply of Decolam Board of Size 10" x 12"	1	No	99.00
139	ELEC-1.4.28	Supply of Decolam Board of Size 12" x 15"	1	No	149.00
140	ELEC-1.4.29	Supply of Peeta Board of Size 9" x 14"	1	No	48.00
141	ELEC-1.4.30	Supply of Peeta Board of Size 12" x 10"	1	No	46.00
142	ELEC-1.4.31	Supply of Peeta Board of Size 15" x 20"	1	No	165.00
143	ELEC-1.4.32	Supply of Peeta Board of Size 18" x 24"	1	No	238.00
144	ELEC-1.4.33	Supply of Peeta Board of Size 18" x 30"	1	No	297.00
145	ELEC-1.4.34	Supply of No.8 Screws of 12mm.	100	Nos	54.00
146	ELEC-1.4.35	Supply of No.8 Screws of 25mm.	100	Nos	65.00
147	ELEC-1.4.36	Supply of No.8 Screws of 30mm.	100	Nos	81.00

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1	2	3	4		5
148	ELEC-1.4.37	Supply of No.8 Screws of 35/38mm.	100	Nos	87.00
149	ELEC-1.4.38	Supply of No.8 Screws of 50mm.	100	Nos	98.00
150	ELEC-1.4.39	Supply of No.8 Screws of 63/75mm.	100	Nos	119.00
	<b>1.5</b>	<b>COPPER FLEXIBLE CABLES (AS PER IS:694)</b>			
151	ELEC-1.5.1	Supply of 14/0.3mm (1.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes Finolex / RR kabel	100	Mtrs	1001.00
152	ELEC-1.5.2	Supply of 22/0.3mm (1.5 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes Finolex / RR kabel	100	Mtrs	1481.00
153	ELEC-1.5.3	Supply of 36/0.3mm (2.5 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes Finolex / RR kabel	100	Mtrs	2390.00
154	ELEC-1.5.4	Supply of 56/0.3mm (4.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes Finolex / RR kabel	100	Mtrs	3650.00
155	ELEC-1.5.5	Supply of 84/0.3mm (6.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes Finolex / RR kabel	100	Mtrs	5550.00
156	ELEC-1.5.6	Supply of 140/0.3mm (10.0 Sqmm) PVC FRLS / HFFR insulated flexible Copper cable of makes Finolex / RR kabel	100	Mtrs	8600.00
157	ELEC-1.5.7	Supply of 126/0.4mm (16.0 Sqmm) PVC FRLS / HFFR insulated flexible Copper cable of makes Finolex / RR kabel	100	Mtrs	13600.00
158	ELEC-1.5.8	Supply of 14/0.3mm (1.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Great White Sun Cab / Fortune Art.	100	Mtrs	880.00
159	ELEC-1.5.9	Supply of 22/0.3mm (1.5 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Great White Sun Cab / Fortune Art.	100	Mtrs	1293.00
160	ELEC-1.5.10	Supply of 36/0.3mm (2.5 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Great White Sun Cab / Fortune Art.	100	Mtrs	2090.00
161	ELEC-1.5.11	Supply of 56/0.3mm (4.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Great White Sun Cab / Fortune Art.	100	Mtrs	3200.00
162	ELEC-1.5.12	Supply of 84/0.3mm (6.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as perIS:694/1990 specification for Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Great White Sun Cab / Fortune Art.	100	Mtrs	5000.00
163	ELEC-1.5.13	Supply of 140/0.3mm (10.0 Sqmm) FRLS / HFFR PVC insulated flexible Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Sun Cab / Fortune Art.	100	Mtrs	7600.00
164	ELEC-1.5.14	Supply of 126/0.4mm (16.0 Sqmm) PVC FRLS / HFFR insulated flexible Copper cable of makes KEI / Polycab / Havells / GM / Million / HPL / Gold Medal / Power Flex / RPG / Anchor / Sun	100	Mtrs	12600.00

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1	2	3	4		5
		Cab / Fortune Art.			
165	ELEC-1.5.15	Supply of 14/0.3mm (1.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Vimal / V-Guard / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab / Gloster.	100	Mtrs	759.00
166	ELEC-1.5.16	Supply of 22/0.3mm (1.5 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Vimal / V-Guard / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab / Gloster.	100	Mtrs	1095.00
167	ELEC-1.5.17	Supply of 36/0.3mm (2.5 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Vimal / V-Guard / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab / Gloster.	100	Mtrs	1768.00
168	ELEC-1.5.18	Supply of 56/0.3mm (4.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Vimal / V-Guard / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab / Gloster.	100	Mtrs	2650.00
169	ELEC-1.5.19	Supply of 84/0.3mm (6.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Vimal / V-Guard / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab / Gloster.	100	Mtrs	4100.00
170	ELEC-1.5.20	Supply of 140/0.3mm (10.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Vimal / V-Guard / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab / Gloster.	100	Mtrs	6500.00
171	ELEC-1.5.21	Supply of 126/0.4mm (16.0 Sqmm) FRLS / HFFR PVC insulated 1100V grade as per IS:694/1990 specification for Copper cable of makes Standard / Vimal / V-Guard / Nakoda / Star / Milltec / Fine Cab / Payal / Bentec / Gemscab / Gloster.	100	Mtrs	10000.00
		<b>SHEATHED FLEXIBLE CABLES</b>			
172	ELEC-1.5.22	Supply of PVC insulated 2 core 1.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.	100	Mtrs	3990.00
173	ELEC-1.5.23	Supply of PVC insulated 2 core 2.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.	100	Mtrs	6365.00
174	ELEC-1.5.24	Supply of PVC insulated 2 core 4.0 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.	100	Mtrs	9785.00
175	ELEC-1.5.25	Supply of PVC insulated 3 core 1.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.	100	Mtrs	5463.00
176	ELEC-1.5.26	Supply of PVC insulated 3 core 2.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.	100	Mtrs	8788.00
177	ELEC-1.5.27	Supply of PVC insulated 3 core 4.0 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.	100	Mtrs	13395.00
178	ELEC-1.5.28	Supply of PVC insulated 4 core 1.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.	100	Mtrs	7040.00
179	ELEC-1.5.29	Supply of PVC insulated 4 core 2.5 Sqmm sheathed flexible copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.	100	Mtrs	11210.00
180	ELEC-1.5.30	Supply of PVC insulated 4 core 4.0 Sqmm sheathed flexible	100	Mtrs	17062.00

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		copper cable for voltage up to 1100V as per IS 694/1990 of makes Finolex / RR Kable.			
	<b>1.6</b>	<b>SERVICE MAINS AND FLAT CABLE OF ISI FOR SUBMERSIBLE MOTORS.</b>			
181	ELEC-1.6.1	Supply of 2.5 Sqmm WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100	Mtrs	702.00
182	ELEC-1.6.2	Supply of 6 Sqmm WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100	Mtrs	1426.00
183	ELEC-1.6.3	Supply of 10 Sqmm WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100	Mtrs	1534.00
184	ELEC-1.6.4	Supply of 16 Sqmm WPSC (Weather Proof Single Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100	Mtrs	2565.00
185	ELEC-1.6.5	Supply of 6 Sqmm WPTC (Weather Proof Twin Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100	Mtrs	2873.00
186	ELEC-1.6.6	Supply of 10 Sqmm WPTC (Weather Proof Twin Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100	Mtrs	3456.00
187	ELEC-1.6.7	Supply of 16 Sqmm WPTC (Weather Proof Twin Core) ISI Alluminium Wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100	Mtrs	6480.00
188	ELEC-1.6.8	Supply of 23 / 0060 twin core twisted / flat heavy Copper wire of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100	Mtrs	990.00
189	ELEC-1.6.9	Supply of 3 Core 1.5 Sqmm Flat Copper cable of ISI for Submersible Motors of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100	Mtrs	5445.00
190	ELEC-1.6.10	Supply of 3 Core 2.5 Sqmm Flat Copper cable as per IS 694:1990 for Submersible Motors of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100	Mtrs	8360.00
191	ELEC-1.6.11	Supply of 3 Core 4.0 Sqmm Flat Copper cable as per IS 694:1990 for Submersible Motors of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100	Mtrs	12540.00
192	ELEC-1.6.12	Supply of 3 Core 6.0 Sqmm Flat Copper cable as per IS 694:1990 for Submersible Motors of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100	Mtrs	18480.00
193	ELEC-1.6.13	Supply of 3 Core 10.0 Sqmm Flat Copper cable as per IS 694:1990 for Submersible Motors of makes Finolex / GM / Million / V-Guard / Payal / Nakoda / Gold Medal / HPL / RPG.	100	Mtrs	30030.00
	<b>1.7</b>	<b>FLUSH TYPE SWITCHES AND ACCESSORIES</b>			
194	ELEC-1.7.1	Supply of 6A 1 Way flush type Swich of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1	No	18.00
195	ELEC-1.7.2	Supply of 6A 2 Way flush type Swich of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1	No	21.00
196	ELEC-1.7.3	Supply of 6A 2 pin flush type Socket of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1	No	20.00
197	ELEC-1.7.4	Supply of 6A 3/2 pin flush type Socket with shutter of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta	1	No	27.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		Cherry / Great white Omega			
198	ELEC-1.7.5	Supply of 6A flush type Neon Indicator of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1	No	20.00
199	ELEC-1.7.6	Supply of 6A Triangle Plug Top of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1	No	35.00
200	ELEC-1.7.7	Supply of 6A 1 Way flush type Bed Swich / Bell Push of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1	No	21.00
201	ELEC-1.7.8	Supply of 16A flush type Swich of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1	No	65.00
202	ELEC-1.7.9	Supply of 16A flush type Socket with shutter of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1	No	65.00
203	ELEC-1.7.10	Supply of 16A flush type Switch Socket combined (2 in one) of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1	No	102.00
204	ELEC-1.7.11	Deleted From SOR 12-13 ELEC-1.7.11			
205	ELEC-1.7.12	Supply of 16A Triangle Plug Top of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1	No	50.00
206	ELEC-1.7.13	Deleted From SOR 10-11 ELEC-1.7.13			
207	ELEC-1.7.14	Supply of stepped type Electronic Regulator of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1	No	220.00
208	ELEC-1.7.15	Supply of 3 Plate Jumbo Ceiling Rose of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	21.00
209	ELEC-1.7.16	Supply of BH / SBH of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	20.00
210	ELEC-1.7.17	Supply of Pendent Holder / Adopter of makes Anchor / Gold Medal Olive / Million Zoom.	1	No	17.00
211	ELEC-1.7.18	Supply of Telephone Jack with Connector of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1	No	48.00
212	ELEC-1.7.19	Supply of TV Antenna Outlet of makes GM G Home / Gold Medal Olive / Million Zoom / Anchor Penta Cherry / Great white Omega	1	No	26.00
213	ELEC-1.7.20	Supply of 15A/10A Flush type Fuse of makes GM / Million / Gold Medal / Maru Mantero / Anchor Penta Cherry / Great white.	1	No	32.00
214	ELEC-1.7.21	Supply of 32A DP Flush type of makes GM / Million / Gold Medal / Maru Mantero / Anchor Penta Cherry / Great white.	1	No	106.00
215	ELEC-1.7.22	Supply of Calling Bell of makes GM / Million / Gold Medal / Maru / Anchor / Great white.	1	No	50.00
216	ELEC-1.7.23	Supply of Buzzer of makes GM / Million / Gold Medal / Maru / Anchor / Great white.	1	No	45.00
217	ELEC-1.7.24	Supply of Ding Dong Bell of makes GM / Million / Gold Medal / Maru / Anchor / Great white.	1	No	102.00
218	ELEC-1.7.25	Supply of Electronic Musical Bell of makes GM / Million / Gold Medal / Maru / Anchor / Great white.	1	No	240.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
219	ELEC-1.7.26	Supply of Remote Bell of makes GM / Million / Gold Medal / Maru / Anchor / Great white.	1	No	450.00
220	ELEC-1.7.27	Deleted From SOR 10-11 ELEC-1.7.28			
221	ELEC-1.7.28	Supply of MC Holder of makes GM / Million / Gold Medal / Maru / Anchor / Great white.	1	No	21.00
222	ELEC-1.7.29	Supply of Spike Guard with 1 No Switch and 4 Nos Sockets of makes GM / Million / Gold Medal / Maru / Anchor / Great white.	1	No	310.00
223	ELEC-1.7.30	Supply of Spike Guard with 4 No Switches and 4 Nos Sockets of makes GM / Million / Gold Medal / Maru / Anchor / Great white.	1	No	410.00
224	ELEC-1.7.31	Supply of 6A 1 Way flush type Swich of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	15.00
225	ELEC-1.7.32	Supply of 6A 2 Way flush type Swich of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	19.00
226	ELEC-1.7.33	Supply of 6A 2 pin flush type Socket of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	15.00
227	ELEC-1.7.34	Supply of 6A 3/2 pin flush type Socket with shutter of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	20.00
228	ELEC-1.7.35	Supply of 6A flush type Neon Indicator of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	18.00
229	ELEC-1.7.36	Supply of 6A Triangle Plug Top of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	28.00
230	ELEC-1.7.37	Supply of 6A 1 Way flush type Bed Swich / Bell Push of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	18.00
231	ELEC-1.7.38	Supply of 16A flush type Swich of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	55.00
232	ELEC-1.7.39	Supply of 16A flush type Socket with shutter of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	55.00
233	ELEC-1.7.40	Supply of 16A flush type Switch Socket combined (2 in one) of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	85.00
234	ELEC-1.7.41	Deleted From SOR 12-13 ELEC-1.7.41	1	No	110.00
235	ELEC-1.7.42	Supply of 16A Triangle Plug Top of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	44.00
236	ELEC-1.7.43	Supply of stepped type Electronic Regulator of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	180.00
237	ELEC-1.7.44	Supply of 3 Plate Jumbo Ceiling Rose of makes Vimal opel / Maru Mantero / Starex Smile / CPL.	1	No	16.00
238	ELEC-1.7.45	Supply of 32A DP Flush type of makes GM / Gold Medal / Anchor / Great White/ Milltec / Vimal / Maru / Star.	1	No	85.00
	<b>1.8</b>	<b>MINI MODULAR SWITCHES AND ACCESSORIES</b>			
239	ELEC-1.8.1	Supply of 6A 1 Way Mini Modular Switch with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1	No	23.00
240	ELEC-1.8.2	Supply of 6A 2 Way Mini Modular Switch with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1	No	26.00
241	ELEC-1.8.3	Supply of 6A 2 Pin Mini Modular Socket with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1	No	24.00
242	ELEC-1.8.4	Supply of 6A 3/2 Pin Mini Modular Socket with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1	No	35.00
243	ELEC-1.8.5	Supply of 6A Mini Modular Neon Indicator with Cover Frame	1	No	28.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.			
244	ELEC-1.8.6	Supply of 6A Mini Modular Bed Switch / Bell Push with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1	No	26.00
245	ELEC-1.8.7	Supply of 6A 1 Way Mini Modular Switch with Neon Indicator with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1	No	28.00
246	ELEC-1.8.8	Supply of 6A Mini Modular Bell Push with Neon Indicator with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1	No	39.00
247	ELEC-1.8.9	Supply of 16A Mini Modular Switch with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1	No	80.00
248	ELEC-1.8.10	Deleted From SOR 10-11 ELEC-1.8.10			
249	ELEC-1.8.11	Supply of 16A (2 in one) Mini Modular Switch & Socket combined with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1	No	110.00
250	ELEC-1.8.12	Deleted From SOR 12-13 ELEC-1.8.12			
251	ELEC-1.8.13	Supply of 16A Triangle Top with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1	No	49.00
252	ELEC-1.8.14	Deleted From SOR 10-11 ELEC-1.8.14			
253	ELEC-1.8.15	Supply of Mini Modular Stepped type Electronic Regulator with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1	No	240.00
254	ELEC-1.8.16	Deleted From SOR 11-12 ELEC-1.8.16			
255	ELEC-1.8.17	Deleted From SOR 11-12 ELEC-1.8.17			
256	ELEC-1.8.18	Supply of Mini Modular Telephone Jack with Connector with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1	No	54.00
257	ELEC-1.8.19	Supply of Mini Modular TV Antenna Outlet with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1	No	35.00
258	ELEC-1.8.20	Supply of 16A/10A Mini Modular Flush Fuse with Cover Frame of makes GM / Anchor / Million / Vimal / Gold Medal / Maru / CPL / Great White.	1	No	40.00
	<b>1.9</b>	<b>MODULAR SWITCHES AND ACCESSORIES</b>			
259	ELEC-1.9.1	Supply of 6A / 10A 1 Way 1 Module Modular Switch of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	92.00
260	ELEC-1.9.2	Supply of 6A / 10A 2 Way 1 Module Modular Switch of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	101.00
261	ELEC-1.9.3	Supply of 6A / 10A 2 Pin 2 Module Modular Socket of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	93.00
262	ELEC-1.9.4	Supply of 6A / 10A 3/2 Pin 2 Module Modular Socket with shutter of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	141.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
263	ELEC-1.9.5	Supply of 6A / 10A 1 Module Modular Switch with Neon Indicator of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	117.00
264	ELEC-1.9.6	Supply of 6A / 10A Modular Bell Push with Neon Indicator of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	137.00
265	ELEC-1.9.7	Supply of 16A / 10A Modular Flush Fuse with Neon Indicator of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	126.00
266	ELEC-1.9.8	Supply of 16A / 20A 1 Way 1 Module Modular Switch of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	126.00
267	ELEC-1.9.9	Supply of 16A / 20A 2 Way 1 Module Modular Switch of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	138.00
268	ELEC-1.9.10	Supply of 20A 1 Way 1 Module Modular Switch with Indicator of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	138.00
269	ELEC-1.9.11	Supply of 20A Modular Socket with shutter of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	188.00
270	ELEC-1.9.12	Supply of 16A/6A 1 way Combi Socket Modular Socket with shutter of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	196.00
271	ELEC-1.9.13	Supply of 16A Triangle Top of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	158.00
272	ELEC-1.9.14	Supply of 1 Module Modular type Electronic step type Fan Regulator of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	473.00
273	ELEC-1.9.15	Deleted From SOR 10-11 ELEC-1.9.15			
274	ELEC-1.9.16	Supply of Modular socket type Telephone jack with Connector of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	100.00
275	ELEC-1.9.17	Supply of Modular co-Axial socket type TV Antenna outlet of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	98.00
276	ELEC-1.9.18	Supply of 6A / 10A 1 Way 1 Module Modular Switch of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	63.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
277	ELEC-1.9.19	Supply of 6A / 10A 2 Way 1 Module Modular Switch of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	75.00
278	ELEC-1.9.20	Supply of 6A / 10A 2 Pin 1 Module Modular Socket with shutter of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	64.00
279	ELEC-1.9.21	Supply of 6A / 10A 3/2 Pin 2 Module Modular Socket with shutter of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	93.00
280	ELEC-1.9.22	Supply of 6A / 10A 1 Module Modular Switch with Neon Indicator of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	75.00
281	ELEC-1.9.23	Supply of 6A / 10A 1 Module Modular Bell Push with Neon Indicator of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	90.00
282	ELEC-1.9.24	Supply of 16A / 10A 1 Module Modular Flush Fuse with Neon Indicator of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	83.00
283	ELEC-1.9.25	Supply of 16A / 20A 1 Way 1 Module Modular Switch of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	83.00
284	ELEC-1.9.26	Supply of 16A / 20A 2 Way 1 Module Modular Switch of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	95.00
285	ELEC-1.9.27	Supply of 20A 1 Way 1 Module Modular Switch with Indicator of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	91.00
286	ELEC-1.9.28	Supply of 20A 2 Module Modular Socket with shutter of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	133.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
287	ELEC-1.9.29	Supply of 16A/6A 1 way 2 Module Combi Socket Modular Socket with shutter of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	135.00
288	ELEC-1.9.30	Supply of 16A Triangle Top of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	65.00
289	ELEC-1.9.31	Deleted From SOR 10-11 ELEC-1.9.31			
290	ELEC-1.9.32	Supply of 1 Module Modular type Electronic step type Fan Regulator of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	375.00
291	ELEC-1.9.33	Supply of Modular socket type Telephone jack with Connector of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	65.00
292	ELEC-1.9.34	Supply of Modular co-Axial socket type TV Antenna outlet of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	64.00
293	ELEC-1.9.35	Supply of 1 or 2 Modular Cover Frame of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	65.00
294	ELEC-1.9.36	Supply of 3 Modular Cover Frame of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	77.00
295	ELEC-1.9.37	Supply of 4 Modular Cover Frame of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	89.00
296	ELEC-1.9.38	Supply of 6 Modular Cover Frame of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	130.00
297	ELEC-1.9.39	Supply of 8 Modular Horizontal / Vertical Cover Frame of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	172.00
298	ELEC-1.9.40	Supply of 12 Modular Vertical Cover Frame of GM Four-Five / Legrand Arteor / Schneider Zen celo / MK Blenge.	1	No	210.00
299	ELEC-1.9.41	Supply of 1 or 2 Modular Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	56.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
300	ELEC-1.9.42	Supply of 3 Modular Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	69.00
301	ELEC-1.9.43	Supply of 4 Modular Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	81.00
302	ELEC-1.9.44	Supply of 6 Modular Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	108.00
303	ELEC-1.9.45	Supply of 8 Modular Horizontal / Vertical Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	137.00
304	ELEC-1.9.46	Supply of 12 Modular Vertical Cover Frame of Legrand Myrius / Cabtree Thames Platinum / Million Logus / Gold Medal Curve / Anchor Roma viola / CPL / Great white Myrah / Fortune Art.	1	No	167.00
		<b>SECTION - 2</b>			
	<b>2.1</b>	<b>PANEL MOUNTING SWITCH DISCONNECTOR FUSE UNITS ( SDFU ) AS PER IS: 13947</b>			
305	ELEC-2.1.1	Supply of 32A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1	No	1351.00
306	ELEC-2.1.2	Supply of 63A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1	No	2329.00
307	ELEC-2.1.3	Supply of 125A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1	No	5578.00
308	ELEC-2.1.4	Supply of 200A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1	No	7280.00
309	ELEC-2.1.5	Supply of 250A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1	No	8740.00
310	ELEC-2.1.6	Supply of 400A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1	No	13455.00
311	ELEC-2.1.7	Supply of 630A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes L&T / G E / C&S / ABB / SIEMENS	1	No	22759.00
312	ELEC-2.1.8	Supply of 32A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL.	1	No	1129.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
313	ELEC-2.1.9	Supply of 63A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL.	1	No	1692.00
314	ELEC-2.1.10	Supply of 125A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL.	1	No	3827.00
315	ELEC-2.1.11	Supply of 200A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL.	1	No	5783.00
316	ELEC-2.1.12	Supply of 250A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL.	1	No	6521.00
317	ELEC-2.1.13	Supply of 400A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL.	1	No	9960.00
318	ELEC-2.1.14	Supply of 630A TPN Switch Disconnecter Fuse Unit Cubical type without fuses of makes Standard / Havells / HPL.	1	No	16538.00
	<b>2.2</b>	<b>ON LOAD CHANGEOVER SWITCHES (OPEN EXECUTION) AS PER IS:13947</b>			
319	ELEC-2.2.1	Supply of 63A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T	1	No	4135.00
320	ELEC-2.2.2	Supply of 125A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T	1	No	7828.00
321	ELEC-2.2.3	Supply of 200A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T	1	No	10474.00
322	ELEC-2.2.4	Supply of 250A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T	1	No	14884.00
323	ELEC-2.2.5	Supply of 400A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T	1	No	22712.00
324	ELEC-2.2.6	Supply of 630A 4 Pole Change Over Switch on Load with open Execution of makes HPL Socomec / L & T	1	No	27012.00
325	ELEC-2.2.7	Deleted From SOR 11-12 ELEC-2.2.7			
326	ELEC-2.2.8	Deleted From SOR 11-12 ELEC-2.2.8			
327	ELEC-2.2.9	Supply of 63A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells.	1	No	3749.00
328	ELEC-2.2.10	Supply of 125A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells.	1	No	7283.00
329	ELEC-2.2.11	Supply of 200A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells.	1	No	9639.00
330	ELEC-2.2.12	Supply of 250A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells.	1	No	13709.00
331	ELEC-2.2.13	Supply of 400A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells.	1	No	21313.00
332	ELEC-2.2.14	Supply of 630A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells.	1	No	25597.00
333	ELEC-2.2.15	Deleted From SOR 11-12 ELEC-2.2.15			
334	ELEC-2.2.16	Deleted From SOR 11-12 ELEC-2.2.16			
335	ELEC-2.2.17	Supply of 32A 4 Pole Change Over Switch on Load with open Execution of makes ABB / GE / Siemens / Standard / Havells.	1	No	1438.00
	<b>2.3</b>	<b>OFF LOAD CHANGE OVER SWITCHES IN SS ENCLOSURE AS PER IS:13947</b>			
336	ELEC-2.3.1	Supply of 32A 240V DP Off load Changeover Switch in sheet steel enclosure of makes HPL / Havells / Standard.	1	No	1318.00
337	ELEC-2.3.2	Supply of 63A 415V FP Off load Changeover Switch in sheet steel enclosure of makes HPL / Havells / Standard.	1	No	4594.00
338	ELEC-2.3.3	Supply of 100A 415V FP Off load Changeover Switch in sheet steel enclosure of makes HPL / Havells / Standard.	1	No	7006.00
339	ELEC-2.3.4	Supply of 32A 240V DP Off load Changeover Switch in sheet	1	No	760.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		steel enclosure of makes Million / Bentec / Gold Medal / Star.			
340	ELEC-2.3.5	Supply of 63A 415V FP Off load Changeover Switch in sheet steel enclosure of makes Million / Bentec / Gold Medal / Star.	1	No	2670.00
341	ELEC-2.3.6	Supply of 100A 415V FP Off load Changeover Switch in sheet steel enclosure of makes Million / Bentec / Gold Medal / Star.	1	No	5019.00
	<b>2.4</b>	<b>REWIRABLE / DOUBLE BREAK SWITCHES IN SS ENCLOSURE AS PER IS:13947</b>			
342	ELEC-2.4.1	Supply of 32A 240V SPN Rewirable Fuse Switch in SS enclosure of makes HPL / Havells / Standard	1	No	936.00
343	ELEC-2.4.2	Supply of 32A 415V TPN Rewirable Fuse Switch in SS enclosure of makes HPL / Havells / Standard	1	No	1446.00
344	ELEC-2.4.3	Supply of 63A 415V TPN Rewirable Fuse Switch in SS enclosure of makes HPL / Havells / Standard	1	No	3302.00
345	ELEC-2.4.4	Supply of 100A 415V TPN Rewirable Fuse Switch in SS enclosure of makes HPL / Havells / Standard	1	No	6148.00
346	ELEC-2.4.5	Supply of 100A 415V TPN Double Break Switch in SS enclosure without fuses of makes HPL / Havells / Standard	1	No	6190.00
347	ELEC-2.4.6	Supply of 200A 415V TPN Double Break Switch in SS enclosure without fuses of makes HPL / Havells / Standard	1	No	9025.00
348	ELEC-2.4.7	Supply of 32A 240V SPN Rewirable Fuse Switch in SS enclosure of makes GM / Million / Sputnik / Gold Medal / Bentec / Star.	1	No	620.00
349	ELEC-2.4.8	Supply of 32A 415V TPN Rewirable Fuse Switch in SS enclosure of makes GM / Million / Sputnik / Gold Medal / Bentec / Star.	1	No	1033.00
350	ELEC-2.4.9	Supply of 63A 415V TPN Rewirable Fuse Switch in SS enclosure of makes GM / Million / Sputnik / Gold Medal / Bentec / Star.	1	No	2350.00
351	ELEC-2.4.10	Supply of 100A 415V TPN Rewirable Fuse Switch in SS enclosure of makes GM / Million / Sputnik / Gold Medal / Bentec / Star.	1	No	4579.00
352	ELEC-2.4.11	Supply of 100A 415V TPN Double Break Switch in SS enclosure without fuse of makes GM / Million / Sputnik / Gold Medal / Bentec / Star.	1	No	4730.00
353	ELEC-2.4.12	Supply of 200A 415V TPN Double Break Switch in SS enclosure without fuse of makes GM / Million / Sputnik / Gold Medal / Bentec / Star.	1	No	7747.00
	<b>2.5</b>	<b>HRC FUSE LINKS (BOLTED TYPE)</b>			
354	ELEC-2.5.1	Supply of up to 32A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens.	1	No	50.00
355	ELEC-2.5.2	Supply of 32A to 63A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens.	1	No	77.00
356	ELEC-2.5.3	Supply of 125A to 200A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens.	1	No	248.00
357	ELEC-2.5.4	Supply of 250A to 350A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens.	1	No	363.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
358	ELEC-2.5.5	Supply of 400A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens.	1	No	704.00
359	ELEC-2.5.6	Supply of 630A HRC Fuse Links of makes L & T / G E / C & S / Standard / HPL / Havells / Siemens.	1	No	1425.00
	<b>2.6</b>	<b>PORCELAIN REWIRABLE FUSE UNITS.</b>			
360	ELEC-2.6.1	Supply of 32A 240V Porcelain Rewirable Fuse Units of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec.	1	No	99.00
361	ELEC-2.6.2	Supply of 32A 415V Porcelain Rewirable Fuse Units of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec.	1	No	123.00
362	ELEC-2.6.3	Supply of 63A 415V Porcelain Rewirable Fuse Units of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec.	1	No	259.00
363	ELEC-2.6.4	Supply of 100A 415V Porcelain Rewirable Fuse Units of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec.	1	No	484.00
364	ELEC-2.6.5	Supply of 200A 415V Porcelain Rewirable Fuse Units with extension strip of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec.	1	No	891.00
365	ELEC-2.6.6	Supply of 300A 415V Porcelain Rewirable Fuse Units with extension strip of makes GM / Sputnik / Million / Gold Medal / Vimal / Star / Bentec.	1	No	1182.00
	<b>2.7</b>	<b>VOLTAGE SURGE PROTECTORS</b>			
366	ELEC-2.7.1	Supply of 2 Pole 2 Module 40 KA 1.4 KV Voltage Surge Protector of make Legrand / Siemens / Hager / G E.	1	No	8000.00
367	ELEC-2.7.2	Supply of 4 Pole 4 Module 40 KA 1.4 KV Voltage Surge Protector of make Legrand / Siemens / Hager / G E.	1	No	15000.00
368	ELEC-2.7.3	Supply of 2 Pole 2 Module 15 KA 1.2 KV Voltage Surge Protector of make Legrand / Siemens / Hager / G E.	1	No	6400.00
369	ELEC-2.7.4	Supply of 4 Pole 4 Module 15 KA 1.2 KV Voltage Surge Protector of make Legrand / Siemens / Hager / G E.	1	No	12000.00
	<b>2.8</b>	<b>PANEL MOUNTING MCCBs/ ACBs (Thermal Magnetic Release)</b>			
370	ELEC-2.8.1	Supply of 63A / 60A 3 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens.	1	No	6060.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
371	ELEC-2.8.2	Supply of 125A 3 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens.	1	No	7194.00
372	ELEC-2.8.3	Supply of 250A 3 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 36/35 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens.	1	No	16025.00
373	ELEC-2.8.4	Supply of 400A 3 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 36/35 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens.	1	No	21690.00
374	ELEC-2.8.5	Supply of 63A / 60A 4 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens.	1	No	6813.00
375	ELEC-2.8.6	Supply of 125A 4 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens.	1	No	8700.00
376	ELEC-2.8.7	Supply of 250A 4 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 35/36 KA with thermal magnetic release Panel Mounted of makes L&T (DN2-250N) / Schneider / Siemens / Hager	1	No	20818.00
377	ELEC-2.8.8	Supply of 400A 4 Pole MCCB, Adjustable, Confirms to IS/IEC 60947-2 having Breaking Capacity 50 KA with thermal magnetic release Panel Mounted of makes L&T / Schneider / Siemens.	1	No	26208.00
378	ELEC-2.8.9	Supply of 63A / 60A 3 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard.	1	No	4229.00
379	ELEC-2.8.10	Supply of 125A 3 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard.	1	No	4807.00
380	ELEC-2.8.11	Supply of 250A 3 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 36/35 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard.	1	No	14823.00
381	ELEC-2.8.12	Deleted From SOR 12-13 ELEC-2.8.12			
382	ELEC-2.8.13	Supply of 63A / 60A 4 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard.	1	No	5668.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
383	ELEC-2.8.14	Supply of 125A 4 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 25 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard.	1	No	6322.00
384	ELEC-2.8.15	Supply of 250A 4 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 36 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard.	1	No	18010.00
385	ELEC-2.8.16	Supply of 400A 4 Pole MCCB / Confirms to IS/IEC 60947-2 having Breaking Capacity 50 KA with thermal magnetic release Panel Mounted of makes Legrand / GE / ABB / Havells / HPL / Standard.	1	No	22890.00
		<b>PANEL MOUNTING ACBs (Microprocessor Based)</b>			
386	ELEC-2.8.17	Supply of 630A 3 Pole, 50kA Air Circuit Breaker electrically fixed Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of Siemens / L&T / Schneider make.	1	No	104444.00
387	ELEC-2.8.18	Supply of 630A 4 Pole, 50kA Air Circuit Breaker electrically fixed Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of Siemens / L&T / Schneider make.	1	No	129841.00
388	ELEC-2.8.19	Supply of 630A 3 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of Siemens / L&T / Schneider make.	1	No	139793.00
389	ELEC-2.8.20	Supply of 630A 4 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of Siemens / L&T / Schneider make.	1	No	173147.00
390	ELEC-2.8.21	Supply of 800A 3 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault protection of makes Siemens / L&T / Schneider make.	1	No	147276.00
391	ELEC-2.8.22	Supply of 800A 4 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault protection of makes Siemens / L&T / Schneider make.	1	No	182744.00
392	ELEC-2.8.23	Supply of 1000A 3 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault protection of makes Siemens / L&T / Schneider make.	1	No	154780.00
393	ELEC-2.8.24	Supply of 1000A 4 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault protection of makes Siemens / L&T / Schneider make.	1	No	194892.00
394	ELEC-2.8.25	Supply of 630A 3 Pole, 50kA Air Circuit Breaker electrically fixed Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of ABB / Legrand / HPL / GE make.	1	No	94000.00

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1	2	3	4		5
395	ELEC-2.8.26	Supply of 630A 4 Pole, 50kA Air Circuit Breaker electrically fixed Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of ABB / Legrand / HPL / GE make.	1	No	116857.00
396	ELEC-2.8.27	Supply of 630A 3 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of ABB / Legrand / HPL / GE make.	1	No	125813.00
397	ELEC-2.8.28	Supply of 630A 4 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault Protection of ABB / Legrand / HPL / GE make.	1	No	155832.00
398	ELEC-2.8.29	Supply of 800A 3 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault protection of makes ABB / Legrand / HPL / GE make.	1	No	132548.00
399	ELEC-2.8.30	Supply of 800A 4 Pole, 50kA Air Circuit Breaker electrically drawout Confirms to IS 13947-2, IEC 60947-2 and BS-EN 60947 with Micro processor based having over load, shot circuit and earth fault protection of makes ABB / Legrand / HPL / GE make.	1	No	164470.00
400	ELEC-2.8.31	Supply, instalation, testing and commisioning of 800 Amp, 50KA breaking capacity (100% Neutral busbar) air insulated compact Raising mains system made of CRCA sheet steel encloser of thickness not less than 1.5 mm having degree of protection of IP 55 as per 2127. wall strap, fully PVC insulated four strip ALUMINIUM busbar in convenient sections including , end feed unit, end cover units suitable for 415 volts 3 phase, 4 wire, 50 Hz A.C. System,etc., Makes: Legrand / L&T / Seimens / Schiender / GE	1	Mtrs	13328.00
401	ELEC-2.8.32	Supply and Fixing of Spring suspension hanger for rising Main for 400A / 800A Raising Mains. Makes: Legrand / L&T / Seimens / Schiender / GE	1	No	5385.00
402	ELEC-2.8.33	Supply and Fixing of Suspension brackets for rising main for 400A / 800A Raising Mains Makes: Legrand / L&T / Seimens / Schiender / GE	1	No	4665.00
403	ELEC-2.8.34	Supply and Fixing of 800 Amps Horizontal / Vertical bends Makes: Legrand / L&T / Seimens / Schiender / GE	1	No	34800.00
404	ELEC-2.8.35	Supply and Fixing of Adopter box for 400A / 800A Raising Mains Makes: Legrand / L&T / Seimens / Schiender / GE	1	No	15000.00
405	ELEC-2.8.36	Supply and Fixing of 800 Amps Copper Flexibles for three phases and neutral Makes: Legrand / L&T / Seimens / Schiender / GE	1	No	46550.00
406	ELEC-2.8.37	Supply, instalation, testing and commisioning of 400 Amp, 50KA breaking capacity (100% Neutral busbar) air insulated compact Raising mains system made of CRCA sheet steel encloser of thickness not less than 1.5 mm having degree of protection of IP 55 as per 2127. wall strap, fully PVC insulated four strip ALUMINIUM busbar in convenient sections including required end feed unit, end cover units suitable for 415 volts 3 phase, 4 wire, 50 Hz A.C. System,etc., Makes: Legrand / L&T / Seimens / Schiender / GE	1	Mtrs	10413.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
407	ELEC-2.8.38	Supply and Fixing of 400 Amps Horizontal / Vertical bends Makes: Legrand / L&T / Seimens / Schiender / GE	1	No	32750.00
408	ELEC-2.8.39	Supply and Fixing of 400 Amps Copper Flexibles for three phases and neutral Makes: Legrand / L&T / Seimens / Schiender / GE	1	No	40850.00
409	ELEC-2.8.40	Supply and Fixing of 400 Amps Tap off box Makes: Legrand / L&T / Seimens / Schiender / GE	1	No	44550.00
410	ELEC-2.8.41	Supply and Fixing of 250 Amps Tap off box Makes: Legrand / L&T / Seimens / Schiender / GE	1	No	41600.00
411	ELEC-2.8.42	Supply and Fixing of 250 Amps TPN 36KA DPX250-ER MCCB for tap off boxes for power supply Makes: Legrand / L&T / Seimens / Schiender / GE	1	No	16573.00
	<b>2.9</b>	<b>MCBs (AS PER IS:60898-1:2002)</b>			
412	ELEC-2.9.1	Supply of 6-32A 10KA SP MCB, C/D Curve ISI Mark of make Legrand / Schneider.	1	No	201.00
413	ELEC-2.9.2	Supply of 40-63A 10KA SP MCB, C/D Curve ISI Mark of make Legrand / Schneider.	1	No	423.00
414	ELEC-2.9.3	Supply of 6-32A 10KA DP MCB, C/D Curve ISI Mark of make Legrand / Schneider.	1	No	595.00
415	ELEC-2.9.4	Supply of 40-63A 10KA DP MCB, C/D Curve ISI Mark of make Legrand / Schneider.	1	No	962.00
416	ELEC-2.9.5	Supply of 6-32A 10KA TP MCB, C/D Curve ISI Mark of make Legrand / Schneider.	1	No	955.00
417	ELEC-2.9.6	Supply of 40-63A 10KA TP MCB, C/D Curve ISI Mark of make Legrand / Schneider.	1	No	1477.00
418	ELEC-2.9.7	Supply of 6-32A 10KA FP MCB, C/D Curve ISI Mark of make Legrand / Schneider.	1	No	1281.00
419	ELEC-2.9.8	Supply of 40-63A FP MCB, C/D Curve ISI Mark of make Legrand / Schneider.	1	No	1899.00
420	ELEC-2.9.9	Supply of 6-32A 10KA SP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	162.00
421	ELEC-2.9.10	Supply of 40-63A 10KA SP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	356.00
422	ELEC-2.9.11	Supply of 6-32A 10KA DP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	512.00
423	ELEC-2.9.12	Supply of 40-63A 10KA DP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	701.00
424	ELEC-2.9.13	Supply of 6-32A 10KA TP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	818.00

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1	2	3	4		5
425	ELEC-2.9.14	Supply of 40-63A 10KA TP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	1134.00
426	ELEC-2.9.15	Supply of 6-32A 10KA FP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	1062.00
427	ELEC-2.9.16	Supply of 40 - 63A 10KA FP MCB, C/D Curve ISI Mark of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	1424.00
428	ELEC-2.9.17	Supply of 6-32A 10KA SP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec.	1	No	121.00
429	ELEC-2.9.18	Supply of 40-63A 10KA SP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec.	1	No	221.00
430	ELEC-2.9.19	Supply of 6-32A 10KA DP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec.	1	No	335.00
431	ELEC-2.9.20	Supply of 40-63A 10KA DP MCB, C/D Curve ISI Mark C-Curve of make Gold Medal / Milltec / Sputnik / Bentec.	1	No	501.00
432	ELEC-2.9.21	Supply of 6-32A 10KA TP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec.	1	No	612.00
433	ELEC-2.9.22	Supply of 40 - 63A 10KA TP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec.	1	No	945.00
434	ELEC-2.9.23	Supply of 6-32A 10KA FP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec.	1	No	787.00
435	ELEC-2.9.24	Supply of 40 - 63A 10KA FP MCB, C/D Curve ISI Mark of make Gold Medal / Milltec / Sputnik / Bentec.	1	No	1112.00
	<b>2.10</b>	<b>ISOLATORS CONFIRMS TO I E C 60947 PART-III</b>			
436	ELEC-2.10.1	Supply of 32A DP Isolator of make Legrand / Schneider.	1	No	338.00
437	ELEC-2.10.2	Supply of 40A DP Isolator of make Legrand / Schneider.	1	No	367.00
438	ELEC-2.10.3	Supply of 63A DP Isolator of make Legrand / Schneider.	1	No	488.00
439	ELEC-2.10.4	Supply of 40A TP Isolator of make Legrand / Schneider.	1	No	624.00
440	ELEC-2.10.5	Supply of 63A TP Isolator of make Legrand / Schneider.	1	No	725.00
441	ELEC-2.10.6	Supply of 40A FP Isolator of make Legrand / Schneider.	1	No	814.00
442	ELEC-2.10.7	Supply of 63A FP Isolator of make Legrand / Schneider.	1	No	890.00
443	ELEC-2.10.8	Deleted From SOR 12-13 ELEC-2.10.8			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
444	ELEC-2.10.9	Supply of 100A FP Isolator of make Legrand / Schneider.	1	No	956.00
445	ELEC-2.10.10	Supply of 32A DP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	318.00
446	ELEC-2.10.11	Supply of 40A DP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	334.00
447	ELEC-2.10.12	Supply of 63A DP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	411.00
448	ELEC-2.10.13	Supply of 40A TP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	585.00
449	ELEC-2.10.14	Supply of 63A TP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	590.00
450	ELEC-2.10.15	Supply of 40A FP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	678.00
451	ELEC-2.10.16	Supply of 63A FP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	734.00
452	ELEC-2.10.17	Deleted From SOR 12-13 ELEC-2.10.17			
453	ELEC-2.10.18	Supply of 100A FP Isolator of make Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	918.00
454	ELEC-2.10.19	Supply of 32A DP Isolator of make Gold Medal / Milltec / Sputnik / Bentec.	1	No	215.00
455	ELEC-2.10.20	Supply of 40A DP Isolator of make Gold Medal / Milltec / Sputnik / Bentec.	1	No	258.00
456	ELEC-2.10.21	Supply of 63A DP Isolator of make Gold Medal / Milltec / Sputnik / Bentec.	1	No	345.00
457	ELEC-2.10.22	Supply of 40A TP Isolator of make Gold Medal / Milltec / Sputnik / Bentec.	1	No	383.00
458	ELEC-2.10.23	Supply of 63A TP Isolator of make Gold Medal / Milltec / Sputnik / Bentec.	1	No	428.00
459	ELEC-2.10.24	Supply of 40A FP Isolator of make Gold Medal / Milltec / Sputnik / Bentec.	1	No	572.00
460	ELEC-2.10.25	Deleted From SOR 11-12 ELEC-2.10.25			
461	ELEC-2.10.26	Deleted From SOR 11-12 ELEC-2.10.26			
462	ELEC-2.10.27	Deleted From SOR 11-12 ELEC-2.10.27			
	<b>2.11</b>	<b>RCCBs CONFIRMS TO IEC:61008 AND IS:12640</b>			
463	ELEC-2.11.1	Supply of 40A 2 Pole RCCB 30mA, of makes Legrand / Schneider.	1	No	2700.00
464	ELEC-2.11.2	Supply of 63A 2 Pole RCCB 30mA, of makes Legrand / Schneider.	1	No	3300.00
465	ELEC-2.11.3	Supply of 40A 2 Pole RCCB 100mA, of makes Legrand / Schneider.	1	No	2900.00
466	ELEC-2.11.4	Supply of 63A 2 Pole RCCB 100mA, of makes Legrand / Schneider.	1	No	3330.00
467	ELEC-2.11.5	Supply of 40A 4 Pole RCCB 30mA, of makes Legrand / Schneider.	1	No	2970.00
468	ELEC-2.11.6	Supply of 63A 4 Pole RCCB 30mA, of makes Legrand / Schneider.	1	No	3515.00
469	ELEC-2.11.7	Supply of 40A 4 Pole RCCB 100mA, of makes Legrand / Schneider.	1	No	3135.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
470	ELEC-2.11.8	Supply of 63A 4 Pole RCCB 100mA, of makes Legrand / Schneider.	1	No	4000.00
471	ELEC-2.11.9	Supply of 40A 2 Pole RCCB 30mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	2152.00
472	ELEC-2.11.10	Supply of 63A 2 Pole RCCB 30mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	2902.00
473	ELEC-2.11.11	Supply of 40A 2 Pole RCCB 100mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	2118.00
474	ELEC-2.11.12	Supply of 63A 2 Pole RCCB 100mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	2780.00
475	ELEC-2.11.13	Supply of 40A 4 Pole RCCB 30mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	2647.00
476	ELEC-2.11.14	Supply of 63A 4 Pole RCCB 30mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	3019.00
477	ELEC-2.11.15	Supply of 40A 4 Pole RCCB 100mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	2558.00
478	ELEC-2.11.16	Supply of 63A 4 Pole RCCB 100mA, of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	2947.00
479	ELEC-2.11.17	Deleted From SOR 11-12 ELEC-2.11.17			
480	ELEC-2.11.18	Deleted From SOR 11-12 ELEC-2.11.18			
481	ELEC-2.11.19	Deleted From SOR 11-12 ELEC-2.11.19			
482	ELEC-2.11.20	Deleted From SOR 11-12 ELEC-2.11.20			
483	ELEC-2.11.21	Deleted From SOR 11-12 ELEC-2.11.21			
484	ELEC-2.11.22	Deleted From SOR 11-12 ELEC-2.11.22			
485	ELEC-2.11.23	Deleted From SOR 11-12 ELEC-2.11.23			
486	ELEC-2.11.24	Deleted From SOR 11-12 ELEC-2.11.24			
487	ELEC-2.11.25	Supply of MCB type Change Over Switch 20A Double Pole 2 way 400V AC suitable to fix on Din Channel of makes Legrand / Schneider.	1	No	1880.00
	<b>2.12</b>	<b>MCB DISTRIBUTION BOARDS (AS PER IS:13032)</b>			
488	ELEC-2.12.1	Supply of 4 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider.	1	No	760.00
489	ELEC-2.12.2	Supply of 8 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 8Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider.	1	No	880.00
490	ELEC-2.12.3	Supply of 12 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 12Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider.	1	No	1045.00
491	ELEC-2.12.4	Supply of 4 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider.	1	No	990.00
492	ELEC-2.12.5	Supply of 8 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 8Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider.	1	No	1245.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
493	ELEC-2.12.6	Supply of 12 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 12Nos S.P out goings and for 1 No Incommer etc complete of makes Legrand / Schneider.	1	No	1505.00
494	ELEC-2.12.7	Supply of 4 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	463.00
495	ELEC-2.12.8	Supply of 8 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 8 Nos S.P out goings and for 1 No Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	606.00
496	ELEC-2.12.9	Supply of 12 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 12 Nos S.P out goings and for 1 No Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	695.00
497	ELEC-2.12.10	Supply of 4 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc completeof makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	800.00
498	ELEC-2.12.11	Supply of 8 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 8 Nos S.P out goings and for 1 No Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	1130.00
499	ELEC-2.12.12	Supply of 12 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 12 Nos S.P out goings and for 1 No Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	1350.00
500	ELEC-2.12.13	Supply of 4 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	328.00
501	ELEC-2.12.14	Supply of 8 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 8 Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	446.00
502	ELEC-2.12.15	Supply of 12 Way SPN DB with IP 20 Protection as per IS:13032 and suitable for 12 Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	547.00
503	ELEC-2.12.16	Supply of 4 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 4Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	551.00
504	ELEC-2.12.17	Supply of 8 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 8 Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	756.00
505	ELEC-2.12.18	Supply of 12 Way SPN DB with IP 43 Protection as per IS:13032 and suitable for 12 Nos S.P out goings and for 1 No Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	957.00
506	ELEC-2.12.19	Supply of 4 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 12 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider.	1	No	1500.00
507	ELEC-2.12.20	Supply of 8 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 24 Nos S.P. out goings and for 1 No 4	1	No	2200.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		pole Incommer etc complete of makes Legrand / Schneider.			
508	ELEC-2.12.21	Supply of 12 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 36 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider.	1	No	4205.00
509	ELEC-2.12.22	Supply of 4 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 12 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider.	1	No	2491.00
510	ELEC-2.12.23	Supply of 8 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 24 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider.	1	No	3750.00
511	ELEC-2.12.24	Supply of 12 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 36 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider.	1	No	5429.00
512	ELEC-2.12.25	Supply of 4 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider.	1	No	5125.00
513	ELEC-2.12.26	Supply of 8 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider.	1	No	6322.00
514	ELEC-2.12.27	Supply of 12 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makes Legrand / Schneider.	1	No	9202.00
515	ELEC-2.12.28	Supply of 4 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for TP/SP out goings etc complete of makes Legrand / Schneider.	1	No	6045.00
516	ELEC-2.12.29	Supply of 6 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for TP/SP out goings etc complete of makes Legrand / Schneider.	1	No	7000.00
517	ELEC-2.12.30	Supply of 8 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for 8 Nos T.P. out goings etc complete of makes Legrand / Schneider.	1	No	7770.00
518	ELEC-2.12.31	Supply of 12 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for 12 Nos T.P. out goings etc complete of makes Legrand / Schneider.	1	No	10078.00
519	ELEC-2.12.32	Supply of 7 Segment 4 Way TPN DB with IP 42 Protection with provision for FPMCB / Isolator / RCCB / RCBO as incomer, 3Nos DPMCB / Isolator / RCCB / RCBO as sub incomer and 12 Nos SPMCB's as out going of makes Legrand / Schneider.	1	No	6500.00
520	ELEC-2.12.33	Supply of 7 Segment 8 Way TPN DB with IP 42 Protection with provision for FPMCB / Isolator / RCCB / RCBO as incomer, 3Nos DPMCB / Isolator / RCCB / RCBO as sub incomer and 24Nos SPMCB's as out going of makes Legrand / Schneider.	1	No	7800.00
521	ELEC-2.12.34	Supply of 4 Way VTPN DB suitable for accomodating 125A / 160A 4 Pole MCCB as incomer and 4 Nos TP MCBs as outgoing and with IP 43 Protection of makes Legrand / Schneider.	1	No	7843.00
522	ELEC-2.12.35	Supply of 8 Way VTPN DB suitable for accomodating 125A / 160A 4 Pole MCCB as incomer and 8 Nos TP MCBs as outgoing and with IP 43 Protection of makes Legrand / Schneider.	1	No	9823.00
523	ELEC-2.12.36	Supply of 20A SP Plug and Socket in SS enclosure of makes Legrand / Schneider.	1	No	901.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
524	ELEC-2.12.37	Supply of 20A TP Plug and Socket in SS enclosure of makes Legrand / Schneider.	1	No	1915.00
525	ELEC-2.12.38	Supply of 32A TP Plug and Socket in SS enclosure of makes Legrand / Schneider.	1	No	2287.00
526	ELEC-2.12.39	Supply of 4 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 12 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	1550.00
527	ELEC-2.12.40	Supply of 8 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 24 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	2200.00
528	ELEC-2.12.41	Supply of 12 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 36 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	3000.00
529	ELEC-2.12.42	Supply of 4 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 12 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	2200.00
530	ELEC-2.12.43	Supply of 8 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 24 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	3500.00
531	ELEC-2.12.44	Supply of 12 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 36 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	5000.00
532	ELEC-2.12.45	Supply of 4 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	3800.00
533	ELEC-2.12.46	Supply of 8 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	5250.00
534	ELEC-2.12.47	Supply of 12 Way VTPN DB with IP 20 Protection as per IS:13032 and suitable for TP/SP out goings and for 1 No 4 pole Incommer etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	6800.00
535	ELEC-2.12.48	Supply of 4 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for TP/SP out goings etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	5600.00
536	ELEC-2.12.49	Supply of 6 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for TP/SP out goings etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	7100.00
537	ELEC-2.12.50	Supply of 8 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for 8 Nos T.P. out goings etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	9100.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
538	ELEC-2.12.51	Supply of 12 Way VTPN DB suitable for accommodating 4 pole incomer with IP 43 Protection as per IS:13032 and suitable for 12 Nos T.P. out goings etc complete of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	4900.00
539	ELEC-2.12.52	Supply of 7 Segment 4 Way TPN DB with IP 42 Protection with provision for FPMCB / Isolator / RCCB / RCBO as incomer, 3Nos DPMCB / Isolator / RCCB / RCBO as sub incomer and 12 Nos SPMCB's as out going of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	6200.00
540	ELEC-2.12.53	Supply of 7 Segment 8 Way TPN DB with IP 42 Protection with provision for FPMCB / Isolator / RCCB / RCBO as incomer, 3Nos DPMCB / Isolator / RCCB / RCBO as sub incomer and 24Nos SPMCB's as out going of makes Siemens / GE / ABB / GM / Standard / Havells / HPL / Hager.	1	No	680.00
541	ELEC-2.12.54	Deleted From SOR 12-13 ELEC-2.12.54			
542	ELEC-2.12.55	Deleted From SOR 12-13 ELEC-2.12.55			
543	ELEC-2.12.56	Supply of 4 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 12Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	1275.00
544	ELEC-2.12.57	Supply of 8 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 24Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	1770.00
545	ELEC-2.12.58	Supply of 12 Way TPN DB Horizontal with IP 20 Protection as per IS:13032 and suitable for 36Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	2200.00
546	ELEC-2.12.59	Supply of 4 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 12Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	1650.00
547	ELEC-2.12.60	Supply of 6 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 18Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	1900.00
548	ELEC-2.12.61	Supply of 8 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 24Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	2200.00
549	ELEC-2.12.62	Supply of 12 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 and suitable for 36 Nos S.P. out goings and for 1 No 4 pole Incommer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	2800.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
550	ELEC-2.12.63	Supply of 4 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 20 Protection as per IS:13032 and suitable for 4 Nos T.P. out goings etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	2700.00
551	ELEC-2.12.64	Supply of 6 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 20 Protection as per IS:13032 and suitable for 6 Nos T.P. out goings and for 1 No 4 pole Incomer etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	3500.00
552	ELEC-2.12.65	Supply of 8 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 20 Protection as per IS:13032 and suitable for 8 Nos T.P. out goings etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	4700.00
553	ELEC-2.12.66	Supply of 4 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 43 Protection as per IS:13032 and suitable for 4 Nos T.P. out goings etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	2700.00
554	ELEC-2.12.67	Supply of 8 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 43 Protection as per IS:13032 and suitable for 8 Nos T.P. out goings etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	4700.00
555	ELEC-2.12.68	Supply of 12 Way VTPN DB suitable for accommodating 4 pole Isolator as incomer with IP 43 Protection as per IS:13032 and suitable for 12 Nos T.P. out goings etc complete of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	6300.00
556	ELEC-2.12.69	Supply of 20A SP Plug and Socket in SS enclosure of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	590.00
557	ELEC-2.12.70	Supply of 20A TP Plug and Socket in SS enclosure of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	925.00
558	ELEC-2.12.71	Supply of 32A TP Plug and Socket in SS enclosure of makes Gold Medal / Milltec / Sputnik / Bentec.	1	No	1300.00
559	ELEC-2.12.72	Supply of SP Enclosure with IP 20 Protection of makes Legrand / Schneider.	1	No	250.00
560	ELEC-2.12.73	Supply of DP/TP/FP Metal Enclosure with IP 20 Protection of makes Legrand / Schneider.	1	No	366.00
		<b>SECTION - 3</b>			
	<b>3.1</b>	<b>STREET LIGHT LUMINAIRES</b>			
561	ELEC-3.1.1	Supply of 1 x 36/40 W fluorescent street light luminaire with sheet aluminium housing and UV stabilised acrylic cover with Electronic ballast and all standard accessories etc of makes Wipro / G.E. / Phillips.	1	No	1400.00
562	ELEC-3.1.2	Supply of 1 x 36/40 W fluorescent street light luminaire with sheet aluminium housing and UV stabilised acrylic cover with Electronic ballast and all standard accessories etc of makes Crompton / Bajaj / HPL / Surya / Havells / Pierlite.	1	No	1300.00
563	ELEC-3.1.3	Supply of 1 x 36/40 W fluorescent street light luminaire with sheet aluminium housing and UV stabilised acrylic cover with Electronic ballast and all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	1100.00
564	ELEC-3.1.4	Deleted From SOR 11-12 ELEC-3.1.4			
565	ELEC-3.1.5	Deleted From SOR 11-12 ELEC-3.1.5			
566	ELEC-3.1.6	Deleted From SOR 11-12 ELEC-3.1.6			
567	ELEC-3.1.7	Deleted From SOR 11-12 ELEC-3.1.7			
568	ELEC-3.1.8	Deleted From SOR 11-12 ELEC-3.1.8			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
569	ELEC-3.1.9	Deleted From SOR 11-12 ELEC-3.1.9			
570	ELEC-3.1.10	Supply of 70W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1	No	3628.00
571	ELEC-3.1.11	Supply of 70W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes HPL / Surya / Venture / Pierlite.	1	No	3381.00
572	ELEC-3.1.12	Supply of 70W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	2856.00
573	ELEC-3.1.13	Supply of 150W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1	No	5327.00
574	ELEC-3.1.14	Supply of 150W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes HPL / Surya / Venture / Pierlite..	1	No	4698.00
575	ELEC-3.1.15	Supply of 150W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	4418.00
576	ELEC-3.1.16	Supply of 250W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1	No	6119.00
577	ELEC-3.1.17	Supply of 250W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes HPL / Surya / Venture / Pierlite.	1	No	5592.00
578	ELEC-3.1.18	Supply of 250W SV / MH Street light luminaire integral with pressure diecast aluminium housing having pot optics with IP66 protection with all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	4820.00
579	ELEC-3.1.19	Supply of 150W MH Flood light luminaire with integral weather proof diecast aluminium housing with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1	No	5376.00
580	ELEC-3.1.20	Supply of 150W MH Flood light luminaire with integral weather proof diecast aluminium housing with IP66 protection with all standard accessories etc of makes HPL / Surya / Venture / Pierlite.	1	No	4557.00
581	ELEC-3.1.21	Supply of 150W MH Flood light luminaire with integral weather proof diecast aluminium housing with IP66 protection with all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	3749.00
582	ELEC-3.1.22	Supply of 250W MH Flood light luminaire with integral weather proof diecast aluminium housing with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1	No	6993.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
583	ELEC-3.1.23	Supply of 250W MH Flood light luminaire with integral weather proof diecast aluminium housing with IP66 protection with all standard accessories etc of makes HPL / Surya / Venture / Pierlite.	1	No	6432.00
584	ELEC-3.1.24	Supply of 250W MH Flood light luminaire with integral weather proof diecast aluminium housing with IP66 protection with all standard accessories etc of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	6069.00
585	ELEC-3.1.25	Supply of 400W MH Flood light luminaire with integral weather proof diecast aluminium housing with IP66 protection with all standard accessories etc of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1	No	7431.00
586	ELEC-3.1.26	Supply of 400W MH Flood light luminaire with integral weather proof diecast aluminium housing with IP66 protection with all standard accessories etc of makes HPL / Surya / Venture / Pierlite.	1	No	6615.00
587	ELEC-3.1.27	Deleted From SOR 11-12 ELEC-3.1.21			
588	ELEC-3.1.28	Supply of 250W MH Flood light luminaire with Non - integral weather proof diecast aluminium housing with IP66 protection with Control Gear Box without lamp of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1	No	7540.00
589	ELEC-3.1.29	Supply of 250W MH Flood light luminaire with Non - integral weather proof diecast aluminium housing with IP66 protection with Control Gear Box without lamp of makes HPL / Surya / Venture / Pierlite.	1	No	6799.00
590	ELEC-3.1.30	Supply of 250W MH Flood light luminaire with Non - integral weather proof diecast aluminium housing with IP66 protection with Control Gear Box without lamp of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	6069.00
591	ELEC-3.1.31	Supply of 2 x 250W MH Flood light luminaire with Non - integral weather proof diecast aluminium housing with IP66 protection with Control Gear Box without lamp of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1	No	14561.00
592	ELEC-3.1.32	Supply of 2 x 250W MH Flood light luminaire with Non - integral weather proof diecast aluminium housing with IP66 protection with Control Gear Box without lamp of makes HPL / Surya / Venture / Transrail / Pierlite.	1	No	13138.00
593	ELEC-3.1.33	Supply of 400W MH Flood light luminaire with Non - integral weather proof diecast aluminium housing with IP66 protection with Control Gear Box without lamp of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1	No	8414.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
594	ELEC-3.1.34	Supply of 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP66 protection with Control Gear Box without lamp of makes HPL / Surya / Venture / Transrail / Pierlite.	1	No	7328.00
595	ELEC-3.1.35	Supply of 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP66 protection with Control Gear Box without lamp of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	6407.00
596	ELEC-3.1.36	Supply of 2 x 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP66 protection with Control Gear Box without lamp of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1	No	16413.00
597	ELEC-3.1.37	Supply of 2 x 400W MH Flood light luminaire with Non - integral weather proof diecast alluminium housing with IP66 protection with Control Gear Box without lamp of makes HPL / Surya / Venture / Transrail / Pierlite.	1	No	14394.00
598	ELEC-3.1.38	Supply of 500W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1	No	711.00
599	ELEC-3.1.39	Supply of 500W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes HPL / Surya / Venture / Transrail / Pierlite.	1	No	636.00
600	ELEC-3.1.40	Supply of 500W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	536.00
601	ELEC-3.1.41	Supply of 1000W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1	No	1667.00
602	ELEC-3.1.42	Supply of 1000W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes HPL / Surya / Venture / Transrail / Pierlite.	1	No	1355.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
603	ELEC-3.1.43	Supply of 1000W Hallozen Flood light luminaire with cast alluminium housing and tough end glass cover with all standard accessories of makes Elton / Style Lamp / Mahita Electro / Capart / Akhil.	1	No	1071.00
604	ELEC-3.1.44	Deleted From SOR 11-12 ELEC-3.1.44			
605	ELEC-3.1.45	Deleted From SOR 11-12 ELEC-3.1.45			
606	ELEC-3.1.46	Deleted From SOR 12-13 ELEC-3.1.46			
607	ELEC-3.1.47	Deleted From SOR 12-13 ELEC-3.1.47			
608	ELEC-3.1.48	Supply of 1 x 26W CFL well glass, low bay luminaire with die cast alluminium housing epoxy gray powder coated built in Electronic ballast with gink plated wire guard and eye bolt of make Wipro / G.E. / Phillips / Bajaj / Crompton / Havells.	1	No	2250.00
609	ELEC-3.1.49	Deleted From SOR 12-13 ELEC-3.1.49			
	<b>3.2</b>	<b>POST TOP LANTERN LUMINAIRES</b>			
610	ELEC-3.2.1	Supply of 1 x 18W CFL integral post top luminaire with conical shape, opal clear acrylic diffuser with cast alluminium pole mounting capsule complete with all accessories and ballast of makes Crompton / Bajaj / Surya / Havells / HPL.	1	No	1838.00
611	ELEC-3.2.2	Deleted From SOR 11-12 ELEC-3.2.2			
612	ELEC-3.2.3	Supply of 70W SV / MH integral HID lamp post top lantern BJDPTI 70SV / MH LPF or its equivalent with diamond / Mushroom / Spherical diffuser etc complete with all accessories of makes Wipro / Phillips / Bajaj / Crompton / Surya / HPL / Pierlite / Havells.	1	No	3822.00
		<b>ACCESSORIES FOR MV / SV / MH LUMINAIRES</b>			
	<b>3.3</b>	<b>COPPER BALLASTS</b>			
613	ELEC-3.3.1	Supply of 80W MV copper ballast of makes G.E. / Phillips / Crompton / Bajaj / Surya / Havells / Venture / Pierlite.	1	No	709.00
614	ELEC-3.3.2	Supply of 80W MV copper ballast of makes RK / Style Lamp / Akhil / Capart.	1	No	643.00
615	ELEC-3.3.3	Supply of 125W MV copper ballast.of makes G.E. / Phillips / Crompton / Bajaj / Surya / Havells / Venture / Pierlite.	1	No	775.00
616	ELEC-3.3.4	Supply of 125W MV copper ballast.of makes RK / Style Lamp / Akhil / Capart.	1	No	652.00
617	ELEC-3.3.5	Supply of 70 W SV / MH copper ballast.of makes Wipro / G.E. / Phillips.	1	No	756.00
618	ELEC-3.3.6	Supply of 70 W SV / MH copper ballast.of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1	No	643.00
619	ELEC-3.3.7	Supply of 70 W SV / MH copper ballast.of makes RK / Style Lamp / Akhil / Capart.	1	No	615.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
620	ELEC-3.3.8	Supply of 150 W SV / MH copper ballast.of makes Wipro / G.E. / Phillips.	1	No	1182.00
621	ELEC-3.3.9	Supply of 150 W SV / MH copper ballast.of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1	No	1005.00
622	ELEC-3.3.10	Supply of 150 W SV / MH copper ballast.of makes RK / Style Lamp / Akhil / Capart.	1	No	902.00
623	ELEC-3.3.11	Supply of 250 W SV / MH copper ballast.of makes Wipro / G.E. / Phillips.	1	No	1701.00
624	ELEC-3.3.12	Supply of 250 W SV / MH copper ballast.of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1	No	1428.00
625	ELEC-3.3.13	Supply of 250 W SV / MH copper ballast.of makes RK / Style Lamp / Akhil / Capart.	1	No	1223.00
626	ELEC-3.3.14	Supply of 400 W SV / MH copper ballast.of makes Wipro / G.E. / Phillips.	1	No	2457.00
627	ELEC-3.3.15	Supply of 400 W SV / MH copper ballast.of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1	No	2089.00
628	ELEC-3.3.16	Supply of 400 W SV / MH copper ballast.of makes RK / Style Lamp / Akhil / Capart.	1	No	1696.00
629	ELEC-3.3.17	Supply of Ignitor for SV / MH Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1	No	180.00
630	ELEC-3.3.18	Supply of 4 mfd HPF Capacitor of makes Wipro / G.E. / Phillips make	1	No	120.00
631	ELEC-3.3.19	Supply of 4 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	1	No	101.00
632	ELEC-3.3.20	Deleted From SOR 12-13 ELEC-3.3.20			
633	ELEC-3.3.21	Supply of 10 mfd HPF Capacitor of makes Wipro / G.E. / Phillips make	1	No	200.00
634	ELEC-3.3.22	Supply of 10 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	1	No	171.00
635	ELEC-3.3.23	Deleted From SOR 11-12 ELEC-3.3.23			
636	ELEC-3.3.24	Supply of 15 mfd HPF Capacitor of makes Wipro / G.E. / Phillips make	1	No	240.00
637	ELEC-3.3.25	Supply of 15 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	1	No	171.00
638	ELEC-3.3.26	Deleted From SOR 11-12 ELEC-3.3.26			
639	ELEC-3.3.27	Supply of 20 mfd HPF Capacitor of makes Wipro / G.E. / Phillips make	1	No	320.00
640	ELEC-3.3.28	Supply of 20 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	1	No	237.00
641	ELEC-3.3.29	Deleted From SOR 11-12 ELEC-3.3.29			
642	ELEC-3.3.30	Supply of 33 mfd HPF Capacitor of makes Wipro / G.E. / Phillips make	1	No	519.00
643	ELEC-3.3.31	Supply of 33 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	1	No	454.00
644	ELEC-3.3.32	Deleted From SOR 11-12 ELEC-3.3.32			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
645	ELEC-3.3.33	Supply of 42 mfd HPF Capacitor of makes Wipro / G.E. / Phillips make	1	No	579.00
646	ELEC-3.3.34	Supply of 42 mfd HPF Capacitor of makes Crompton / Bajaj / Surya / Havells.	1	No	473.00
647	ELEC-3.3.35	Deleted From SOR 11-12 ELEC-3.3.35			
		<b>ENERGY SAVING ELECTRONIC BALLAST FOR STREET LIGHT</b>			
648	ELEC-3.3.36	Supply of 70W SV / MH Electronic ballast having < 3W loss, PF > 0.90, THD < 15% with 3 years guarantee of makes Phillips / Whipro / Trinic / GE.	1	No	2450.00
649	ELEC-3.3.37	Supply of 150W SV / MH Electronic ballast having < 3W loss, PF > 0.90, THD < 15% with 3 years guarantee of makes Phillips / Whipro / Trinic / GE.	1	No	3350.00
650	ELEC-3.3.38	Supply of 250W SV / MH Electronic ballast having < 3W loss, PF > 0.90, THD < 15% with 3 years guarantee of makes Phillips / Whipro / Trinic / GE.	1	No	4200.00
651	ELEC-3.3.39	Supply of 400W SV / MH Electronic ballast having < 3W loss, PF > 0.90, THD < 15% with 3 years guarantee of makes Phillips / Whipro / Trinic / GE.	1	No	5400.00
		<b>BALLASTS FOR INDUCTION LAMPS</b>			
652	ELEC-3.3.40	Supply of 40W ballasts for Induction Lamp of Makes LVD-RAES / Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light.	1	No	5000.00
653	ELEC-3.3.41	Supply of 80W ballasts for Induction Lamp of Makes LVD-RAES / Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light.	1	No	5500.00
654	ELEC-3.3.42	Supply of 120W ballasts for Induction Lamp of Makes LVD-RAES / Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light.	1	No	6500.00
655	ELEC-3.3.43	Supply of 150W ballasts for Induction Lamp of Makes LVD-RAES / Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light.	1	No	7250.00
656	ELEC-3.3.44	Supply of 200W ballasts for Induction Lamp of Makes LVD-RAES / Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light.	1	No	8000.00
657	ELEC-3.3.45	Supply of 400W ballasts for Induction Lamp of Makes LVD-RAES / Crompton / Bajaj / Surya / Synergy Solutions / Fortune Art / Billion Light.	1	No	16000.00
	<b>3.4</b>	<b>LAMPS</b>			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
658	ELEC-3.4.1	Supply of 500W Hallozen Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1	No	108.00
659	ELEC-3.4.2	Supply of 500W Hallozen Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1	No	80.00
660	ELEC-3.4.3	Supply of 500W Hallozen Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	60.00
661	ELEC-3.4.4	Supply of 1000W Hallozen Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1	No	130.00
662	ELEC-3.4.5	Supply of 1000W Hallozen Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1	No	100.00
663	ELEC-3.4.6	Supply of 1000W Hallozen Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	80.00
664	ELEC-3.4.7	Supply of 70W SV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1	No	495.00
665	ELEC-3.4.8	Supply of 70W SV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1	No	450.00
666	ELEC-3.4.9	Supply of 70W SV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	400.00
667	ELEC-3.4.10	Supply of 150W SV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1	No	710.00
668	ELEC-3.4.11	Supply of 150W SV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1	No	650.00
669	ELEC-3.4.12	Supply of 150W SV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	600.00
670	ELEC-3.4.13	Supply of 250W SV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1	No	770.00
671	ELEC-3.4.14	Supply of 250W SV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1	No	720.00
672	ELEC-3.4.15	Supply of 250W SV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	680.00
673	ELEC-3.4.16	Supply of 400W SV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1	No	840.00
674	ELEC-3.4.17	Supply of 400W SV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Venture / Pierlite.	1	No	800.00
675	ELEC-3.4.18	Supply of 400W SV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	780.00
676	ELEC-3.4.19	Supply of 70W double end MH Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1	No	605.00
677	ELEC-3.4.20	Supply of 70W double end MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1	No	580.00
678	ELEC-3.4.21	Supply of 70W double end MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	530.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
679	ELEC-3.4.22	Supply of 150W double end MH Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1	No	900.00
680	ELEC-3.4.23	Supply of 150W double end MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1	No	850.00
681	ELEC-3.4.24	Supply of 150W double end MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	800.00
682	ELEC-3.4.25	Deleted From SOR 10-11 ELEC-3.4.25			
683	ELEC-3.4.26	Supply of 70W MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1	No	890.00
684	ELEC-3.4.27	Supply of 70W MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	850.00
685	ELEC-3.4.28	Supply of 150W MH Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1	No	990.00
686	ELEC-3.4.29	Supply of 150W MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1	No	950.00
687	ELEC-3.4.30	Supply of 150W MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	900.00
688	ELEC-3.4.31	Supply of 250W MH Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1	No	1350.00
689	ELEC-3.4.32	Supply of 250W MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1	No	1200.00
690	ELEC-3.4.33	Supply of 250W MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	1100.00
691	ELEC-3.4.34	Supply of 400W MH Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1	No	1540.00
692	ELEC-3.4.35	Supply of 400W MH Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1	No	1450.00
693	ELEC-3.4.36	Supply of 400W MH Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	1400.00
694	ELEC-3.4.37	Supply of 80W MV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1	No	180.00
695	ELEC-3.4.38	Supply of 80W MV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1	No	160.00
696	ELEC-3.4.39	Supply of 80W MV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	140.00
697	ELEC-3.4.40	Supply of 125W MV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1	No	190.00
698	ELEC-3.4.41	Supply of 125W MV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1	No	170.00
699	ELEC-3.4.42	Supply of 125W MV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	150.00
700	ELEC-3.4.43	Supply of 250W MV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1	No	450.00
701	ELEC-3.4.44	Supply of 250W MV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1	No	420.00
702	ELEC-3.4.45	Supply of 250W MV Lamp with ISI mark of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	400.00
703	ELEC-3.4.46	Supply of 400W MV Lamp with ISI mark of makes Wipro / G.E. / Phillips / Osram.	1	No	640.00
704	ELEC-3.4.47	Supply of 400W MV Lamp with ISI mark of makes Crompton / Bajaj / Surya / HPL / Havells / Pierlite.	1	No	620.00
705	ELEC-3.4.48	Supply of 400W MV Lamp with ISI mark of makes Elton / Style	1	No	600.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		Lamp / Mahita Electro / Capart			
706	ELEC-3.4.49	Deleted From SOR 11-12 ELEC-3.4.49			
707	ELEC-3.4.50	Deleted From SOR 11-12 ELEC-3.4.50			
708	ELEC-3.4.51	Deleted From SOR 11-12 ELEC-3.4.51			
	<b>3.5</b>	<b>NATURE SWITCHES</b>			
709	ELEC-3.5.1	Supply of Swadep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 3 KW of single phase load.	1	No	9980.00
710	ELEC-3.5.2	Supply of Swadep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 5 KW of single phase load.	1	No	10471.00
711	ELEC-3.5.3	Supply of Swadep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 8 KW of single phase load.	1	No	11945.00
712	ELEC-3.5.4	Supply of Swadep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 5 KW of Three phase load.	1	No	11945.00
713	ELEC-3.5.5	Supply of Swadep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 8 KW of Three phase load.	1	No	12928.00
714	ELEC-3.5.6	Supply of Swadep Nature Switch or its equivalent with suitable SMC enclosure, MCBs contactor suitable to control the load of 12 KW of Three phase load.	1	No	16387.00
	<b>3.6</b>	<b>INTERNAL LUMINAIRES</b>			
715	ELEC-3.6.1	Supply of 1 x 11W Mirror light with all standard accessories diffuser of makes G.E. / Phillips / Crompton / Bajaj.	1	No	678.00
716	ELEC-3.6.2	Supply of 1 x 11W Mirror light with all standard accessories diffuser of makes Surya / Havells / HPL / Fortune Art	1	No	578.00
717	ELEC-3.6.3	Deleted From SOR 12-13 ELEC-3.6.3			
718	ELEC-3.6.4	Deleted From SOR 10-11 ELEC-3.6.4			
719	ELEC-3.6.5	Supply of 1 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with VPIT Chokes and all standard accessories of makes Crompton / Bajaj / Surya / Havells / HPL.	1	No	599.00
720	ELEC-3.6.6	Deleted From SOR 12-13 ELEC-3.6.6			
721	ELEC-3.6.7	Supply of 1 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Wipro / G.E. / Phillips / Crompton / Bajaj .	1	No	813.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
722	ELEC-3.6.8	Supply of 1 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Surya / Havells / HPL / Fortune Art	1	No	766.00
723	ELEC-3.6.9	Deleted From SOR 12-13 ELEC-3.6.9			
724	ELEC-3.6.10	Deleted From SOR 10-11 ELEC-3.6.10			
725	ELEC-3.6.11	Deleted From SOR 11-12 ELEC-3.6.11			
726	ELEC-3.6.12	Deleted From SOR 11-12 ELEC-3.6.12			
727	ELEC-3.6.13	Supply of 2 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	1222.00
728	ELEC-3.6.14	Supply of 2 x 36/40W Box type tube light luminaire powder coated CRCA sheet steel housing with Electronic Ballast Chokes and all standard accessories of makes Surya / Havells / HPL / Fortune Art	1	No	1173.00
729	ELEC-3.6.15	Deleted From SOR 12-13 ELEC-3.6.15			
730	ELEC-3.6.16	Deleted From SOR 10-11 ELEC-3.6.16			
731	ELEC-3.6.17	Supply of 1 x 36/40W Patty type tube light luminaire powder coated CRCA sheet steel housing with Copper Chokes and all standard accessories of makes Crompton / Bajaj / Surya / Havells / HPL.	1	No	273.00
732	ELEC-3.6.18	Supply of 1 x 36/40W Patty type tube light luminaire powder coated CRCA sheet steel housing with Copper Chokes and all standard accessories of makes Elton / RK / Million / Gold Medal / Vimal / Akhil.	1	No	231.00
733	ELEC-3.6.19	Deleted From SOR 10-11 ELEC-3.6.19			
734	ELEC-3.6.20	Deleted From SOR 11-12 ELEC-3.6.20			
735	ELEC-3.6.21	Deleted From SOR 11-12 ELEC-3.6.21			
736	ELEC-3.6.22	Deleted From SOR 10-11 ELEC-3.6.22			
737	ELEC-3.6.23	Deleted From SOR 11-12 ELEC-3.6.23			
738	ELEC-3.6.24	Deleted From SOR 11-12 ELEC-3.6.24			
739	ELEC-3.6.25	Deleted From SOR 10-11 ELEC-3.6.25			
740	ELEC-3.6.26	Deleted From SOR 11-12 ELEC-3.6.26			
741	ELEC-3.6.27	Deleted From SOR 11-12 ELEC-3.6.27			
742	ELEC-3.6.28	Supply of 2 x 36/40W Surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with Electronic Ballast of makes Wipro / G.E. / Phillips / Crompton.	1	No	2593.50
743	ELEC-3.6.29	Supply of 2 x 36/40W Surface / Recessed mounting mirror optic luminaire with powder coated CRCA sheet steel housing with alluminium mirror reflector and decorative end plates with Electronic Ballast, of makes Bajaj / Surya / HPL / Havells.	1	No	2369.20
744	ELEC-3.6.30	Deleted From SOR 11-12 ELEC-3.6.30			
745	ELEC-3.6.31	Deleted From SOR 10-11 ELEC-3.6.31			
746	ELEC-3.6.32	Deleted From SOR 11-12 ELEC-3.6.32			
747	ELEC-3.6.33	Deleted From SOR 11-12 ELEC-3.6.33			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
748	ELEC-3.6.34	Deleted From SOR 12-13 ELEC-3.6.34			
749	ELEC-3.6.35	Deleted From SOR 12-13 ELEC-3.6.35			
750	ELEC-3.6.36	Deleted From SOR 11-12 ELEC-3.6.36			
751	ELEC-3.6.37	Deleted From SOR 10-11 ELEC-3.6.37			
752	ELEC-3.6.38	Deleted From SOR 11-12 ELEC-3.6.38			
753	ELEC-3.6.39	Supply of 2 x 36W CFL Paralite louvre (P5) Surface / Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with Electronic Ballst of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	4218.00
754	ELEC-3.6.40	Supply of 2 x 36W CFL Paralite louvre (P5) Surface / Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with Electronic Ballst of makes Surya / Havells / HPL / Pierlite.	1	No	3347.00
755	ELEC-3.6.41	Deleted From SOR 10-11 ELEC-3.6.41			
756	ELEC-3.6.42	Deleted From SOR 11-12 ELEC-3.6.42			
757	ELEC-3.6.43	Supply of 2 x 36W CFL Direct / Indirect Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with Electronic Ballst of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	3749.00
758	ELEC-3.6.44	Supply of 2 x 36W CFL Direct / Indirect Recessed low glare Mirror Optic luminaire comprising bright anodised alluminium reflector with Electronic Ballst of makes Surya / Havells / Trinic / HPL / Pierlite.	1	No	2901.00
759	ELEC-3.6.45	Deleted From SOR 12-13 ELEC-3.6.45			
760	ELEC-3.6.46	Deleted From SOR 12-13 ELEC-3.6.46			
761	ELEC-3.6.47	Supply of 1 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with alluminium/Matt finished reflector with Electronic Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	898.00
762	ELEC-3.6.48	Supply of 1 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with alluminium/Matt finished reflector with Electronic Ballast of makes Pierlite / Surya / Havells / HPL / Fortune Art.	1	No	758.00
763	ELEC-3.6.49	Supply of 2 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with alluminium/Matt finished reflector with Electronic Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	1067.00
764	ELEC-3.6.50	Supply of 2 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with alluminium/Matt finished reflector with Electronic Ballast of makes Pierlite / Surya / Havells / HPL / Fortune Art.	1	No	1011.00
765	ELEC-3.6.51	Supply of 1 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with Electronic Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	1148.00
766	ELEC-3.6.52	Supply of 1 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with Electronic Ballast of makes Pierlite / Surya / Havells / HPL	1	No	1033.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		/ Fortune Art.			
767	ELEC-3.6.53	Supply of 2 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with Electronic Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	1472.00
768	ELEC-3.6.54	Supply of 2 x 13/18W CFL Indoor recessed mounting horizontal type down lights luminaire with Frosted glass cover reflector with Electronic Ballast of makes Pierlite / Surya / Havells / HPL / Fortune Art.	1	No	1347.00
769	ELEC-3.6.55	Deleted From SOR 12-13 ELEC-3.6.55			
770	ELEC-3.6.56	Deleted From SOR 12-13 ELEC-3.6.56			
771	ELEC-3.6.57	Supply of Recessed mounting 12V 50W adjustable Halozen down light with white colour gold shade including transformer Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	741.00
772	ELEC-3.6.58	Supply of Recessed mounting 12V 50W adjustable Halozen down light with white colour gold shade including transformer of make Pierlite / Surya / Havells / HPL / Fortune Art.	1	No	667.00
773	ELEC-3.6.59	Supply of Recessed mounting 12V 50W zoom type Halozen down light with white colour gold shade including transformer of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	978.00
774	ELEC-3.6.60	Supply of Recessed mounting 12V 50W zoom type Halozen down light with white colour gold shade including transformer of makes Surya / Havells.	1	No	878.00
775	ELEC-3.6.61	Supply of 9/13W VPIT Ballast for CFL with ISI mark of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	140.00
776	ELEC-3.6.62	Supply of 9/13W VPIT Ballast for CFL with ISI mark of makes Surya / Havells / HPL / Fortune Art.	1	No	126.00
777	ELEC-3.6.63	Supply of 9/13W VPIT Ballast for CFL with ISI mark of makes Elton / RK / Style Lamp / Mahita Electro / Capart	1	No	110.00
778	ELEC-3.6.64	Supply of 18W VPIT Ballast for CFL with ISI mark of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	140.00
779	ELEC-3.6.65	Supply of 18W VPIT Ballast for CFL with ISI mark of makes Surya / Havells / HPL / Fortune Art.	1	No	120.00
780	ELEC-3.6.66	Supply of 18W VPIT Ballast for CFL with ISI mark of makes Elton / RK / Style Lamp / Mahita Electro / Capart	1	No	110.00
781	ELEC-3.6.67	Supply of 20W Copper Wound Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	180.00
782	ELEC-3.6.68	Supply of 20W Copper Wound Ballast of makes Surya / Havells / HPL / Fortune Art	1	No	160.00
783	ELEC-3.6.69	Supply of 20W Copper Wound Ballast of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart / Million / Gold Medal / Vimal.	1	No	146.00
784	ELEC-3.6.70	Supply of 40W Copper Wound Ballast of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	180.00
785	ELEC-3.6.71	Supply of 40W Copper Wound Ballast of makes Surya / Havells / HPL / Fortune Art	1	No	160.00
786	ELEC-3.6.72	Supply of 40W Copper Wound Ballast of makes Elton / RK / Ballast Makers / Krishilite / Style Lamp / Akhil / Capart / Million	1	No	145.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		/ Gold Medal / Vimal.			
787	ELEC-3.6.73	Supply of 18/20W VPIT Ballast Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	180.00
788	ELEC-3.6.74	Supply of 18/20W VPIT Ballast Surya / Havells / HPL / Fortune Art	1	No	160.00
789	ELEC-3.6.75	Supply of 18/20W VPIT Ballast Elton / RK / Style Lamp / Mahita Electro / Capart	1	No	145.00
790	ELEC-3.6.76	Supply of 36/40W VPIT Ballast Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	210.00
791	ELEC-3.6.77	Supply of 36/40W VPIT Ballast Surya / Havells / HPL / Fortune Art	1	No	180.00
792	ELEC-3.6.78	Supply of 36/40W VPIT Ballast Elton / RK / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal.	1	No	170.00
793	ELEC-3.6.79	Supply of 40W Starter of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	11.00
794	ELEC-3.6.80	Supply of 40W Starter of makes Surya / Havells / HPL / Fortune Art	1	No	9.00
795	ELEC-3.6.81	Supply of 40W Starter of makes Elton / RK / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal.	1	No	8.00
796	ELEC-3.6.82	Supply of Rotor holder(FTL) of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	21.00
797	ELEC-3.6.83	Supply of Rotor holder(FTL) of makes Surya / Havells / HPL / Fortune Art	1	No	19.00
798	ELEC-3.6.84	Supply of Rotor holder(FTL) of makes Elton / RK / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal.	1	No	17.00
799	ELEC-3.6.85	Supply of HID Lamp holder of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	53.00
800	ELEC-3.6.86	Supply of HID Lamp holder of makes Surya / Havells / HPL / Fortune Art	1	No	48.00
801	ELEC-3.6.87	Supply of HID Lamp holder of makes Elton / RK / Style Lamp / Mahita Electro / Capart	1	No	42.00
802	ELEC-3.6.88	Supply of CFL holder of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	32.00
803	ELEC-3.6.89	Supply of CFL holder of makes Surya / Havells / HPL / Fortune Art	1	No	27.00
804	ELEC-3.6.90	Supply of CFL holder of makes Elton / RK / Style Lamp / Mahita Electro / Capart	1	No	25.00
805	ELEC-3.6.91	Supply of FTL Starter holder of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	15.00
806	ELEC-3.6.92	Supply of FTL Starter holder of makes Surya / Havells.	1	No	13.00
807	ELEC-3.6.93	Supply of FTL Starter holder of makes Elton / RK / Style Lamp / Mahita Electro / Capart / Million / Gold Medal / Vimal.	1	No	12.00
808	ELEC-3.6.94	Supply of 36W Electronic Ballast with total harmonic distortion is less than 10% for FTL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	693.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
809	ELEC-3.6.95	Supply of 36W Electronic Ballast with total harmonic distortion is less than 10% for FTL of makes Surya / HPL / Havells.	1	No	614.00
810	ELEC-3.6.96	Deleted From SOR 11-12 ELEC-3.6.96			
811	ELEC-3.6.97	Supply of 36W Electronic ballast with power factor greater than 0.9 to 0.95 suitable for FTL. Make : Crompton Model No.EBN 136D / Bajaj Model No.BJHF 136 / Havells LHBF 27904025 or its equivalent.	1	No	275.00
812	ELEC-3.6.98	Supply of 2 x 36/40W Industrial Box type tube light luminaire powder coated CRCA sheet steel housing with Reflector and Electronic ballast and all standard accessories of makes Crompton / Bajaj / Surya / HPL / Havells.	1	No	1615.00
813	ELEC-3.6.99	Supply of 4 x 14W TL 5 high efficiency recessed luminaire, epoxy powder coated CRCA sheet steel housing, low glare with electronic ballast including cost of lamps etc., complete. Makes: Phillips Model No.sereno-TBS 869 / Bajaj Model No.BTMRA 414 CAT II / Crompton Model No.CRTL414EB/S.			5310.00
814	ELEC-3.6.100	Supply of 1 x 28W surface pendent mounting T5 Luminaire Box type with CRCA housing with Electronic Ballast and all standard accessories of makes Phillips / Crompton / Bajaj / Surya / Havells.	1	No	950.00
815	ELEC-3.6.101	Supply of 1 x 28W surface pendent mounting T5 Luminaire plastic housing with integrated reflector extruded aluminium luminaire with Electronic Ballast and all standard accessories of makes Phillips / Crompton / Bajaj / Surya / Havells.	1	No	608.00
	<b>3.7</b>	<b>FLOURSCENT / CFL LAMPS</b>			
816	ELEC-3.7.1	Supply of 40W-60W Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	12.00
817	ELEC-3.7.2	Supply of 40W-60W Lamp of makes Surya / Havells / HPL / Fortune Art	1	No	11.00
818	ELEC-3.7.3	Supply of 40W-60W Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	10.00
819	ELEC-3.7.4	Supply of 100W Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	13.00
820	ELEC-3.7.5	Supply of 100W Lamp of makes Surya / Havells / HPL / Fortune Art	1	No	12.00
821	ELEC-3.7.6	Supply of 100W Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	11.00
822	ELEC-3.7.7	Supply of 40W - 60W Milky Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	14.00
823	ELEC-3.7.8	Supply of 40W - 60W Milky Lamp of makes Surya / Havells / HPL / Fortune Art	1	No	13.00
824	ELEC-3.7.9	Supply of 40W - 60W Milky Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	12.00
825	ELEC-3.7.10	Supply of Night Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	11.00
826	ELEC-3.7.11	Supply of Night Lamp of makes Surya / Havells / HPL / Fortune Art	1	No	10.00
827	ELEC-3.7.12	Supply of Night Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	9.00
828	ELEC-3.7.13	Supply of 18/20W fluorescent Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	41.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
829	ELEC-3.7.14	Supply of 18/20W fluorescent Lamp of makes Surya / Havells / HPL / Fortune Art	1	No	39.00
830	ELEC-3.7.15	Supply of 18/20W fluorescent Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	38.00
831	ELEC-3.7.16	Supply of 36/40W fluorescent Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	45.00
832	ELEC-3.7.17	Supply of 36/40W fluorescent Lamp of makes Surya / Havells / HPL / Fortune Art	1	No	40.00
833	ELEC-3.7.18	Supply of 36/40W fluorescent Lamp of makes Elton / Style Lamp / Mahita Electro / Capart	1	No	38.00
834	ELEC-3.7.19	Supply of 28W T5 Lamp of makes Crompton / Bajaj / Phillips / Surya / Havells.	1	No	120.00
835	ELEC-3.7.20	Supply of 9W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	75.00
836	ELEC-3.7.21	Supply of 9W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art	1	No	70.00
837	ELEC-3.7.22	Supply of 11W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	80.00
838	ELEC-3.7.23	Supply of 11W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art	1	No	75.00
839	ELEC-3.7.24	Supply of 13W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	105.00
840	ELEC-3.7.25	Supply of 13W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art	1	No	100.00
841	ELEC-3.7.26	Supply of 18W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	115.00
842	ELEC-3.7.27	Supply of 18W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art	1	No	110.00
843	ELEC-3.7.28	Supply of 26W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	160.00
844	ELEC-3.7.29	Supply of 26W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art	1	No	150.00
845	ELEC-3.7.30	Supply of 36W Pin type CFL Lamp of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	135.00
846	ELEC-3.7.31	Supply of 36W Pin type CFL Lamp of makes Surya / Havells / HPL / Fortune Art	1	No	130.00
847	ELEC-3.7.32	Supply of up to 5W Retrofit tiny CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	115.00
848	ELEC-3.7.33	Supply of up to 5W Retrofit tiny CFL of makes Surya / Havells / HPL / Fortune Art	1	No	110.00
849	ELEC-3.7.34	Supply of up to 8W Retrofit tiny CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	125.00
850	ELEC-3.7.35	Supply of up to 8W Retrofit tiny CFL of makes Surya / Havells / HPL / Fortune Art	1	No	120.00
851	ELEC-3.7.36	Supply of up to 10/11W Retrofit tiny CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	135.00
852	ELEC-3.7.37	Supply of up to 10/11W Retrofit tiny CFL of makes Surya / Havells / HPL / Fortune Art	1	No	130.00
853	ELEC-3.7.38	Supply of up to 13/14W Retrofit tiny CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	110.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
854	ELEC-3.7.39	Supply of up to 13/14W Retrofit tiny CFL of makes Surya / Havells / HPL / Fortune Art	1	No	100.00
855	ELEC-3.7.40	Supply of 15W Retrofit tiny CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	180.00
856	ELEC-3.7.41	Supply of 15W Retrofit tiny CFL of makes Surya / Havells / HPL / Fortune Art	1	No	150.00
857	ELEC-3.7.42	Supply of up to 18/20W Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	170.00
858	ELEC-3.7.43	Supply of up to 18/20W Retrofit CFL of makes Surya / Havells / HPL / Fortune Art	1	No	150.00
859	ELEC-3.7.44	Supply of 23W Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	200.00
860	ELEC-3.7.45	Supply of 23/25W Retrofit CFL of makes Surya / Havells / HPL / Fortune Art	1	No	180.00
861	ELEC-3.7.46	Supply of up to 25/26W Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	200.00
862	ELEC-3.7.47	Supply of up to 25/26W Retrofit CFL of makes Surya / Havells / HPL / Fortune Art	1	No	180.00
863	ELEC-3.7.48	Supply of up to 5W Non - Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	70.00
864	ELEC-3.7.49	Supply of up to 5W Non - Retrofit CFL of makes Surya / Havells / HPL / Fortune Art	1	No	65.00
865	ELEC-3.7.50	Supply of up to 7 W Non - Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	100.00
866	ELEC-3.7.51	Supply of up to 7 W Non - Retrofit CFL of makes Surya / Havells / HPL / Fortune Art	1	No	70.00
867	ELEC-3.7.52	Supply of up to 9 W Non - Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	100.00
868	ELEC-3.7.53	Supply of up to 9 W Non - Retrofit CFL of makes Surya / Havells / HPL / Fortune Art	1	No	80.00
869	ELEC-3.7.54	Supply of up to 11W Non - Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	110.00
870	ELEC-3.7.55	Supply of up to 11W Non - Retrofit CFL of makes Surya / Havells / HPL / Fortune Art	1	No	80.00
871	ELEC-3.7.56	Supply of up to 13W Non - Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	130.00
872	ELEC-3.7.57	Supply of up to 13W Non - Retrofit CFL of makes Surya / Havells / HPL / Fortune Art	1	No	115.00
873	ELEC-3.7.58	Supply of up to 18W Non - Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	125.00
874	ELEC-3.7.59	Supply of up to 18W Non - Retrofit CFL of makes Surya / Havells / HPL / Fortune Art	1	No	110.00
875	ELEC-3.7.60	Supply of up to 20W Non - Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	200.00
876	ELEC-3.7.61	Supply of up to 20W Non - Retrofit CFL of makes Surya / Havells / HPL / Fortune Art	1	No	180.00
877	ELEC-3.7.62	Supply of up to 27W Non - Retrofit CFL of makes Wipro / G.E. / Phillips / Crompton / Bajaj.	1	No	230.00
878	ELEC-3.7.63	Supply of up to 27W Non - Retrofit CFL of makes Surya / Havells / HPL / Fortune Art	1	No	210.00
	<b>3.8</b>	<b>ENERGY CONSERVING FIXTURES</b>			
879	ELEC-3.8.1	Supply of 1 x 28W Patty type powder coated energy	1	No	950.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		conserving tube light luminaire with Electronic ballast operating voltage range of 90 volts to 350 volts power factor > 0.98 current less than 130ma crest factor and total harmonic distortion shall be as per IS Specification with auto cut off at high voltage suitable for 36/40W tube with 5 years guarantee for luminaire. Makes: Phillips / Whipro / Trinic / GE.			
880	ELEC-3.8.2	Deleted From SOR 11-12 ELEC-3.8.2			
881	ELEC-3.8.3	Supply of 1 x 28W Box type powder coated energy conserving tube light luminaire with Electronic ballast operating voltage range of 90 volts to 350 volts power factor > 0.98 current less than 130ma crest factor and total harmonic distortion shall be as per IS Specification with auto cut off at high voltage suitable for 36/40W tube with 5 years guarantee for luminaire. Makes: Phillips / Whipro / Trinic / GE.	1	No	1060.00
882	ELEC-3.8.4	Deleted From SOR 11-12 ELEC-3.8.4			
883	ELEC-3.8.5	Supply of Recessed mounted mirror optic luminaire with paralite louvers (P5) suitable for 2 x 36W CFL lamps. Electronic ballast operating voltage range of 90 volts to 350 volts power factor > 0.98 current less than 130ma crest factor and total harmonic distortion shall be as per the IS Specification with auto cut off at High Voltage suitable for 36/40W tube with 5 years guarantee for luminaire. Makes: Phillips / Whipro / Trinic / GE.	1	No	4100.00
884	ELEC-3.8.6	Deleted From SOR 11-12 ELEC-3.8.6			
885	ELEC-3.8.7	Supply of 28 W Electronic Ballast with less than 10% total harmonic distortion and auto cut off at High Voltage suitable for FTL with 5 years guarantee for luminaire. Makes: Phillips / Whipro / Trinic / GE.	1	No	800.00
886	ELEC-3.8.8	Deleted From SOR 11-12 ELEC-3.8.8			
	<b>3.9</b>	<b>LED LUMINAIRES INDOOR</b>			
887	ELEC-3.9.1	Deleted From SOR 11-12 ELEC-3.9.1			
888	ELEC-3.9.2	Deleted From SOR 11-12 ELEC-3.9.2			
889	ELEC-3.9.3	Deleted From SOR 11-12 ELEC-3.9.3			
890	ELEC-3.9.4	Deleted From SOR 11-12 ELEC-3.9.4			
891	ELEC-3.9.5	Supply and Transportation of 9W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 6 Nos of 1 W LED 1 watt having efficacy of > 120 lumens/watt etc., complete. a) LUMINAIRE MAKE : Phillips / GE / Crompton / VIN / Bajaj / Havells. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	3250.00
892	ELEC-3.9.6	Supply and Transportation of 9W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 6 Nos of 1 W LED 1 watt having efficacy of > 120 lumens/watt etc., complete. a) LUMINAIRE MAKE : Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Pierlite.b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	2650.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
893	ELEC-3.9.7	Supply and Transportation of 18W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 6 Nos of 1 W LED 1 watt having efficacy of > 120 lumens/watt etc., complete. a) LUMINAIRE MAKE : Phillips / GE / Crompton / VIN / Bajaj / Havells. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	5500.00
894	ELEC-3.9.8	Supply and Transportation of 18W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 6 Nos of 1 W LED 1 watt having efficacy of > 120 lumens/watt etc., complete. a) LUMINAIRE MAKE : Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Pierlite. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	4100.00
895	ELEC-3.9.9	Supply and Transportation of 6W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 6 Nos of 1 W LED 1 watt having efficacy of > 120 lumens/watt etc., complete. a) LUMINAIRE MAKE : Phillips / GE / Crompton / VIN / Bajaj / Havells. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	2400.00
896	ELEC-3.9.10	Supply and Transportation of 6W Down lighter Recessed / Surface mounting made of diecast aluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 6 Nos of 1 W LED 1 watt having efficacy of > 120 lumens/watt etc., complete. a) LUMINAIRE MAKE : Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Pierlite. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	1980.00
897	ELEC-3.9.11	Deleted From SOR 11-12 ELEC-3.9.11			
898	ELEC-3.9.12	Deleted From SOR 11-12 ELEC-3.9.12			
899	ELEC-3.9.13	Deleted From SOR 11-12 ELEC-3.9.13			
900	ELEC-3.9.14	Deleted From SOR 11-12 ELEC-3.9.14			
901	ELEC-3.9.15	Deleted From SOR 11-12 ELEC-3.9.15			
902	ELEC-3.9.28	Supply and transportation of 18W, 1600 lumens, 1200mm length LED retrofit tube light, input voltage AC 220 - 260 Volts with >0.9 PF with inbuilt driver and frosted cover etc complete. Makes:Phillips / GE / Crompton / VIN / Bajaj.			2150.00
903	ELEC-3.9.29	Supply and transportation of 18W 1200mm length, 1600 lumens, LED retrofit tube light, input voltage AC 220 - 260 Volts with >0.9 PF with driver and frosted cover etc complete.Makes:Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Pierlite.			1850.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
904	ELEC-3.9.30	Supply and transportation of 18W, 1700 lumens, 1200mm length, T5 LED tube light fitting, input voltage AC 220 - 260 Volts with >0.9 PF with driver and frosted cover etc complete. Makes:Phillips / GE / Crompton / VIN / Bajaj.			2300.00
905	ELEC-3.9.31	Supply and transportation of 18W, 1700 lumens, 1200mm length, T5 LED tube light fitting, input voltage AC 220 - 260 Volts with >0.9 PF with driver and frosted cover etc complete. Makes:Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Pierlite.			2000.00
906	ELEC-3.9.32	Supply and Transportation of 36W Recessed / Surface slim LED panel of 600mm x 600mm made of aluminium body with acrylic diffuser, Constant current output of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LEDs having efficacy of > 90 lumens/watt, junction temperature less than 85 degrees centigrade and THD is less than 12% etc complete. a) LUMINAIRE MAKE : Phillips / GE / Crompton / VIN / Bajaj / Havells. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.			9600.00
907	ELEC-3.9.33	Supply and Transportation of 36W Recessed / Surface slim LED panel of 600mm x 600mm made of aluminium body with acrylic diffuser, Constant current output of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LEDs having efficacy of > 90 lumens/watt, junction temperature less than 85 degrees centigrade and THD is less than 12% etc complete. a) LUMINAIRE MAKE : Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Pierlite. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.			9100.00
908	ELEC-3.9.34	Supply and Transportation of 36W Recessed / Surface mounting 2' x 2' LED luminaire made of extruded aluminium body with acrylic diffuser, Constant current output of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LEDs having efficacy of > 90 lumens/watt, junction temperature less than 85 degrees centigrade and THD is less than 12% etc complete. a) LUMINAIRE MAKE : Phillips / GE / Crompton / VIN / Bajaj / Havells. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.			10500.00
909	ELEC-3.9.35	Supply and Transportation of 36W Recessed / Surface mounting 2' x 2' LED luminaire made of extruded aluminium body with acrylic diffuser, Constant current output of Driver operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power LEDs having efficacy of > 90 lumens/watt, junction temperature less than 85 degrees centigrade and THD is less than 12% etc complete.a) LUMINAIRE MAKE : Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Pierlite.b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	9300.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
910	ELEC-3.9.36	Supply and Transportation of 36W Recessed / Surface mounting 2' x 2' LED luminaire made of pressure diecast alluminium housing body with extended heat sink and moulded diffuser, high efficiency and low power loss driver, Power factor > 0.9 high power LEDs having efficacy of > 100 lumens/watt, rated life of 50000 hours etc complete GE make Mapple series or its equivalent. a) LUMINAIRE MAKE : Phillips / GE / Crompton / VIN / Bajaj / Havells. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	11600.00
911	ELEC-3.9.37	Supply and Transportation of 12W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 6 Nos of 1 W LED 1 watt having efficacy of > 120 lumens/watt etc., complete. a) LUMINAIRE MAKE : Phillips / GE / Crompton / VIN / Bajaj / Havells. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	4250.00
912	ELEC-3.9.38	Supply and Transportation of 12W Down lighter Recessed / Surface mounting made of diecast alluminium body with powder coating, acrylic diffuser with Driver, operating voltage range of 150 to 265 Volts AC, Power factor > 0.9 high power 6 Nos of 1 W LED 1 watt having efficacy of > 120 lumens/watt etc., complete. a) LUMINAIRE MAKE : Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Pierlite. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	3600.00
913	ELEC-3.9.39	Supply and transportation of 6W to 9W LED Drivers	1	No	500.00
914	ELEC-3.9.40	Supply and transportation of 12W to 18W LED Drivers	1	No	750.00
		<b>LED TYPE STREET LIGHTS</b>			
915	ELEC-3.9.16	Supply and transportation of 18W to 20W street light luminaire made of pressure diecast alluminium body with powder coated, having toughned glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED's having efficacy 100 lumens/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total harmonic destortion less than 15% at 110 Volts AC, driver efficiency >90% etc., complete.a) LUMINAIRE MAKE : Phillips / GE / Crompton / VIN / Bajaj.b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	12623.00
916	ELEC-3.9.17	Supply and transportation of 18W to 20W street light luminaire made of pressure diecast alluminium body with powder coated, having toughned glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED's having efficacy 100 lumens/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total harmonic destortion less than 15% at 110 Volts AC, driver efficiency >90% etc., complete. a) LUMINAIRE MAKE : Surya / MIC / BLU / KRIPA Lights /	1	No	10285.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		Fortune Art / SEMTRONICS / Pierlite. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.			
919	ELEC-3.9.18	Deleted From SOR 11-12 ELEC-3.9.18			
920	ELEC-3.9.19	Deleted From SOR 11-12 ELEC-3.9.19			
921	ELEC-3.9.20	Supply and transportation of 60W street light luminaire made of pressure diecast alluminium body with powder coated, having toughned glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED's having efficacy 100 lumines/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total hormonic destortion less than 15% at 110 Volts AC, driver efficiency >90% etc., complete. a) LUMINAIRE MAKE : Phillips / GE / Crompton / VIN / Bajaj. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	25000.00
922	ELEC-3.9.21	Supply and transportation of 60W street light luminaire made of pressure diecast alluminium body with powder coated, having toughned glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED's having efficacy 100 lumines/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total hormonic destortion less than 15% at 110 Volts AC, driver efficiency >90% etc., complete. a) LUMINAIRE MAKE : Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Pierlite. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	19500.00
923	ELEC-3.9.22	Supply and transportation of 90W street light luminaire made of pressure diecast alluminium body with powder coated, having toughned glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED's having efficacy 100 lumines/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total hormonic destortion less than 15% at 110 Volts AC, driver efficiency >90% etc., complete.a) LUMINAIRE MAKE : Phillips / GE / Crompton / VIN / Bajaj / Havells.b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	35000.00
924	ELEC-3.9.23	Supply and transportation of 90W street light luminaire made of pressure diecast alluminium body with powder coated, having toughned glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED's having efficacy 100 lumines/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total hormonic destortion less than 15% at 110 Volts AC, driver efficiency >90% etc., complete. a) LUMINAIRE MAKE : Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Pierlite. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	31000.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
925	ELEC-3.9.24	Supply and transportation of 120W street light luminaire made of pressure diecast aluminium body with powder coated, having toughned glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED's having efficacy 100 lumines/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total harmonic destortion less than 15% at 110 Volts AC, driver efficiency >90% etc., complete. a) LUMINAIRE MAKE : Phillips / GE / Crompton / VIN / Bajaj / Havells. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	49750.00
926	ELEC-3.9.25	Supply and transportation of 120W street light luminaire made of pressure diecast aluminium body with powder coated, having toughned glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED's having efficacy 90 lumines/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total harmonic destortion less than 15% at 110 Volts AC, driver efficiency >90% etc., complete. a) LUMINAIRE MAKE : Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Pierlite. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	41000.00
917	ELEC-3.9.26	Supply and transportation of 30W street light luminaire made of pressure diecast aluminium body with powder coated, having toughned glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED's having efficacy 100 lumines/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total harmonic destortion less than 15% at 110 Volts AC, driver efficiency >90% etc., complete.a) LUMINAIRE MAKE : Phillips / GE / Crompton / VIN / Bajaj.b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	19220.00
918	ELEC-3.9.27	Supply and transportation of 30W street light luminaire made of pressure diecast aluminium body with powder coated, having toughned glass cover input voltage range of 100 to 270 volts AC, power factor > 0.90, high power LED's having efficacy 90 lumines/watt and junction temprature < 85 degree centegrade of IP 65 with optics, total harmonic destortion less than 15% at 110 Volts AC, driver efficiency >90% etc., complete. a) LUMINAIRE MAKE : Surya / MIC / BLU / KRIPA Lights / Fortune Art / SEMTRONICS / Pierlite. b) LED MAKE : PHILIPS LUMILEDS / CREE / NICHIA / OSRAM / SAMSUNG.	1	No	13500.00
	3.10	<b>INDUCTION LUMINARIES</b>			
927		Supply and Transportation of Induction Type street light luminaire of following capacities comprises of single piece die cast Aluminium body and IP65 protection including Induction lamp and ballast etc., Complete. Make: Crompton / Bajaj / Phillips / Surya / LVD RAES.			
	ELEC-3.10.15	40W	1	No	18435.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
	ELEC-3.10.16	80W	1	No	19752.00
	ELEC-3.10.17	120W	1	No	22385.00
	ELEC-3.10.18	150W	1	No	24363.00
	ELEC-3.10.19	200W	1	No	28750.00
928		Supply and Transportation of Induction Type street light luminaire of following capacities comprises of single piece die cast Aluminium body and IP65 protection including Induction lamp and ballast etc., Complete. Make: Fortune Art / Synergy Solutions / Billion Light			
	ELEC-3.10.1	40W	1	No	16030.00
	ELEC-3.10.2	80W	1	No	17175.00
	ELEC-3.10.3	120W	1	No	19465.00
	ELEC-3.10.4	150W	1	No	21185.00
	ELEC-3.10.5	200W	1	No	25000.00
929		Supply and Transportation of Induction Type Flood light luminaire of following capacities comprises of single piece die cast Aluminium body and IP65 protection of including Induction lamp and ballast etc., Complete. Make: Crompton / Bajaj / Phillips / Surya / LVD RAES.			
	ELEC-3.10.20	40W	1	No	19780.00
	ELEC-3.10.21	80W	1	No	21045.00
	ELEC-3.10.22	120W	1	No	23690.00
	ELEC-3.10.23	150W	1	No	25645.00
	ELEC-3.10.24	200W	1	No	27600.00
	ELEC-3.10.25	2 x 200W	1	No	52670.00
930		Supply and Transportation of Induction Type Flood light luminaire of following capacities comprises of single piece die cast Aluminium body and IP65 protection of including Induction lamp and ballast etc., Complete. Make: Fortune Art / Synergy Solutions / Billion Light			
	ELEC-3.10.6	40W	1	No	17200.00
	ELEC-3.10.7	80W	1	No	18300.00
	ELEC-3.10.8	120W	1	No	20600.00
	ELEC-3.10.9	150W	1	No	22300.00
	ELEC-3.10.10	200W	1	No	24000.00
	ELEC-3.10.11	2 x 200W	1	No	45800.00
931		Supply and Transportation of Induction Type suspended type decorative high bay luminaire with polycarbonate refractor, decorative integral die cast aluminium housing with heat shrinks including Induction lamp and ballast etc., Complete. Make: Crompton / Bajaj / Phillips / Surya / LVD RAES.			
	ELEC-3.10.26	80W	1	No	17825.00
	ELEC-3.10.27	120W	1	No	20125.00
	ELEC-3.10.28	150W	1	No	22425.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
932		Supply and Transportation of Induction Type suspended type decorative high bay luminaire with polycarbonate refractor, decorative integral die cast aluminium housing with heat shrinks including Induction lamp and ballast etc., Complete. Make: Fortune Art / Synergy Solutions / Billion Light			
	ELEC-3.10.12	80W	1	No	15500.00
	ELEC-3.10.13	120W	1	No	17500.00
	ELEC-3.10.14	150W	1	No	19500.00
		<b>SECTION - 4</b>			
	<b>4.1</b>	<b>U.G. CABLES</b>			
933	ELEC-4.1.1	Supply of 4 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1	Mtr	92.00
934	ELEC-4.1.2	Supply of 4 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1	Mtr	78.00
935	ELEC-4.1.3	Supply of 4 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finocab / Delton / Payal / Gemscab / SPM.	1	Mtr	74.00
936	ELEC-4.1.4	Supply of 6 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1	Mtr	108.00
937	ELEC-4.1.5	Supply of 6 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1	Mtr	93.00
938	ELEC-4.1.6	Supply of 6 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finocab / Delton / Payal / Gemscab / SPM.	1	Mtr	87.00
939	ELEC-4.1.7	Supply of 10 Sqmm 2 Core XLPE insulated, 1100V grade armoured aluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1	Mtr	129.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
940	ELEC-4.1.8	Supply of 10 Sqmm 2 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1	Mtr	112.00
941	ELEC-4.1.9	Supply of 10 Sqmm 2 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab / SPM.	1	Mtr	104.00
942	ELEC-4.1.10	Deleted From SOR 10-11 ELEC-4.1.10			
943	ELEC-4.1.11	Deleted From SOR 10-11 ELEC-4.1.11			
944	ELEC-4.1.12	Deleted From SOR 10-11 ELEC-4.1.12			
945	ELEC-4.1.13	Supply of 6 Sqmm 4 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1	Mtr	130.00
946	ELEC-4.1.14	Supply of 6 Sqmm 4 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1	Mtr	112.00
947	ELEC-4.1.15	Supply of 6 Sqmm 4 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab / SPM.	1	Mtr	104.00
948	ELEC-4.1.16	Supply of 10 Sqmm 4 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1	Mtr	147.00
949	ELEC-4.1.17	Supply of 10 Sqmm 4 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1	Mtr	128.00
950	ELEC-4.1.18	Supply of 10 Sqmm 4 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab / SPM.	1	Mtr	118.00
951	ELEC-4.1.19	Supply of 16 Sqmm 4 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1	Mtr	162.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
952	ELEC-4.1.20	Supply of 16 Sqmm 4 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1	Mtr	140.00
953	ELEC-4.1.21	Supply of 16 Sqmm 4 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab / SPM.	1	Mtr	131.00
954	ELEC-4.1.22	Supply of 25 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1	Mtr	207.00
955	ELEC-4.1.23	Supply of 25 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1	Mtr	180.00
956	ELEC-4.1.24	Supply of 25 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab / SPM.	1	Mtr	166.00
957	ELEC-4.1.25	Supply of 35 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1	Mtr	247.00
958	ELEC-4.1.26	Supply of 35 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1	Mtr	212.00
959	ELEC-4.1.27	Supply of 35 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab / SPM.	1	Mtr	197.00
960	ELEC-4.1.28	Supply of 50 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1	Mtr	326.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
961	ELEC-4.1.29	Supply of 50 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1	Mtr	280.00
962	ELEC-4.1.30	Supply of 50 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab / SPM.	1	Mtr	261.00
963	ELEC-4.1.31	Supply of 70 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1	Mtr	421.00
964	ELEC-4.1.32	Supply of 70 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1	Mtr	363.00
965	ELEC-4.1.33	Supply of 70 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab / SPM.	1	Mtr	337.00
966	ELEC-4.1.34	Supply of 95 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1	Mtr	547.00
967	ELEC-4.1.35	Supply of 95 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1	Mtr	472.00
968	ELEC-4.1.36	Supply of 95 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab / SPM.	1	Mtr	439.00
969	ELEC-4.1.37	Supply of 120 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1	Mtr	669.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
970	ELEC-4.1.38	Supply of 120 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1	Mtr	579.00
971	ELEC-4.1.39	Supply of 120 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal / Gemscab / SPM.	1	Mtr	537.00
972	ELEC-4.1.40	Supply of 150 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1	Mtr	762.00
973	ELEC-4.1.41	Supply of 150 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Polycab / KEI / RPG / Finolex / Havells / Paragon / V-Guard / Fortune Art / Gloster/ Suncab	1	Mtr	658.00
974	ELEC-4.1.42	Supply of 150 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Finecab / Delton / Payal.	1	Mtr	613.00
975	ELEC-4.1.43	Supply of 185 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1	Mtr	934.00
976	ELEC-4.1.44	Supply of 185 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes KEI / RPG / Paragon / V-Guard / Fortune Art / Gloster.	1	Mtr	806.00
977	ELEC-4.1.45	Deleted From SOR 11-12 ELEC-4.1.45			
978	ELEC-4.1.46	Supply of 240 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1	Mtr	1185.00
979	ELEC-4.1.47	Supply of 240 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes KEI / RPG / Paragon / V-Guard / Fortune Art / Gloster.	1	Mtr	1023.00
980	ELEC-4.1.48	Deleted From SOR 11-12 ELEC-4.1.48			
981	ELEC-4.1.49	Supply of 300 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1	Mtr	1449.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
982	ELEC-4.1.50	Supply of 300 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes KEI / RPG / Paragon / V-Guard / Fortune Art / Gloster.	1	Mtr	1251.00
983	ELEC-4.1.51	Deleted From SOR 11-12 ELEC-4.1.51			
984	ELEC-4.1.52	Supply of 400 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes Torrent / Universal / CCI / Unicab.	1	Mtr	1815.00
985	ELEC-4.1.53	Supply of 400 Sqmm 3.5 Core XLPE insulated, 1100V grade armoured alluminium cable as per specification confirming to IS:7098 (Part - I) of makes KEI / RPG / Paragon / V-Guard / Fortune Art / Gloster.	1	Mtr	1568.00
986	ELEC-4.1.54	Deleted From SOR 11-12 ELEC-4.1.54			
		<b>11 KV H.T. XLPE CABLES</b>			
987	ELEC-4.1.55	Supply of 3 Core 11 KV 35 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments. Makes Torrent / Universal / CCI / Unicab.	1	No	603.00
988	ELEC-4.1.56	Supply of 3 Core 11 KV 50 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Universal / CCI / Unicab.	1	No	683.00
989	ELEC-4.1.57	Supply of 3 Core 11 KV 70 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Universal / CCI / Unicab.	1	No	816.00
990	ELEC-4.1.58	Supply of 3 Core 11 KV 95 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Universal / CCI / Unicab.	1	No	972.00
991	ELEC-4.1.59	Supply of 3 Core 11 KV 120 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Universal / CCI / Unicab.	1	No	1104.00
992	ELEC-4.1.60	Supply of 3 Core 11 KV 150 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Universal / CCI / Unicab.	1	No	1248.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
993	ELEC-4.1.61	Supply of 3 Core 11 KV 185 Sqmm HT XLPE (E) armoured Cable, as per IS specification confirming to IS 7098/II/85 with latest ammendments.Makes Torrent / Universal / CCI / Unicab.	1	No	1475.00
	<b>4.2</b>	<b>CABLE GLANDS</b>			
994	ELEC-4.2.1	Deleted From SOR 10-11 ELEC-4.2.1			
995	ELEC-4.2.2	Deleted From SOR 10-11 ELEC-4.2.2			
996	ELEC-4.2.3	Deleted From SOR 10-11 ELEC-4.2.3			
997	ELEC-4.2.4	Deleted From SOR 10-11 ELEC-4.2.4			
998	ELEC-4.2.5	Deleted From SOR 10-11 ELEC-4.2.5			
999	ELEC-4.2.6	Deleted From SOR 10-11 ELEC-4.2.6			
1000	ELEC-4.2.7	Deleted From SOR 10-11 ELEC-4.2.7			
1001	ELEC-4.2.8	Deleted From SOR 10-11 ELEC-4.2.8			
1002	ELEC-4.2.9	Deleted From SOR 10-11 ELEC-4.2.9			
1003	ELEC-4.2.10	Supply and Fixing of Single compression brass cable glands for 3.5 core XLPE armoured cable for 185Sqmm with brass washers complete.	1	No	327.00
1004	ELEC-4.2.11	Supply and Fixing of Single compression brass cable glands for 3.5 core XLPE armoured cable for 240Sqmm with brass washers complete.	1	No	491.00
1005	ELEC-4.2.12	Supply and Fixing of Single compression brass cable glands for 3.5 core XLPE armoured cable for 300Sqmm with brass washers complete.	1	No	578.00
1006	ELEC-4.2.13	Supply and Fixing of Single compression brass cable glands for 3.5 core XLPE armoured cable for 400Sqmm with brass washers complete.	1	No	654.00
1007	ELEC-4.2.14	Supply and Fixing of single compression brass cable glands for 4 core XLPE armoured cable up to 16.0 Sq.mm with brass washers complete.	1	No	94.00
1008	ELEC-4.2.15	Supply and Fixing of single compression brass cable glands for 3.5 core XLPE armoured cable from 25 Sqmm to 50.0 Sq.mm with brass washers complete.	1	No	138.00
1009	ELEC-4.2.16	Supply and Fixing of Single compression brass cable glands for 3.5 core XLPE armoured cable from 70 Sqmm to 150.0 Sq.mm with brass washers complete.	1	No	264.00
	<b>4.3</b>	<b>LUGS</b>			
1010	ELEC-4.3.1	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable upto 16 Sq.mm including nuts and bolts with connections.	1	No	22.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1011	ELEC-4.3.2	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 25 Sq.mm including nuts and bolts with connections.	1	No	30.00
1012	ELEC-4.3.3	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 35 Sq.mm including nuts and bolts with connections.	1	No	33.00
1013	ELEC-4.3.4	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 50 Sq.mm including nuts and bolts with connections.	1	No	40.00
1014	ELEC-4.3.5	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 70 Sq.mm including nuts and bolts with connections.	1	No	55.00
1015	ELEC-4.3.6	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 95 Sq.mm including nuts and bolts with connections.	1	No	65.00
1016	ELEC-4.3.7	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 120 Sq.mm including nuts and bolts with connections.	1	No	88.00
1017	ELEC-4.3.8	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 150 Sq.mm including nuts and bolts with connections.	1	No	104.00
1018	ELEC-4.3.9	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 185 Sq.mm including nuts and bolts with connections.	1	No	149.00
1019	ELEC-4.3.10	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 240 Sq.mm including nuts and bolts with connections.	1	No	215.00
1020	ELEC-4.3.11	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 300 Sq.mm including nuts and bolts with connections.	1	No	284.00
1021	ELEC-4.3.12	Supply and fixing of crimping type copper lugs confirming to I.S specifications for cable of 400 Sq.mm including nuts and bolts with connections.	1	No	418.00
1022	ELEC-4.3.13	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable upto 16 Sq.mm including nuts and bolts with connections.	1	No	12.00
1023	ELEC-4.3.14	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 25 Sq.mm including nuts and bolts with connections.	1	No	14.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1024	ELEC-4.3.15	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 35 Sq.mm including nuts and bolts with connections.	1	No	17.00
1025	ELEC-4.3.16	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 50 Sq.mm including nuts and bolts with connections.	1	No	20.00
1026	ELEC-4.3.17	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 70 Sq.mm including nuts and bolts with connections.	1	No	25.00
1027	ELEC-4.3.18	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 95 Sq.mm including nuts and bolts with connections.	1	No	27.00
1028	ELEC-4.3.19	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 120 Sq.mm including nuts and bolts with connections.	1	No	35.00
1029	ELEC-4.3.20	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 150 Sq.mm including nuts and bolts with connections.	1	No	40.00
1030	ELEC-4.3.21	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 185 Sq.mm including nuts and bolts with connections.	1	No	46.00
1031	ELEC-4.3.22	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 240 Sq.mm including nuts and bolts with connections.	1	No	71.00
1032	ELEC-4.3.23	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 300 Sq.mm including nuts and bolts with connections.	1	No	92.00
1033	ELEC-4.3.24	Supply and fixing of crimping type aluminium lugs confirming to I.S specifications for cable of 400 Sq.mm including nuts and bolts with connections.	1	No	119.00
	<b>4.4</b>	<b>CABLE JOINTS</b>			
1034	ELEC-4.4.1	Deleted From SOR 10-11 ELEC-4.4.1			
1035	ELEC-4.4.2	Deleted From SOR 10-11 ELEC-4.4.2			
1036	ELEC-4.4.3	Deleted From SOR 10-11 ELEC-4.4.3			
1037	ELEC-4.4.4	Deleted From SOR 10-11 ELEC-4.4.4			
1038	ELEC-4.4.5	Deleted From SOR 10-11 ELEC-4.4.5			
1039	ELEC-4.4.6	Deleted From SOR 10-11 ELEC-4.4.6			
1040	ELEC-4.4.7	Deleted From SOR 10-11 ELEC-4.4.7			
1041	ELEC-4.4.8	Deleted From SOR 10-11 ELEC-4.4.8			
1042	ELEC-4.4.9	Deleted From SOR 10-11 ELEC-4.4.9			
1043	ELEC-4.4.10	Deleted From SOR 10-11 ELEC-4.4.10			
1044	ELEC-4.4.11	Deleted From SOR 10-11 ELEC-4.4.11			
1045	ELEC-4.4.12	Deleted From SOR 10-11 ELEC-4.4.12			
1046	ELEC-4.4.13	Deleted From SOR 10-11 ELEC-4.4.13			
1047	ELEC-4.4.14	Deleted From SOR 10-11 ELEC-4.4.14			
1048	ELEC-4.4.15	Deleted From SOR 10-11 ELEC-4.4.15			
		<b>HEAT SHRINKABLE LT CABLE JOINTS</b>			
1049	ELEC-4.4.16	Supply of heat shrinkable straight through joint Indoor / Out door for L.T. XLPE Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials complete for 10 to 16 Sqmm. Makes Raychem / M Seal / Denson / Multy.	1	No	1300.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1050	ELEC-4.4.17	Supply of heat shrinkable straight through joint Indoor / Out door for L.T. XLPE Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials complete for 25 to 50 Sqmm. Makes Raychem / M Seal / Denson / Multy.	1	No	1545.00
1051	ELEC-4.4.18	Supply of heat shrinkable straight through joint Indoor / Out door for L.T. XLPE Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials complete for 70 to 185 Sqmm. Makes Raychem / M Seal / Denson / Multy.	1	No	2230.00
1052	ELEC-4.4.19	Supply and erecting heat shrinkable straight through joint Indoor / Out door for L.T. XLPE Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials and all labour charges etc., complete for 240 to 300 Sqmm. Makes Raychem / M Seal / Denson / Multy.	1	No	4000.00
1053	ELEC-4.4.20	Supply of heat shrinkable straight through joint Indoor / Out door for L.T. XLPE Armoured 1100V grade cable complete with necessary accessories and suitable clamps including cost and conveyance of materials complete for 400 Sqmm. Makes: Raychem / M Seal / Denson / Multy.	1	No	5425.00
		<b>3 CORE 11 KV HT CABLE STRAIGHT THROUGH JOINTS</b>			
1054	ELEC-4.4.21	Providing and erecting heat shrinkable straight through joint out door / indoor for H.T, XLPE Insulated armoured cable 11000V grade complete with necessary accessories and suitable clamps duly erected and connected to the supply for the following multi core cables including cost and conveyance of materials and all labour charges etc., complete for 16 to 35Sqmm.Makes Raychem / M Seal / Denson / Multy.	1	No	15070.00
1055	ELEC-4.4.22	Providing and erecting heat shrinkable straight through joint out door / indoor for H.T, XLPE Insulated armoured cable 11000V grade complete with necessary accessories and suitable clamps duly erected and connected to the supply for the following multi core cables including cost and conveyance of materials and all labour charges etc., complete for 50 to 95Sqmm.Makes Raychem / M Seal / Denson / Multy.	1	No	18095.00
1056	ELEC-4.4.23	Providing and erecting heat shrinkable straight through joint out door / indoor for H.T, XLPE Insulated armoured cable 11000V grade complete with necessary accessories and suitable clamps duly erected and connected to the supply for the following multi core cables including cost and conveyance of materials and all labour charges etc., complete for 120 to 185Sqmm.Makes Raychem / M Seal / Denson / Multy.	1	No	23018.00
		<b>HT END TERMINATION KITS</b>			
1057	ELEC-4.4.24	Providing and erecting heat shrinkable indoor termination kit for 11 KV XLPE HT cable 3 core 70 Sqmm with necessary materials etc., complete.Makes Raychem / M Seal / Denson / Multy.	1	No	8211.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1058	ELEC-4.4.25	Providing and erecting heat shrinkable indoor termination kit for 11 KV XLPE HT cable 3 core 120 Sqmm with necessary materials etc., complete.Makes Raychem / M Seal / Denson / Multy.	1	No	8321.00
1059	ELEC-4.4.26	Providing and erecting heat shrinkable indoor termination kit for 11 KV XLPE HT cable 3 core 150 Sqmm with necessary materials etc., complete.Makes Raychem / M Seal / Denson / Multy.	1	No	8925.00
1060	ELEC-4.4.27	Providing and erecting heat shrinkable outdoor termination kit for 11 KV XLPE HT cable 3 core 70 Sqmm with necessary materials etc., complete.Makes Raychem / M Seal / Denson / Multy.	1	No	12452.00
1061	ELEC-4.4.28	Providing and erecting heat shrinkable outdoor termination kit for 11 KV XLPE HT cable 3 core 120 Sqmm with necessary materials etc., complete.Makes Raychem / M Seal / Denson / Multy.	1	No	12562.00
1062	ELEC-4.4.29	Providing and erecting heat shrinkable outdoor termination kit for 11 KV XLPE HT cable 3 core 150 Sqmm with necessary materials etc., complete.Makes Raychem / M Seal / Denson / Multy.	1	No	13750.00
	<b>4.5</b>	<b>DOUBLE WALLED CORRUGATED HDPE PIPE</b>			
1063	ELEC-4.5.1	Supply and Transportation of Outer dia 50mm and Inner dia 38mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make.	1	Mtr	97.00
1064	ELEC-4.5.2	Supply and Transportation of Outer dia 63mm and Inner dia 51mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make.	1	Mtr	124.00
1065	ELEC-4.5.3	Supply and Transportation of Outer dia 78mm and Inner dia 63mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make.	1	Mtr	152.00
1066	ELEC-4.5.4	Supply and Transportation of Outer dia 90mm and Inner dia 76mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make.	1	Mtr	163.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1067	ELEC-4.5.5	Supply and Transportation of Outer dia 120mm and Inner dia 103.50mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make.	1	Mtr	254.00
1068	ELEC-4.5.6	Supply and Transportation of Outer dia 160mm and Inner dia 136mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make.	1	Mtr	376.00
1069	ELEC-4.5.7	Supply and Transportation of Outer dia 180mm and Inner dia 152mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make.	1	Mtr	494.00
1070	ELEC-4.5.8	Supply and Transportation of Outer dia 200mm and Inner dia 170mm double walled corrugated HDPE duct made as per specification BSEN - 500 86/IS 14930 Part-II. Makes:DURA LINE (Dura Guard) or its equivalent make.	1	Mtr	576.00
	<b>4.6</b>	<b>CABLE TRAYS</b>			
1071	ELEC-4.6.1	Supply and Installation of 600mm x 75mm x 2mm thick hot dip GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete.	1	Mtr	1300.00
1072	ELEC-4.6.2	Supply and Installation of 600mm x 50mm x 2mm thick GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete.	1	Mtr	960.00
1073	ELEC-4.6.3	Supply and Installation of 450mm x 50mm x 2mm thick GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete.	1	Mtr	845.00
1074	ELEC-4.6.4	Supply and Installation of 300mm x 50mm x 2mm thick GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete.	1	Mtr	725.00
1075	ELEC-4.6.5	Deleted From SOR 12-13 ELEC-4.6.5			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1076	ELEC-4.6.6	Deleted From SOR 12-13 ELEC-4.6.6			
1077	ELEC-4.6.7	Deleted From SOR 12-13 ELEC-4.6.7			
1078	ELEC-4.6.8	Deleted From SOR 12-13 ELEC-4.6.8			
1079	ELEC-4.6.9	Supply and Installation of 150mm x 50mm x 2mm thick GI perforated cable tray with cover along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete.	1	Mtr	400.00
1080	ELEC-4.6.10	Supply and Installation of 150mm x 50mm x 2mm thick GI Ladder type cable tray along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete.	1	Mtr	200.00
1081	ELEC-4.6.11	Supply and Installation of 300mm x 50mm x 2mm thick GI Ladder type cable tray along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete.	1	Mtr	300.00
1082	ELEC-4.6.12	Supply and Installation of 600mm x 75mm x 2mm thick GI Ladder type cable tray along with required angle supports, with coupler plates, Anchor bolts and nuts etc complete and the tray should be fitted on the wall / Ceiling etc. complete.	1	Mtr	550.00
1083		Note: Perforated cable trays provided without cover 30% may be deducted from above rates.			
		<b>SECTION - 5</b>			
	<b>5.1</b>	<b>FANS</b>			
1084	ELEC-5.1.1	Supply of 48" (1200mm) Sweep <b>ISI mark</b> Ceiling Fan as per IS 374 - 1979 and, with double ball bearings but without Regulator of makes Crompton / Bajaj Kassels 50 / Usha atom	1	No	1600.00
1085	ELEC-5.1.2	Supply of 48" (1200mm) Sweep ISI mark as per IS 374 - 1979 and <b>5 Star rated</b> Ceiling Fan, with double ball bearings but without Regulator of makes Crompton High Speed Plus / Bajaj Electra 50 / Orient Energy Star / Havells ES 50.	1	No	1825.00
1086	ELEC-5.1.3	Supply of 48" (1200mm) Sweep <b>5 Star rated</b> Ceiling Fan without Regulator of makes Crompton High Speed Decora / Bajaj Regal star / Havells Fusion 50 / Orient Summer Crown / Usha technix decorative	1	No	2020.00
1087	ELEC-5.1.4	Supply of 56" (1400mm) Sweep <b>ISI mark</b> Ceiling Fan as per IS 374 - 1979 and, with double ball bearings but without Regulator of makes Crompton / Bajaj Kassels 50 / Usha atom	1	No	1675.00
1088	ELEC-5.1.5	Supply of 56" (1400mm) Sweep <b>4/5 Star rated</b> Ceiling Fan without Regulator of makes Crompton / Bajaj Elegance Star / Usha / Havells.	1	No	2160.00
1089	ELEC-5.1.6	Deleted From SOR 11-12 ELEC-5.1.6			
1090	ELEC-5.1.7	Supply of 16" (400mm) Wall mounted Fan of makes Crompton SDX Gold / Bajaj Elite / Havells Swing Premia gold / Usha /	1	No	2352.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		Orient Wall 43.			
1091	ELEC-5.1.8	Supply of 16" (400mm) Pedestal Fan of makes Crompton SDX Gold / Bajaj Spectrum / Havells Swing Remote / Usha / Orient.	1	No	2714.00
1092	ELEC-5.1.9	Supply of 18" (450mm) Wall mounting / Pedestal Air Circulators of makes Crompton / Havells Turbo Force / Orient / Almounard.	1	No	6000.00
1093	ELEC-5.1.10	Supply of 24" (600mm) Wall mounting / Pedestal Air Circulators of makes Crompton / Havells Turbo Force / Almounard.	1	No	6600.00
1094	ELEC-5.1.11	Supply of 12" (300mm) Cabin fan of makes Crompton / Havells ciera / Orient AP12.	1	No	1550.00
1095	ELEC-5.1.12	Supply of 12" (300mm) Light duty exhaust fan with wire guard etc complete of makes Crompton / Bajaj Bahar WG / Havells Ventil Air-DB / Orient hill air.	1	No	1350.00
1096	ELEC-5.1.13	Supply of 9" (225mm), Light duty exhaust fan with double ball bearing and wire guard etc complete of makes Crompton / Bajaj Bahar WG / Havells Ventil Air-DS / Orient hill air.	1	No	1265.00
1097	ELEC-5.1.14	Supply of 12" (300mm) ISI, 900 RPM Heavy duty exhaust fan with metallic blades with Mark of makes Crompton / Almounard / Havells Turbo Force.	1	No	2645.00
1098	ELEC-5.1.15	Supply of 15" (375mm) ISI, 900 RPM Heavy duty exhaust fan with metallic blades with Mark of makes Crompton / Almounard / Havells Turbo Force	1	No	3220.00
1099	ELEC-5.1.16	Supply of 18" (450mm) ISI, 900 RPM Heavy duty exhaust fan with metallic blades with Mark of makes Crompton / Almounard / Havells Turbo Force	1	No	4100.00
	<b>5.2</b>	<b>WATER HEATERS</b>			
1100	ELEC-5.2.1	Supply, Transportation and fixing of storage / Pressure type Vertical / Horizontal 230/250V single phase 2000watts ISI mark 5 Star rated water heater with SS tank and ABS plastic body of 15 Ltrs capacity to withstand up to 6.5 bar of water pressure including all standard accessories and dead weight pressure reducing valve on out let side, including cost of 2 Nos nylon / PVC / Metallic hose pipe, testing and all labour charges etc., complete. Makes: makes Crompton model No. solarium plus SWH 725, Class 1 rated or its equivalent make of Bajaj / Venus / Racold / Usha.	1	No	8444.00
1101	ELEC-5.2.2	Supply, Transportation and fixing of storage / Pressure type Vertical / Horizontal 230/250V single phase 2000watts ISI mark 5 Star rated water heater with SS tank and ABS plastic body of 25 Ltrs capacity to withstand up to 6.5 bar of water pressure including all standard accessories and dead weight pressure reducing valve on out let side, including cost of 2 Nos nylon / PVC / Metallic hose pipe, testing and all labour charges etc., complete. Makes: makes Crompton model No. solarium plus SWH 725, Class 1 rated or its equivalent make of Bajaj / Venus / Racold / Usha.	1	No	9941.00
1102	ELEC-5.2.3	Deleted From SOR 11-12 ELEC-5.2.3			
1103	ELEC-5.2.4	Deleted From SOR 11-12 ELEC-5.2.4			
	<b>5.3</b>	<b>ACCESSORIES FOR WATER HEATERS</b>			
1104	ELEC-5.3.1	Heating element of 1.5 / 2.0 / 3.0 KW.	1	No	363.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1105	ELEC-5.3.2	Supply of thermostat with range 30 <sup>0</sup> to 90 <sup>0</sup> C.Adjustable and suitable for 25 to 50 Ltrs. Capacity.	1	No	250.00
1106	ELEC-5.3.3	Supply of pressure release valve for water heater of 15 to 50 Ltrs.capacity.	1	No	250.00
1107	ELEC-5.3.4	Flexible Nylon / PVC Metallic hose pipe	1	No	150.00
	<b>5.4</b>	<b>ACCESSORIES FOR MOTORS</b>			
1108	ELEC-5.4.1	Supply & Fixing of D.O.L Starter 250V, Single phase, 50Hz. With SS enclouser comprising of contactor with bi-metalic relay with necessary push buttons, etc., complete. Makes: Siemens / Crompton / L&T.	1	No	780.00
1109	ELEC-5.4.2	Supply & Fixing of D.O.L Starter 415V, 3 phase, 50Hz.. enclosed with no volt coil and overload protection with necessary materials, etc., complete suitable upto 7.5.HP. Makes: Siemens / Crompton / L&T.	1	No	1450.00
1110	ELEC-5.4.3	Deleted From SOR 11-12 ELEC-5.4.3			
1111	ELEC-5.4.4	Deleted From SOR 11-12 ELEC-5.4.4			
1112	ELEC-5.4.5	Deleted From SOR 11-12 ELEC-5.4.5			
1113	ELEC-5.4.6	Deleted From SOR 11-12 ELEC-5.4.6			
1114	ELEC-5.4.7	Deleted From SOR 11-12 ELEC-5.4.7			
1115	ELEC-5.4.8	Motor Cover made with GI sheet of 18SWG for protection from rain complete.	1	No	60.00
1116	ELEC-5.4.39	Supply & Fixing of D.O.L Starter 415V, 3 phase, 50Hz.. enclosed with no volt coil, overload protection and single phase preventor , etc., complete suitable upto 10.0.HP. Makes: Siemens / Crompton / L&T.	1	No	2490.00
		<b>SINGLE PHASE SUBMERSIBLE MOTOR PUMP SETS</b>			
1117	ELEC-5.4.9	Supply and Transportation of 0.75HP 8 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	14000.00
1118	ELEC-5.4.10	Supply and Transportation of 1.00HP 10 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	16000.00
1119	ELEC-5.4.11	Supply and Transportation of 1.00HP 15 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	16500.00
1120	ELEC-5.4.12	Supply and Transportation of 1.50HP 21 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	20000.00
1121	ELEC-5.4.13	Supply and Transportation of 2.00HP 25 Stage single phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	24000.00
		<b>THREE PHASE SUBMERSIBLE MOTOR PUMP SETS.</b>			
1122	ELEC-5.4.14	Supply and Transportation of 3.00HP 20-23 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	22500.00
1123	ELEC-5.4.15	Deleted From SOR 12-13 ELEC-5.4.15			
1124	ELEC-5.4.16	Supply and Transportation of 3.00HP 30- 33 Stage Three phase	1	No	27000.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha / Nethra / Flowell.			
1125	ELEC-5.4.17	Supply and Transportation of 5.00HP 30 - 35 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha/ Nethra / Flowell.	1	No	29500.00
1126	ELEC-5.4.18	Supply and Transportation of 5.00HP 40 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha/ Nethra / Flowell.	1	No	32500.00
1127	ELEC-5.4.19	Supply and Transportation of 5.00HP 50 Stage Three phase ISI submersible motor pumpset suitable for 4" Bore well. Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha/ Nethra / Flowell.	1	No	36000.00
1128	ELEC-5.4.20	Deleted From SOR 12-13 ELEC-5.4.20			
1129	ELEC-5.4.21	Deleted From SOR 12-13 ELEC-5.4.21			
1130	ELEC-5.4.22	Deleted From SOR 12-13 ELEC-5.4.22			
		<b>SINGLE PHASE OPEN WELL SUBMERSIBLE MOTOR PUMP SETS.</b>			
1131	ELEC-5.4.23	Supply and Transportation of 1.00HP Single phase open well ISI submersible motor pumpset. Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	11000.00
1132	ELEC-5.4.24	Supply and Transportation of 1.50HP Single phase open well ISI submersible motor pumpset. Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	12500.00
1133	ELEC-5.4.25	Supply and Transportation of 3.00HP Single phase open well ISI submersible motor pumpset. Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	17000.00
		<b>THREE PHASE OPEN WELL SUBMERSIBLE PUMP SETS.</b>			
1134	ELEC-5.4.26	Supply and Transportation of 3.00HP Three phase open well ISI submersible motor pumpset.(65x50) Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	17000.00
1135	ELEC-5.4.27	Supply and Transportation of 5.00HP Three phase open well ISI submersible motor pumpset.(75x65) Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	21000.00
1136	ELEC-5.4.28	Supply and Transportation of 7.50HP Three phase open well ISI submersible motor pumpset.(100x75) Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	25000.00
1137	ELEC-5.4.40	Supply and Transportation of 10.00HP Three phase open well ISI submersible motor pumpset.(100x75) Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	32000.00
		<b>SINGLE PHASE MONO BLOCK MOTOR PUMP SETS.</b>			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1138	ELEC-5.4.29	Supply and Transportation of 0.5HP Single phase ISI Mono block CI body motor pumpset (25x25mm). Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	4900.00
1139	ELEC-5.4.30	Supply and Transportation of 1.0HP Single phase ISI Mono block CI body motor pumpset (25x25mm). Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	7100.00
1140	ELEC-5.4.31	Supply and Transportation of 1.5HP Single phase ISI Mono block CI body motor pumpset (32x25mm). Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	9500.00
1141	ELEC-5.4.41	Supply and Transportation of 1.02HP Single phase ISI self priming Mono block IP44 motor pumpset (40x40mm). Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	12000.00
1142	ELEC-5.4.42	Supply and Transportation of 2.00HP Three phase ISI self priming Mono block IP44 motor pumpset (40x40mm). Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	14000.00
1143	ELEC-5.4.43	Supply and Transportation of 3.00HP Three phase ISI self priming Mono block IP44 motor pumpset (50x50mm). Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	19000.00
1144	ELEC-5.4.44	Supply and Transportation of 5.00HP Three phase ISI self priming Mono block IP44 motor pumpset (80x80mm). Makes: Kirloskar / Crompton / CRI / KSB / Texmo / Aryan Varsha.	1	No	23000.00
		<b>CONTROL PANEL BOARD FOR MOTORS</b>			
1145	ELEC-5.4.32	Supply and Transportation of control panel for single phase submersible motors up to 3 HP @ 220V 50Hz operating range between 80 to 240V including supply and fixing of Direct - on - Line LTLK / SIEMENS / CROMPTON make Volt meter and Ammeter with starting and running capacitors assembled with ISI mark contactors and fitted with Legrand make ISI mark MCB etc., complete.	1	No	4800.00
1146	ELEC-5.4.45	Deleted From SOR 12-13 ELEC-5.4.45			
1147	ELEC-5.4.33	Deleted From SOR 11-12 ELEC-5.4.33			
1148	ELEC-5.4.34	Deleted From SOR 11-12 ELEC-5.4.34			
1149	ELEC-5.4.35	Deleted From SOR 11-12 ELEC-5.4.35			
1150	ELEC-5.4.36	Deleted From SOR 11-12 ELEC-5.4.36			
1151	ELEC-5.4.37	Deleted From SOR 11-12 ELEC-5.4.37			
1152	ELEC-5.4.38	Deleted From SOR 11-12 ELEC-5.4.38			
	<b>5.5</b>	<b>REPAIRS TO AIR CONDITIONERS</b>			
1153	ELEC-5.5.1	Supply, Fabrication of 1set MS bracket suitable for fixing out door unit of split AC unit.	1	Set	1000.00
1154	ELEC-5.5.2	Providing 2 runs of Copper tubes for suction and <b>liquid</b> between indoor and outdoor unit for split/Casseete Air-Conditioner including foaming etc., complete. <b>1. 3/4" x 3/8"</b> <b>2. 5/8" x 1/4"</b> <b>3. 1/2" x 1/4"</b>	1	Mtr	1000.00
1155	ELEC-5.5.3	Supply of 1.0 / 1.5 Ton brand new Rotary type sealed compressor.	1	No	8150.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1156	ELEC-5.5.4	Supply of 2.0 Ton brand new Rotary type sealed compressor.	1	No	9250.00
1157	ELEC-5.5.5	Multi speed Fan Motor suitable for 1.0 / 1.5 / 2.0 Ton Window A.C.Unit of makes Crompton / AU.	1	No	1590.00
1158	ELEC-5.5.6	Fan motor capacitor 6 mfd by new capacitor for A.C machine of 1.0 1.5 / Ton Capacity.	1	No	156.00
1159	ELEC-5.5.7	Thermostat switch suitable for 1.0 / 1.5 / 2.0 Ton A.C.Unit.	1	No	410.00
1160	ELEC-5.5.8	Starting capacitor of 80 to 120 mfd. by new approved make capacitor suitable for compressor motor of 1.0 / 1.5 Ton A.C. Unit.	1	No	180.00
1161	ELEC-5.5.9	Running capacitor of 36 mfd by new approved make capacitor suitable for compressor motor of 1.0 / 1.5 Ton A.C.Unit.	1	No	220.00
1162	ELEC-5.5.10	Relay by approved make having pickup voltage 220 Volts and dropout voltage 120 Volts suitable for 1.0 / 1.50 Ton A.C. Unit.	1	No	225.00
1163	ELEC-5.5.11	Filter and capillary tube including welding etc., complete for 1.0 / 1.5 / 2.0 Ton A.C.Unit.	1	No	485.00
1164	ELEC-5.5.12	Air filter suitable for 1.50 Ton Window A.C.Unit P.V.C. / NYLON.	1	No	225.00
1165	ELEC-5.5.13	Air filter suitable for 1.50 Ton Split A.C.Unit P.V.C. / NYLON.	1	No	475.00
1166	ELEC-5.5.14	Rewiring the entire Window type 1.50 Ton A.C.unit with 2.5 Sq.mm Flexible copper cable and putting the same in working conditions.	1	No	325.00
1167	ELEC-5.5.15	Overhauling and servicing the Window type 1.0 / 1.5 Ton A.C. Machine by Cleaning the condensor cooling Coil etc., by blower and oiling the Fan Motor and Cleaning all parts and putting the machine in working condition.	1	No	350.00
1168	ELEC-5.5.16	Fan blade for 1.0 / 1.5 Ton A.C.Machine.	1	No	560.00
1169	ELEC-5.5.17	Grill of 1.0 / 1.5 ton A.C. Machine (for assembled Units).	1	No	427.00
1170	ELEC-5.5.18	Grill of 1.0 / 1.5 ton A.C. Machine of branded units.	1	No	1700.00
1171	ELEC-5.5.19	Rotary / Selector switch by new one.	1	No	115.00
1172	ELEC-5.5.20	Flushing the line, leak testing, leak stopping, vaccumming, dehydrating and charging the gas in the refrigeration system for 1.0/ 1.5 /2.0 Ton Window A.C.Unit.	1	No	1500.00
1173	ELEC-5.5.21	Flushing the line, leak testing, leak stopping, vaccumming, dehydrating and charging the gas in the refrigeration system for 1.5 /2.0 Ton Split A.C.Unit.	1	No	2100.00
1174	ELEC-5.5.22	Spray painting of Refrigerator using good quality paint after scraping the surface etc.	1	No	720.00
1175	ELEC-5.5.23	New sealed compressor of 1/8 HP suitable for 165 to 185 Ltrs. Capacity Refrigerator.	1	No	3100.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1176	ELEC-5.5.24	Sealed compressor of 1/6 HP suitable for 285 / 310 Ltrs. Capacity Refrigerator.	1	No	3750.00
1177	ELEC-5.5.25	Supply of fan motor by new 1/10 to 1/12 H.P 1250 RPM fan motor for Water Cooler of 80-150 Ltrs.	1	No	1590.00
1178	ELEC-5.5.26	Bush for fan motor of 80-150 Lts.	1	No	125.00
1179	ELEC-5.5.27	Deleted From SOR 12-13 ELEC-5.5.27			
1180	ELEC-5.5.28	Deleted From SOR 12-13 ELEC-5.5.28			
1181	ELEC-5.5.29	Resistance type regulator for ceiling fans 900/1200/1400mm sweep complete erected on existing board.	1	No	40.00
1182	ELEC-5.5.30	Installation of Split Air Conditioners.	1	No	1500.00
1183	ELEC-5.5.31	Removing of existing Split Air Conditioners without damaging to copper pipe.	1	No	400.00
1184	ELEC-5.5.32	Deleted From SOR 11-12 ELEC-5.5.32			
1185	ELEC-5.5.33	Deleted From SOR 11-12 ELEC-5.5.33			
1186	ELEC-5.5.34	Deleted From SOR 11-12 ELEC-5.5.34			
1187	ELEC-5.5.35	Deleted From SOR 11-12 ELEC-5.5.35			
1188	ELEC-5.5.36	Deleted From SOR 11-12 ELEC-5.5.36			
1189	ELEC-5.5.37	Deleted From SOR 11-12 ELEC-5.5.37			
1190	ELEC-5.5.38	Deleted From SOR 11-12 ELEC-5.5.38			
1191	ELEC-5.5.39	Deleted From SOR 11-12 ELEC-5.5.39			
1192	ELEC-5.5.40	Deleted From SOR 11-12 ELEC-5.5.40			
1193	ELEC-5.5.41	Deleted From SOR 11-12 ELEC-5.5.41			
1194	ELEC-5.5.42	Deleted From SOR 11-12 ELEC-5.5.42			
1195	ELEC-5.5.43	Deleted From SOR 11-12 ELEC-5.5.43			
1196	ELEC-5.5.44	Deleted From SOR 11-12 ELEC-5.5.44			
1197	ELEC-5.5.45	Deleted From SOR 11-12 ELEC-5.5.45			
1198	ELEC-5.5.56	Installation of Cassette type Split Air Conditioners.	1	No	3000.00
1199	ELEC-5.5.57	Installation of Tower type Split Air Conditioners.	1	No	2500.00
1200	ELEC-5.5.89	Supply, Fabrication of 1set MS bracket suitable for fixing out door unit of Casseete AC unit.	1	Set	2000.00
1201	ELEC-5.5.90	Providing 2 runs of Copper tubes for suction and <b>liquid</b> between indoor and outdoor unit for split/Casseete Air-Conditioner including foaming etc., complete. <b>1.7/8" x 1/2"</b>	1	Mtr	1500.00
1202	ELEC-5.5.91	Providing 2 runs of Copper tubes for suction and <b>liquid</b> between indoor and outdoor unit for split/Casseete Air-Conditioner including foaming etc., complete. <b>1. 1 1/8" x 5/8"</b>	1	Mtr	1750.00
		<b>AIR CONDITIONERS</b>			
1203	ELEC-5.5.58	Deleted From SOR 12-13 ELEC-5.5.60			
1204	ELEC-5.5.59	Deleted From SOR 12-13 ELEC-5.5.61			
1205	ELEC-5.5.60	Deleted From SOR 12-13 ELEC-5.5.62			
1206	ELEC-5.5.61	Deleted From SOR 12-13 ELEC-5.5.63			
1207	ELEC-5.5.62	Deleted From SOR 12-13 ELEC-5.5.64			
1208	ELEC-5.5.63	Deleted From SOR 12-13 ELEC-5.5.65			
1209	ELEC-5.5.64	Deleted From SOR 12-13 ELEC-5.5.66			
1210	ELEC-5.5.65	Deleted From SOR 12-13 ELEC-5.5.67			
1211	ELEC-5.5.66	Deleted From SOR 12-13 ELEC-5.5.68			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1212	ELEC-5.5.67	Deleted From SOR 12-13 ELEC-5.5.69			
1213	ELEC-5.5.68	Deleted From SOR 12-13 ELEC-5.5.70			
1214	ELEC-5.5.69	Deleted From SOR 12-13 ELEC-5.5.71			
1215	ELEC-5.5.70	Deleted From SOR 12-13 ELEC-5.5.72			
1216	ELEC-5.5.71	Deleted From SOR 12-13 ELEC-5.5.73			
1217	ELEC-5.5.72	Deleted From SOR 12-13 ELEC-5.5.74			
1218	ELEC-5.5.73	Deleted From SOR 12-13 ELEC-5.5.75			
1219	ELEC-5.5.74	Deleted From SOR 12-13 ELEC-5.5.76			
1220	ELEC-5.5.75	Deleted From SOR 12-13 ELEC-5.5.77			
1221	ELEC-5.5.76	Deleted From SOR 12-13 ELEC-5.5.78			
1222	ELEC-5.5.77	Deleted From SOR 12-13 ELEC-5.5.79			
1223	ELEC-5.5.78	Deleted From SOR 12-13 ELEC-5.5.80			
1224	ELEC-5.5.79	Deleted From SOR 12-13 ELEC-5.5.81			
1225	ELEC-5.5.80	Deleted From SOR 12-13 ELEC-5.5.82			
1226	ELEC-5.5.81	Deleted From SOR 12-13 ELEC-5.5.83			
1227	ELEC-5.5.82	Deleted From SOR 12-13 ELEC-5.5.84			
1228	ELEC-5.5.83	Deleted From SOR 12-13 ELEC-5.5.85			
1229	ELEC-5.5.84	Deleted From SOR 12-13 ELEC-5.5.86			
1230	ELEC-5.5.85	Deleted From SOR 12-13 ELEC-5.5.87			
1231	ELEC-5.5.86	Deleted From SOR 12-13 ELEC-5.5.88			
1232		Supply of split AC unit with high wall mounted indoor unit and outdoor condensing unit Hermetically sealed compressor suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units with 5mts of required size of copper piping duly insulated and 3 core copper flexible chord of required length and cordless remote control			
	<b>A</b>	<b>1.5TR Split ACs</b>			
	ELEC-5.5.92	1.5 TR 3 Star capable of delivering 18000 BTU/hr and above with operating on refrigerant R-22 makes Mitsubishi SRK 19 CK-6	1	No	38868.00
	ELEC-5.5.93	1.5 TR 3 Star capable of delivering 18000 BTU/hr and above with operating on refrigerant R-22 makes Daikin FTE-M or N Sereis / Carrier Novello / Blue Star 3HW18VB1 / Hitachi (Kazi+) / Voltas 183 PX-R.	1	No	36700.00
	ELEC-5.5.94	1.5TR 5 Star capable of delivering 18000 BTU/hr and above with operating on refrigerant R-22 makes Mitsubishi SRK20CKS-6 / Hitachi ACE FMS	1	No	46333.00
	ELEC-5.5.95	1.5TR 5 Star capable of delivering 18000 BTU/hr and above with operating on refrigerant R-410A makes Daikin FT-M / Carrier Estrella / Blue Star 5HW18DBF1.	1	No	44500.00
	<b>B</b>	<b>1.8TR-2.1TR Split ACs</b>			
	ELEC-5.5.96	1.8 / 2.0 TR 3 Star capable of delivering 21600 BTU/hr and above with operating on refrigerant R-22 makes Carrier Dura edgeplus / Daikin FTE-M or N Series / Blue Star 3HW24SVB1	1	No	46700.00
	ELEC-5.5.97	2.0 TR 4 Star capable of delivering 21600 BTU/hr and above with operating on refrigerant R-22 makes 'O' General.	1	No	56490.00
	ELEC-5.5.98	2.0 TR 4 Star capable of delivering 21600 BTU/hr and above with operating on refrigerant R-22 makes Carrier Kurve.	1	No	47600.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
	ELEC-5.5.99	1.8 / 2.0 TR 5 Star capable of delivering 21600 BTU/hr and above with operating on refrigerant R-22 makes Mitsubishi SRK25CKS-6 / Daikin FT-M Series	1	No	54900.00
	<b>C</b>	<b>Inverter Split AC Unts (Cooling Only)</b>			
1233	ELEC-5.5.100	Supply of INVERTER Model Cool type split AC unit with high wall mounted Single Split indoor unit and outdoor condensing unit Hermetically sealed compressor suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing Heat cool dehumidi -fying air circulating and filtering with cooling and condensing units duly insulated and 3 core copper flexible chord of required length etc. complete including cordless remote			
	ELEC-5.5.101	1.5 TR capable of delivering 18000 BTU/hr and above with operating on refrigerant R-410 makes O General model No. ASGA18JCC / Toshibha Model No. RAS-18N3KCV-IN	1	No	57865.00
	ELEC-5.5.102	1.5 TR capable of delivering 18000 BTU/hr and above with operating on refrigerant R-410 makes 'Daikin Model No.FTKS50FVMA / Mitsubishi Model No. SRK18YL-S / Blue Star Model No. HNHW18CBF.	1	No	54497.00
	ELEC-5.5.103	1.8 TR capable of delivering 21600 BTU/hr and above with operating on refrigerant R-410 makes Thosibha Model No. RAS-22N3KCV-IN / Daikin Model No. FTKS60FVMA	1	No	65195.00
	ELEC-5.5.104	2.0 TR capable of delivering 24000 BTU/hr and above with operating on refrigerant R-410 makes 'O' General Model No. ASGA24JCC / Blue Star Model No. HNHW22CBF	1	No	67295.00
		<b>CASSETTE TYPE AC UNITS</b>			
1234		Supply of <b>Cassette type</b> AC unit with ceiling mounted indoor unit and outdoor condensing unit Hermetically sealed compressor suitable for operation on AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units etc complete with Wireless remote controller, but without refrigerent piping and cable.			
	ELEC-5.5.105	Single Phase Makes: 2.2TR Daikin / 2.0TR 'O' Genral AUG25AB	1	No	82000.00
	ELEC-5.5.106	3.0TR Three Phase capable of delivering 36000 BTU/hr and above with operating on refrigerant R-22 makes Makes: 'O' Genral	1	No	130090.00
	ELEC-5.5.107	3.0TR Three Phase capable of delivering 36000 BTU/hr and above with operating on refrigerant R-22 Makes: <b>Daikin / Carrier / Blue Star.</b>	1	No	109500.00
	ELEC-5.5.108	3.5TR Three Phase capable of delivering 42000 BTU/hr and above with operating on refrigerant R-22 Makes: 'O' General	1	No	137940.00
	ELEC-5.5.109	3.5TR Three Phase capable of delivering 42000 BTU/hr and above with operating on refrigerant R-22 Makes: Daikin	1	No	131800.00
	ELEC-5.5.110	3.5TR Three Phase Makes: Carrier / Blue Star	1	No	125000.00
	ELEC-5.5.111	4.0TR Three Phase capable of delivering 48000 BTU/hr and above with operating on refrigerant R-22 Makes: Daikin / 'O' Genral	1	No	150970.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
	ELEC-5.5.112	4.0TR Three Phase capable of delivering 48000 BTU/hr and above with operating on refrigerant R-22 Makes: Carrier / Blue Star	1	No	115000.00
	ELEC-5.5.113	3.0TR Three Phase capable of delivering 36000 BTU/hr and above with operating on refrigerant R-410 Makes: Carrier / Blue Star.	1	No	116300.00
	ELEC-5.5.114	3.0TR Three Phase capable of delivering 36000 BTU/hr and above with operating on refrigerant R-410 Makes: Toshiba / O General (Inverter Technology)	1	No	155170.00
	ELEC-5.5.115	4.0TR Three Phase capable of delivering 48000 BTU/hr and above with operating on refrigerant R-410 Makes: Carrier / Blue Star	1	No	133000.00
	ELEC-5.5.116	4.0TR Three Phase capable of delivering 48000 BTU/hr and above with operating on refrigerant R-410 Makes: Toshiba / O General (Inverter Technology)	1	No	168190.00
		<b>TOWER MODEL TYPE AC UNITS</b>			
1235		Supply of <b>Slim line / Tower Model/Verticool type</b> split AC unit with indoor unit and floor mounted outdoor condensing unit Hermetically sealed Scroll compressor suitable for operation on AC supply capable of performing cooling dehumidifying air circulating and filtering with cooling and condensing units etc complete <b>with cordless remote control</b>			
	ELEC-5.5.117	3.0TR Three Phase capable of delivering 36000 BTU/hr and above with operating on refrigerant R-22 Makes: Voltas	1	No	80000.00
	ELEC-5.5.118	3.5TR Three Phase capable of delivering 42000 BTU/hr and above with operating on refrigerant R-22 Makes: Blue Star	1	No	82500.00
		<b>INVERTOR MODEL HEAT COOL SPLIT AC'S</b>			
1236		Supply of <b>INVERTER</b> Model Heat Cool type split AC unit with high wall mounted Single <b>phase</b> Split indoor unit and outdoor condensing unit Hermetically sealed compressor suitable for operation on 230V, 50Hz, 1Phase AC supply capable of performing Heat cool dehumidifying air circulating and filtering with cooling and condensing units duly insulated and 3 core copper flexible chord of required length etc. complete with cordless remote control			
	ELEC-5.5.87	.....do.....with Cooling capacity 18000 BTU/Hr and above, Coefficient of performance 3.70 and above and R410A refrigerant etc complete. Make : Toshiba model No. Indoor Unit RAS-18N3KV2-E Outdoor Unit RAS-18N3AV2-E or its equivalent model of 'O'General / Mitsubishi / Daikin.	1	No	69500.00
	ELEC-5.5.88	.....do.....with Cooling capacity 22000 BTU/Hr and above, Coefficient of performance 3.40 and above and R410A refrigerant etc complete. Make : Toshiba model No. Indoor Unit RAS-B22N3KV2-E Outdoor Unit RAS-22N3AV2-E or its equivalent model of 'O'General / Mitsubishi / Daikin	1	No	74500.00
		<b>STABILIZERS</b>			
1237	ELEC-5.5.46	Supply of 0.5 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	1	No	990.00
1238	ELEC-5.5.47	Supply of 0.5 KVA Stabilizer of make Keeline / Soft Line / Capri.	1	No	810.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1239	ELEC-5.5.48	Supply of 1.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	1	No	1805.00
1240	ELEC-5.5.49	Supply of 1.0 KVA Stabilizer of make Keeline / Soft Line / Capri.	1	No	1615.00
1241	ELEC-5.5.50	Supply of 3.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	1	No	2500.00
1242	ELEC-5.5.51	Supply of 3.0 KVA Stabilizer of make Keeline / Soft Line / Capri.	1	No	2300.00
1243	ELEC-5.5.52	Supply of 4.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	1	No	3325.00
1244	ELEC-5.5.53	Supply of 4.0 KVA Stabilizer of make Keeline / Soft Line / Capri.	1	No	3135.00
1245	ELEC-5.5.54	Supply of 5.0 KVA Stabilizer of make V-Guard / Real Guard / Uni Stab / ITL.	1	No	4002.00
1246	ELEC-5.5.55	Supply of 5.0 KVA Stabilizer of make Keeline / Soft Line / Capri.	1	No	3806.00
	<b>5.6</b>	<b>REPAIRS TO MOTORS AND REWINDING, BEARINGS</b>			
1247	ELEC-5.6.1	Bearing of approved make for electric motor single phase / 3 phase AC upto 1 HP of all types.	1	No	179.00
1248	ELEC-5.6.2	Bearing of approved make for electric motor single phase / 3 phase AC upto 2 to 3 HP of all types.	1	No	231.00
1249	ELEC-5.6.3	Bearing of approved make for electric motor single phase / 3 phase AC upto 5 to 7.5 HP of all types.	1	No	306.00
1250	ELEC-5.6.4	Bearing of approved make for electric motor single phase / 3 phase AC upto 10 to 12.5 HP of all types.	1	No	319.00
1251	ELEC-5.6.5	Bearing of approved make for electric motor single phase / 3 phase AC upto 15 to 20 HP of all types.	1	No	489.00
1252	ELEC-5.6.6	Bearing of table / cabin / pedestal / ceiling / exhaust fan complete with alignment of shaft and tested.	1	No	84.00
1253	ELEC-5.6.7	Bearing of bush / rubber / ring washers complete with alignment of shaft and tested.	1	No	40.00
1254	ELEC-5.6.8	Capacitor of table / cabin / pedestal / ceiling / exhaust fan complete.	1	No	38.00
1255	ELEC-5.6.9	EICHER model 11:10 with 100 H. P direct injestion 4 stroke engine with one spare wheel 3800 mm cabin high deck with jangla (full body) (4 wheeler) for generator	1	No	795069.00
1256	ELEC-5.6.10	Deleted From SOR 10-11 ELEC-5.6.10			
1257	ELEC-5.6.11	Deleted From SOR 10-11 ELEC-5.6.11			
1258	ELEC-5.6.12	Deleted From SOR 10-11 ELEC-5.6.12			
1259	ELEC-5.6.13	Deleted From SOR 10-11 ELEC-5.6.13			
1260	ELEC-5.6.14	Deleted From SOR 10-11 ELEC-5.6.14			
	<b>6.1</b>	<b>SWAGED POLES / OCTOGONAL POLES, GARDEN POSTS AND ACCESSORIES</b>			
1261	ELEC-6.1.1	Fabrication, supply and transportation of all sizes swaged poles up to site conforming to IS 2713 / 1980 specifications. The pole should be painted with primary coat of red oxide and black bituminous paint up to ground level with base plate, including cost of all materials etc., complete.(Rate per K. G)	1	Kg	71.00
1262	ELEC-6.1.2	Fabrication and Supply of M.S. Poles for garden posts with 'B' class 60.25mm outer dia with base plate and suitable pole cap including cost and conveyance of all material including fixing of	1	Kg	65.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		luminaire and labour charges etc., complete. (Rate per K. G)			
1263	ELEC-6.1.3	Supply of different sizes of M. S. Pipe brackets (Rate per K.G)	1	Kg	65.00
1264	ELEC-6.1.4 a	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 7.50 Mtrs height Pole having dimensions Bottom 130 mm,. Top 70mm with 3mm thick, base plate 220 x 220 x 12mm and 4 Nos of M20 x 700 long 'J' bolts along with template of Makes: Bajaj / Valmont / TRANSRAIL.	1	No	9679.00
1265	ELEC-6.1.4 b	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 7.50 Mtrs height Pole having dimensions Bottom 130 mm,. Top 70mm with 3mm thick, base plate 220 x 220 x 12mm and 4 Nos of M20 x 700 long 'J' bolts along with template of Makes Aster / LAASMA / Surya.	1	No	8711.00
1266	ELEC-6.1.5 a	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 9 Mtrs height Pole having dimensions Bottom 155 mm,. Top 70mm with 3mm thick, base plate 260 x 260 x 16mm and 4 Nos of M24 x 750 long 'J' bolts along with template of Makes: Bajaj / Valmont / TRANSRAIL.	1	No	14293.00
1267	ELEC-6.1.5 b	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 9 Mtrs height Pole having dimensions Bottom 155 mm,. Top 70mm with 3mm thick, base plate 260 x 260 x 16mm and 4 Nos of M24 x 750 long 'J' bolts along with template of Makes: Aster / LAASMA / Surya.	1	No	12864.00
1268	ELEC-6.1.6 a	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 10 Mtrs height Pole having dimensions Bottom 175 mm,. Top 70mm with 3mm thick, base plate 275 x 275 x16mm and 4 Nos of M24 x 750 long 'J' bolts along with template of Makes Bajaj / Valmont / TRANSRAIL.	1	No	15665.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1269	ELEC-6.1.6 b	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 10 Mtrs height Pole having dimensions Bottom 175 mm,. Top 70mm with 3mm thick, base plate 275 x 275 x16mm and 4 Nos of M24 x 750 long 'J' bolts along with template of Makes: Aster / LAASMA / Surya.	1	No	14098.00
1270	ELEC-6.1.7 a	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 12 mtrs height Pole having dimensions Bottom 200mm / 240mm, Top 100mm / 90mm with 4mm thick, base plate 320 x320 x20mm and 4 Nos of M24 x 850 long 'J' bolts along with template of Makes Bajaj / Valmont / TRANSRAIL.	1	No	25040.00
1271	ELEC-6.1.7 b	Fabrication, Transportation and supply of hot-dip galvanized Octogonal Pole with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangement, including the supply of suitable boards with bakelite sheet and MCB's as per IS specification suitable to withstand the wind speed of 180 KMPH for 12 mtrs height Pole having dimensions Bottom 200mm / 240mm, Top 100mm / 90mm with 4mm thick, base plate 320 x320 x20mm and 4 Nos of M24 x 850 long 'J' bolts along with template of Makes: Aster / LAASMA / Surya.	1	No	22536.00
1272	ELEC-6.1.8	Fabrication, Transportation and supply of 1.0 Mtr Length Single Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe.	1	No	1215.00
1273	ELEC-6.1.9	Fabrication, Transportation and supply of 1.50 Mtr Length Single Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe.	1	No	1604.00
1274	ELEC-6.1.10	Fabrication, Transportation and supply of 1 Mtr length Double Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe.	1	No	1400.00
1275	ELEC-6.1.11	Fabrication, Transportation and supply of 1.50 Mtr length Double Arm Bracket made with MS galvanized 40mm / 50mm dia Pipe.	1	No	2479.00
1276	ELEC-6.1.42	Fabrication, Transportation and supply of of 1.5mtrs sword type decorative double arm bracket with dooms either sides complete with all accessories with MS galvanized 40mm / 50mm dia Pipe.			4500.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1277	ELEC-6.1.12 a	Fabrication, transportation and supply of MS hot dip galvanized 9.0 Mtrs long octagonal poles with 3mm thick HT steel plate with a bottom 200mm / 240mm dia and top 100mm / 90mm dia, base plate of size 290mm x 290mm x 16mm thick welded to bottom of pole, terminal box with door size of 500mm x 100mm with all accessories connector and fuse base and fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: Bajaj / Valmont / TRANSRAIL.	1	No	18102.00
1278	ELEC-6.1.12 b	Fabrication, transportation and supply of MS hot dip galvanized 9.0 Mtrs long octagonal poles with 3mm thick HT steel plate with a bottom 200mm / 240mm dia and top 100mm / 90mm dia, base plate of size 290mm x 290mm x 16mm thick welded to bottom of pole, terminal box with door size of 500mm x 100mm with all accessories connector and fuse base and fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: Aster / LAASMA / Surya.	1	No	16292.00
1279	ELEC-6.1.13	Foundation and erection charges for 9 mtrs / 10 Mtrs long Octagonal/Conical pole duly erecting on base plate 290mm x 290mm x 16mm thick duly providing 4 Nos. foundation bolts with nuts with providing of M20 c.c work vibrated concreting mixing with necessary steel (20kgs) reinforcement as directed by the field engineers during execution including all labour charges and cost and conveyance of materials etc. complete.	1	No	4500.00
1280	ELEC-6.1.14 a	Fabrication, transportation and supply of 12 Mtrs Polygon High Mast with single section of 3mm thick of Bottom 350mm / 360mm and Top 125mm / 100mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 520mm dia 16mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity, suitable for 6 luminaires with GLS type aviation twin lamp Makes: Bajaj / Valmont / TRANSRAIL.	1	No	93958.00
1281	ELEC-6.1.14 b	Fabrication, transportation and supply of 12 Mtrs Polygon High Mast with single section of 3mm thick of Bottom 350mm / 360mm and Top 125mm / 100mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 520mm dia 16mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts	1	No	84562.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		of required quantity, suitable for 6 luminaires with GLS type aviation twin lamp Makes: Aster / LAASMA / Surya.			
1282	ELEC-6.1.15 a	Fabrication, transportation and supply of 16 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick with GLS type aviation lamp of Bottom 350mm and Top 125mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 560mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp Makes: Bajaj / Valmont / TRANSRAIL.	1	No	134879.00
1283	ELEC-6.1.15 b	Fabrication, transportation and supply of 16 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick with GLS type aviation lamp of Bottom 350mm and Top 125mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 560mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp Makes: Aster / LAASMA / Surya.	1	No	121391.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1284	ELEC-6.1.16 a	Fabrication, transportation and supply of 16 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick with GLS type aviation lamp of Bottom 410mm and Top 150mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 560mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp Makes: Bajaj / Valmont / TRANSRAIL.	1	No	145000.00
1285	ELEC-6.1.16 b	Fabrication, transportation and supply of 16 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick with GLS type aviation lamp of Bottom 410mm and Top 150mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 560mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp Makes: Aster / LAASMA / Surya.	1	No	130500.00
1286	ELEC-6.1.17 a	Fabrication, transportation and supply of 20 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick of Bottom 400mm / 410mm and Top 150mm / 150mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 570mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp of Makes: Bajaj / Valmont / TRANSRAIL.	1	No	168256.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1287	ELEC-6.1.17 b	Fabrication, transportation and supply of 20 Mtrs Polygon High Mast with two sections of Bottom 4mm thick and Top section with 3mm thick of Bottom 400mm / 410mm and Top 150mm / 150mm dia with BSEN - 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate, having a base plate of size 570mm dia 25mm thick with its accessories. Mast shall be in single section for 12 Mtrs and 2 sections for 16 and 20 Mtrs. Mast shall be hot dip galvanized and suitable for wind velocity of 180 KMPH as per IS 875 part 3 including head frame, 2 point suspension system with steel rope 6mm dia (7/19) construction double drum winch / power tool operating speed of 900 RPM, and necessary cable trailer connections and single speed motor with M 24 x 800 mm foundation bolts of required quantity with GLS type aviation twin lamp of Makes: Aster / LAASMA / Surya.	1	No	151430.00
1288	ELEC-6.1.18	Supply and fixing of suitable feeder pillar box made with 14 SWG CRCA sheet including S & F of Legrand / Schnieder / Siemens / ABB / L&T make 40A TP MCB, 6 Nos SP MCB's, bus bars, 6 Sqmm 3 core copper cable for individual light control, contactor, suitable timer and connectors and provision for energy meter etc., complete for finished item of work.	1	No	28884.00
1289	ELEC-6.1.19	Supply and fixing of suitable feeder pillar box made with 14 SWG CRCA sheet including S & F of Legrand / Schnieder / Siemens / ABB / L&T make 63A TP MCB, 8 Nos SP MCB's, bus bars, 6 Sqmm 3 core copper cable for individual light control, contactor, suitable timer and connectors and provision for energy meter etc., complete for finished item of work.	1	No	30473.00
1290	ELEC-6.1.20	Earth work excavation with a approximate quantity of 4.0 Cum for erection of 12 Mtrs high mast and refilling with a quantity of 0.53 Cum of PCC 1:4:8, 1.50 Cum M 20 grade concrete and (80 Kgs) reinforced steel of 12mm / 10mm / 8mm, Soil bearing capacity of 10 T/Sqm, Anchor plate with cost and conveyance of all above materials including labour charges for erection of High Mast and Carriage etc complete.	1	No	28073.00
1291	ELEC-6.1.21	Earth work excavation with a approximate quantity of 6.0 Cum for erection of 16 Mtrs high mast and refilling with a quantity of 0.65 Cum of PCC 1:4:8, 2.60 Cum M 20 grade concrete and (110 Kgs) reinforced steel of 12mm / 10mm / 8mm, Soil bearing capacity of 10 T/Sqm, Anchor plate with cost and conveyance of all above materials including labour charges for erection of High Mast and Carriage etc complete.	1	No	35794.00
1292	ELEC-6.1.22	Earth work excavation with a approximate quantity of 7.0 Cum for erection of 20 Mtrs high mast and refilling with a quantity of 0.75 Cum of PCC 1:4:8, 3.60 Cum M 20 grade concrete and (140 Kgs) reinforced steel of 12mm / 10mm / 8mm, Soil bearing capacity of 10 T/Sqm, Anchor plate with cost and conveyance of all above materials including labour charges for erection of High Mast and Carriage etc complete.	1	No	45551.00
1293	ELEC-6.1.23 a	Fabrication, transportation and supply of MS hot dip galvanized 9.0 Mtrs long octagonal poles with 3mm thick HT steel plate with a bottom 155mm dia and top 75mm dia, base plate of size 260mmx260mmx16mm thick welded to bottom of pole, terminal box with door size of 500mm x 100mm with all accessories connector and fuse base and a fixing arrangements	1	No	18698.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.5mtrs <b>sword type</b> decorative <b>single arm</b> bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: Bajaj / Valmont / TRANSRAIL.			
1294	ELEC-6.1.23 b	Fabrication,transportation and supply of MS hot dip galvanized 9.0 Mtrs long octagonal poles with 3mm thick HT steel plate with a bottom 155mm dia and top 75mm dia, base plate of size 260mmx260mmx16mm thick welded to bottom of pole, terminal box with door size of 500mm x 100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.5mtrs <b>sword type</b> decorative <b>single arm</b> bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: Aster / LAASMA / Surya.	1	No	16828.00
1295	ELEC-6.1.24 a	Fabrication,transportation and supply of MS hot dip galvanized 9.0 Mtrs long Conical poles with 3mm thick HT steel plate with a bottom 173mm dia and top 75mm dia, base plate of size 275mmx275mmx16mm thick welded to bottom of pole, terminal box with door size of 500mmx100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.0 mtrs <b>C type</b> decorative <b>single arm</b> with painted bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes Bajaj / Valmont / TRANSRAIL.	1	No	14580.00
1296	ELEC-6.1.24 b	Fabrication,transportation and supply of MS hot dip galvanized 9.0 Mtrs long Conical poles with 3mm thick HT steel plate with a bottom 173mm dia and top 75mm dia, base plate of size 275mmx275mmx16mm thick welded to bottom of pole, terminal box with door size of 500mmx100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.0 mtrs <b>C type</b> decorative <b>single arm</b> with painted bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: Aster / LAASMA / Surya.	1	No	13122.00
1297	ELEC-6.1.25 a	Fabrication,transportation and supply of MS hot dip galvanized 10.0 Mtrs long Conical poles with 3mm thick HT steel plate with a bottom 184mm dia and top 75mm dia, base plate of size 275mmx275mmx16mm thick welded to bottom of pole, terminal box with door size of 500mmx100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.5 mtrs <b>C type</b> decorative <b>Double arm</b> with painted bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: Bajaj / Valmont / TRANSRAIL.	1	No	16740.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1298	ELEC-6.1.25 b	Fabrication,transportation and supply of MS hot dip galvanized 10.0 Mtrs long Conical poles with 3mm thick HT steel plate with a bottom 184mm dia and top 75mm dia, base plate of size 275mmx275mmx16mm thick welded to bottom of pole, terminal box with door size of 500mmx100mm with all accessories connector and fuse base and a fixing arrangements for advertisements holdings, foundation bolts with washers and nuts 4 sets. including S&F of 1.5 mtrs <b>C type</b> decorative <b>Double arm</b> with painted bracket with dooms either sides complete with all accessories as per the requirements at site and as per the directions of field engineers during execution for finished item of work. Makes: Aster / LAASMA / Surya.	1	No	15066.00
1299		Supply of following sizes thermo plastic pole boxes IP 65 protection Make : Hensel / Sintex			
	ELEC-6.1.26	300X150X170			1220.00
	ELEC-6.1.27	300X300X170			1750.00
	ELEC-6.1.28	300X450X170			2385.00
	ELEC-6.1.29	300X600X170			2830.00
1300	ELEC-6.1.30	Erection charges for 7.50 Mts long Octagonal pole on bridge kerb portion (R.C.C). with 4 Nos 8" Anchor bolts/ M20xsuitable "J" type bolts etc duly drilling holes to RCC slab and with V.C.C. M.15 concrete for base concreting up to a height of 8" with necessary Reinforcement work etc. including cost and conveyance of all material and all labour charges etc. complete as directed by the department officers.	1	No	3200.00
1301		Supply and transportation of following glass reinforced polymer (GRP) composite type Conical pole with single arm bracket of length 1Mtr and internal junction box including labour charges etc., complete. Makes: Bajaj / Kemrock / Sumip.			
	ELEC-6.1.31	3.00 Mtrs height, Bottom dia 143mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 155Km/Hr	1	No	8908.00
	ELEC-6.1.32	4.00 Mtrs height, Bottom dia 143mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 155Km/Hr	1	No	11168.00
	ELEC-6.1.33	6.00 Mtrs height, Bottom dia 143mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 155Km/Hr	1	No	14275.00
	ELEC-6.1.34	8.00 Mtrs height, Bottom dia 193mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 155Km/Hr	1	No	18795.00
	ELEC-6.1.35	10.00 Mtrs height, Bottom dia 227mm, Top 76mm, AV thickness 6mm and to withstand maximum wind velocity 155Km/Hr	1	No	27268.00
1302		Supply and transportation of base bracket suitable for glass reinforced polymer (GRP) composite type pole including labour charges etc., complete. Makes: Bajaj / Kemrock / Sumip.			
	ELEC-6.1.36	For 3.00 Mtrs Pole	1	No	1650.00
	ELEC-6.1.37	For 4.00 Mtrs Pole	1	No	1650.00
	ELEC-6.1.38	For 6.00 Mtrs Pole	1	No	1980.00
	ELEC-6.1.39	For 8.00 Mtrs Pole	1	No	2310.00
	ELEC-6.1.40	For 10.00 Mtrs Pole	1	No	5500.00
1303	ELEC-6.1.41	Deleted From SOR 12-13 ELEC-6.1.41			
	6.2	<b>CONTROL PANEL BOARD</b>			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1304	ELEC-6.2.1	Fabrication and erection of 14SWG CRCA sheet steel enclosure for power control cubicle panel / boxes etc., including cutting, bending drilling, welding and reveting etc., complete with cleaning with 7 tank process and painting with powder coating including cost and conveyance of all materials and labour charges.	1	sq. inch	2.40
1305	ELEC-6.2.2	Fabrication and erection of 16 SWG CRCA sheet steel enclosure for power control cubicle panel / boxes etc., including cutting, bending drilling, welding and reveting etc., complete with cleaning with 7 tank process and painting with powder coating including cost and conveyance of all materials and labour charges.	1	sq. inch	2.20
1306	ELEC-6.2.3	Fabrication and erection of 18SWG CRCA sheet steel enclosure for power control cubicle panel / boxes etc., including cutting, bending drilling, welding and reveting etc., complete with cleaning with 7 tank process and painting with powder coating including cost and conveyance of all materials and labour charges.	1	sq. inch	1.90
	6.3	<b>METERING EQUIPMENT</b>			
1307	ELEC-6.3.1	Supply and erection of 0-415V volt Digital meter on existing box / panel board including connections etc., complete. CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE.	1	No	2500.00
1308	ELEC-6.3.2	Supply and erection of 0-415V volt Analog meter on existing box / panel board including connections etc., complete. CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE.	1	No	450.00
1309	ELEC-6.3.3	Supply and erection of 0-100 / 200 / 400 / 600 /1000 Digital Ammeter of size 96x96mm on existing box / panel board including connections etc., complete. CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE.	1	No	2500.00
1310	ELEC-6.3.4	Supply and erection of 0-100 / 200 / 400 / 600 /1000 Analog Ammeter of size 96x96mm on existing box / panel board including connections etc., complete. CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE.	1	No	450.00
1311	ELEC-6.3.5	Supply and erection of Digital frequency meter on existing box / panel board including connections etc., complete. CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE.	1	No	4556.00
1312	ELEC-6.3.6	Supply and erection of Digital power factor meter, 3 phase, 4 wire balanced or unbalanced load 5A, 415V of size 96x96mm on existing box / panel board including connections etc., complete. CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE.	1	No	2700.00
1313	ELEC-6.3.7	Supply and erection of L.T. 3phase Digital multifunction energy meter with 3 lines LCD display for measuring all the parameters (voltage / Current / Power / frequency / power factor / kw / kwh / KVAR/ KVARH/) on existing box panel board including connections etc., complete. CONZERVE / ELMEASURE / LEGRAND / MECO / HPL MAKE.	1	No	10023.00
1314	ELEC-6.3.8	Supply and erection of selector switch for voltmeter / Ammeter on the existing box / panel including connections etc., complete. L&T / C&S / SALZAR / HPL MAKE.	1	No	175.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1315	ELEC-6.3.9	Supply and erection of LED indicator lamps on the existing box / panel board. L&T / C&S / SALZAR / HPL MAKE.	1	No	135.00
1316	ELEC-6.3.10	Supply and erection of LT current transformer with bar primary 100/5A to 1000 / 5A ratio in the existing box / panel including connections etc., complete. KAPPA MAKE.	1	No	450.00
1317	ELEC-6.3.11	Supply and fixing of single phase Electronic energy Meter,240V AC,50 HZ as per IS13010 up to 40A range with 200% over load capacity complete with connections etc., complete on the existing board. CONZERVE / ELMEASURE / MECO / HPL / HAVELLS MAKE.	1	No	1050.00
1318	ELEC-6.3.12	Supply and fixing of three phase Electronic energy Meter, 415V AC,50 HZ as per IS13010 up to 40A range with 200% over load capacity complete with connections etc., complete on the existing board. CONZERVE / ELMEASURE / MECO / HPL / HAVELLS MAKE.	1	No	3037.00
1319	ELEC-6.3.13	Supply and fixing of 8 Stage APFC Relay with connection etc complete.(L&T / Siemens / EPCOS / Schneider / Elmeasure)	1	No	13600.00
1320	ELEC-6.3.14	Supply and fixing of 14 Stage APFC Relay with connection etc complete.(L&T / Siemens / EPCOS / Schneider / Elmeasure)	1	No	16900.00
	<b>6.4</b>	<b>SUB STATION EQUIPMENT and TRANSFORMERS</b>			
1321	ELEC-6.4.1	Carryout routine maintenance, servicing and testing of 630A to 1000A L.T.ACB by cleaning fixed contacts, moving contacts and arcchutes including servicing and putting the ACB in perfect working condition after detting all relay and ON, OFF mechanism etc done with only manufacturing companies	1	No	1998.00
1322	ELEC-6.4.2	Carryout routine maintenance and servicing of LT.Cubical pannel board having approximately 15 to 22 Nos of switches cleaning with power brower and servicing the contacts, tightning the connection of incoming and outgoing cables, and clicking the operating machanism for smooth functioning of switches and putting them in smooth working condition.	1	No	2500.00
1323	ELEC-6.4.3	Routine maintenance of transformer in operation covering insulation resistance oil, break down strength. Reconditioning / replacement of silicazel, cleaning of transformer and topping upto oil level if required (extra cost will be paid for oil).	1	No	4350.00
1324	ELEC-6.4.4	Testing of Transformer oil for dielectric breakdown strength.	1	No	500.00
1325	ELEC-6.4.5	Removing the existing transformer from the plinth / Pole and refixing the standby transformer of following capacity including connections etc., complete.- Upto 315 KVA	1	No	2500.00
1326	ELEC-6.4.6	Removing the existing transformer from the plinth / Pole and refixing the standby transformer of following capacity including connections etc., complete. -500 / 1000 KVA	1	No	3500.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1327	ELEC-6.4.7	Replacing old and unserviceable gasket of top cover plate of transformer having following capacity. -Upto 315 KVA	1	No	750.00
1328	ELEC-6.4.8	Replacing old and unserviceable gasket of top cover plate of transformer having following capacity. -500 / 1000 KVA	1	No	1050.00
1329	ELEC-6.4.9	Replacing old and unserviceable gasket of H. T bushing for the following Transformer capacity. -Upto 315 KVA	1	No	300.00
1330	ELEC-6.4.10	Replacing old and unserviceable gasket of H. T bushing for the following Transformer capacity. -500 / 1000 KVA	1	No	550.00
1331	ELEC-6.4.11	Replacing old and unserviceable gasket of L.T bushing for the following transformer capacity. Upto 315 KVA	1	No	700.00
1332	ELEC-6.4.12	Replacing old and unserviceable gasket of L.T bushing for the following transformer capacity. 500 / 1000 KVA	1	No	1450.00
1333	ELEC-6.4.13	Replacement the H/T / L. T burntout winding coils of distribution transformer including rewinding, varnishing and vaccuming etc.,duly retaining the removed burnt winding coils by the Contractor / Firm- <b>For copper coils</b>	1	Kg	590.00
1334	ELEC-6.4.14	Replacement the H/T / L. T burntout winding coils of distribution transformer including rewinding, varnishing and vaccuming etc.,duly retaining the removed burnt winding coils by the Contractor / Firm - <b>For aluminium coils</b>	1	Kg	390.00
1335	ELEC-6.4.15	Insulating HT / LT copper / aluminium coils for Transformers.	1	No	300.00
1336	ELEC-6.4.16	Painting with 2 coats Zinchromate red oxide duly scraping existing paint followed by 2 coats of hammerton grey paint etc., complete. -Upto 500 KVA	1	No	3000.00
1337	ELEC-6.4.17	Painting with 2 coats Zinchromate red oxide duly scraping existing paint followed by 2 coats of hammerton grey paint etc., complete. - 630 / 1000 KVA	1	No	4000.00
1338	ELEC-6.4.18	Replacing H.T bushing for distribution Transformer by new one.	1	No	350.00
1339	ELEC-6.4.19	Replacing H.T bushing metal parts for distribution Transformer by new one.	1	No	380.00
1340	ELEC-6.4.20	Replacing L.T bushing for distribution Transformer by new one for the following capacities. - <b>Upto 315 KVA</b>	1	No	165.00
1341	ELEC-6.4.21	Replacing L.T bushing for distribution Transformer by new one for the following capacities.- <b>500 / 1000 KVA</b>	1	No	175.00
1342	ELEC-6.4.22	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. -100 KVA	1	No	300.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1343	ELEC-6.4.23	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. -250 / 315 KVA	1	No	500.00
1344	ELEC-6.4.24	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. -500 KVA	1	No	1300.00
1345	ELEC-6.4.25	Replacing L.T bushing metal parts for distribution Transformer by new one for the following capacities. -1000 KVA	1	No	2000.00
1346	ELEC-6.4.26	Drying the repaired transformer with appropriate heat / air of following capacity of transformers. -Upto 315 KVA	1	No	3000.00
1347	ELEC-6.4.27	Drying the repaired transformer with appropriate heat / air of following capacity of transformers. -500 / 1000KVA	1	No	4200.00
1348	ELEC-6.4.28	Loading and Unloadng of transformer from site to Workshop or vice verse. -Upto 500 KVA	1	No	4500.00
1349	ELEC-6.4.29	Loading and Unloadng of transformer from site to Workshop or vice verse. -630 / 1000 KVA	1	No	6800.00
1350	ELEC-6.4.30	Transformer oild tested as per IS-335 - 1972 (per Ltr)	1	Ltr	90.00
1351	ELEC-6.4.31	Filtration of transformer oil as per ISS specifications filters to die electric strength above 40 K. V at site. (per Ltr)	1	Ltr	8.00
1352	ELEC-6.4.32	Filtration of transformer oil as per ISS specifications filters to die electric strength above 40 K. V at workshop (per Ltr)	1	Ltr	5.00
1353	ELEC-6.4.33	Supply of MPP type heavy duty capacitor of operating voltage not less than 480V and losses not more than 0.35W per KVAR and inrush current withstand capability 300 times the rated current. Makes:L&T/Siemens/Schneider/Epcos.	1	KVAR	330.00
1354	ELEC-6.4.34	Deleted From SOR 11-12 ELEC-6.4.34			
1355		Supply, transportation and delivery at site of 3 Phase, 50 Hz, oil immersed and naturally cooled, outdoor / Indoor type copper wound transformer designed and manufactured as per IS 2026-1977 and 1st filling of oil as per IS 335 of 1993, connected delta on primary side and Star on secondary side with additional neutral brought out on load side, 1100V / (433V / 415V) with HV tapping + or - 2.5% contineously rated for full load and temperature rise not exceeding 50°C in oil and 55°C rise by th resistance of the winding after contineous run on full load rating complete with the following standard mountings. Makes: Kirloskar / Vijay Electricals / PETE / Esennar			
		(Note:Other than these makes / brands mentioned rate may be allowed as approved by AP Electricity Board).			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		1. Rated KVA : .....KVA 2. Service: Outdoor / Indoor 3. Mounting : Plinth. 4. Copper wound : Double. 5. Type : Core. 6. Cooling : ONAN 7. Temp . Rise : 55°C. 8. Vector Group: Dyn 11 9. Primary Connection : Delta 10. Primary Volts : 11000 11. Primry Frequency : 50 12. Primary Phases : 3 13. Primary wires: 3 14. Secondary connection : Star 15. Secondary Volts : 415 / 433V 16. Secondary phases : 3 17. Secondary wires: 4 18. Taps on primary winding for primary voltage variation : +7.5% to - 7.5% in steps of 2.5%,		
		<b>19. Terminal arrangement.</b> a. HV: Bare Busings / Cable end box b. LV : Cable box 20. LV : One separate terminal for earthing. 20. No load losses (Watts): .....As per IS specification 21. Load losses (Watts): .....As per IS specification 22. Impedance(Z%) : .....As per IS specification		
		<b>21. Fittings &amp; Accessories.</b> a. Rating and terminal marking plate b. Earthing terminals c. Lifting Lugs d. Conservator with drain plug. e. Oil level Indicator f. Dehydrating silicagel breather g. Air release device h. Drain cum filter wall i. Explosion vent with diaphragm j. Radiators (Attachable) k. Seperate neutral bushing l. Uni directional flat rollers.		
	ELEC-6.4.35	..... do..... 63 KVA Copper Wound Transformer		165000.00
	ELEC-6.4.36	..... do..... 100 KVA Copper Wound Transformer		180000.00
	ELEC-6.4.37	..... do..... 160 KVA Copper Wound Transformer		295000.00
	ELEC-6.4.38	..... do..... 250 KVA Copper Wound Transformer		325000.00
	ELEC-6.4.39	..... do..... 315 KVA Copper Wound Transformer		375000.00
	ELEC-6.4.40	..... do..... 500 KVA Copper Wound Transformer		550000.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	SS RATE FOR 2013-14
1	2	3	4	5
1356		Supply, transportation and delivery at site of 3 Phase, 50 Hz, Dry type, Indoor type copper wound transformer designed and manufactured as per IS 2026-1977 and IS 11171-1985, connected delta on primary side and Star on secondary side with additional neutral brought out on load side, 1100V / (433V / 415V) with HV tapping + or - 2.5% temperature rise by the resistance 90°C. complete with the following standard mountings. Makes: Kirloskar / Vijay Electricals / PETE / Esennar		
		(Note: Other than these makes / brands mentioned rate may be allowed as approved by AP Electricity Board).		
		<ol style="list-style-type: none"> <li>1. Rated KVA : .....KVA (Cast Resin)</li> <li>2. Service: Indoor</li> <li>3. Mounting : Floor.</li> <li>4. Copper wound : Double.</li> <li>5. Type of cooling : ANAN.</li> <li>6. Insulation Class : Class F</li> <li>7. Temperature rise by resistance : 90°C</li> <li>8. Vector Group: Dyn 11</li> <li>9. Primary Connection : Delta</li> <li>10. Primary Volts : 11000</li> <li>11. Primry Frequency : 50</li> <li>12. Primary Phases : 3</li> <li>13. Primary wires: 3</li> <li>14. Secondary connection : Star</li> <li>15. Secondary Volts : 433V / 415V</li> <li>16. Secondary phases : 3</li> <li>17. Secondary wires: 4</li> <li>18. Taps on primary winding for primary voltage variation : +5.0% to - 10.0% in steps of 2.5% through links.</li> </ol>		
		<ol style="list-style-type: none"> <li>19. <b>Terminal arrangement.</b> <ol style="list-style-type: none"> <li>a. HV: Cable end box</li> <li>b. LV : Cable end box</li> </ol> </li> <li>20. No load losses (Watts): ..... As per IS specifications</li> <li>21. Load losses (Watts): .....As per IS specifications</li> <li>22. Impedance(Z%) : .....As per IS specifications</li> </ol>		
		<ol style="list-style-type: none"> <li>21. <b>Fittings &amp; Accessories.</b> <ol style="list-style-type: none"> <li>a. Rating and terminal marking plate</li> <li>b. Earthing terminals</li> <li>c. Lifting Lugs</li> <li>d. Winding temperature Indicator</li> <li>e. Seperate neutral bushing</li> <li>f. Uni directional flat rollers.</li> </ol> </li> </ol>		
	ELEC-6.4.41	..... do..... 100 KVA Copper Wound Transformer		400000.00
	ELEC-6.4.42	..... do..... 250 KVA Copper Wound Transformer		645000.00
	ELEC-6.4.43	..... do..... 315 KVA Copper Wound Transformer		735000.00
	ELEC-6.4.44	..... do..... 500 KVA Copper Wound Transformer		910000.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
	<b>6.5</b>	<b>LIGHTENING PROTECTIVE SYSTEM</b>			
1357	ELEC-6.5.1	Supply and erecting approved make 11KV, 5KA metal oxide lightning arrestors suitable for 11 KV supply with necessary materials on existing cross arm.	1	No	1500.00
1358	ELEC-6.5.2	Supply and erecting porcelain disc type insulator suitable for 11KV line with suitable hardware on existing cross arms.	1	No	600.00
1359	ELEC-6.5.3	Supply and erecting porcelain pin type insulator suitable for 11KV line with suitable hardware on existing cross arms.	1	No	300.00
1360	ELEC-6.5.4	Supply and erecting porcelain post type insulator suitable for 11KV line with suitable hardware on existing cross arms.	1	No	675.00
1361	ELEC-6.5.5	Supply and erecting porcelain pin/shackle type insulator suitable for L. T.	1	No	90.00
1362	ELEC-6.5.6	Supply and fixing of lightning protective system conforming to IS : 2309 with all standard accessories such as metal globe finials on the top of the building with 25.4 mm dia 3.0mtrs. Length of 'B' class G.I pipe etc., complete without down conductors and earthing.	1	No	600.00
1363	ELEC-6.5.7	Approved made 11KV, 400A A.B switch with all standard accessories etc., complete with cost and conveyance of all materials.	1	No	7000.00
1364	ELEC-6.5.8	Approved made 11KV, 200A A.B switch with all standard accessories etc., complete with cost and conveyance of all materials.	1	No	6100.00
1365	ELEC-6.5.9	Approved made 11KV, 200A A.B switch (tilting) with all standard accessories etc., complete with cost and conveyance of all materials.	1	No	5900.00
1366	ELEC-6.5.10	11KV, H.G fuse set including all standard accessories etc., complete with cost and conveyance of all materials.	1	No	4000.00
1367	ELEC-6.5.11	Supply of 7/3.15 AAA C all Aluminium annealed conductor Rabbit.	1	Km	25013.00
1368	ELEC-6.5.12	Supply of 7/2.50 AAA C all Aluminium annealed conductor Weasel.	1	Km	15383.00
1369	ELEC-6.5.13	Supply of 9.1 Mtr PSCC Pole 280 Kg Working load.	1	No	3129.00
1370	ELEC-6.5.14	Supply of 8.0 Mtr PSCC Pole 140 Kg Working load.	1	No	1665.00
1371	ELEC-6.5.15	Supply of 175 x 85 mm / 150 x 75 mm RS Joist.	1	Kg	50.00
1372	ELEC-6.5.16	Supply and installation of NIMBUS CPT-3/NLP 2200 / FOREND(ESE-EU) Advanced lighting protection with capturing head of 135 - 210mm diameter, 205 -580mm height and 4.60 - 4.940 kgs , and having Rod length 760mm, weight 1.795 kgs with stainless steel rod, working on the principle of (ESE) Early Streamer Emission technology, having a coverage radius of 79mts when mounted on 10 - 15 mts height of existing lattice tower giving level 1 protection and anticipation emission time of 60 micro seconds/72 micro seconds. The NIMBUS is manufactured according to standard NFC 17 102 and UNE 21186-96 including functional integrity etc Complete. Make : NIMBUS / FOREND or equivalent	1	No	128000.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1373	ELEC-6.5.17	Installation and commissioning of NIMBUS / FOREND or equivalent advanced lighting protection systems which includes 1. Laying of CC Bed 2. Installation of Lighting Rod3. Laying of Down conductor4. Installation of Counter5. Installation of Earth Electrodes 6. Interconnection between the Electrodes7. Termination of down conductor to earth bus etc complete	1	No	31200.00
1374	ELEC-6.5.18	Supply of electro-Mechanical counter (Make: CIRPROTEC / INDALAC/INGESCO)	1	Pt	16000.00
1375	ELEC-6.5.19	Providing earth electrode of low carbon steel rod of 17mm dia coated with 250 microns thick copper 3mtr long with clamps and 2 bags of LORESCO ZEROLITE back fill compound etc complete (As per drawings enclosed)	1	Pt	9600.00
1376	ELEC-6.5.20	Supply of down conductor of 1x70sqmm single core PVC insulated unarmoured copper conductor cable of ISI mark (Make: Polycab / Havells / RPG / RR Kabel)	1	Mtr	410.00
	<b>7.1</b>	<b>NET WORKING</b>			
1377	ELEC-7.1.1	Supply of 2 Pair, 0.5mm telephone copper wire of makes Finolex / Delton / Surabi / Polycab / Nakoda / GM.	100	Mtrs	1010.00
1378	ELEC-7.1.2	Supply of 5 Pair telephone copper wire of makes Finolex / Delton / Surabi / Polycab / Nakoda / GM.	100	Mtrs	2800.00
1379	ELEC-7.1.3	Deleted From SOR 12-13 ELEC-7.1.3			
1380	ELEC-7.1.4	Supply of LAN Cable cat - 6 UTP cable of makes D Link / AMP / Molex / Legrand / Krone.	100	Mtrs	2580.00
1388	ELEC-7.1.5	Supply of Cat 6 RJ-45 information outlets including duel face plate of makes D Link / AMP / Molex / Legrand / Krone.	1	No	340.00
1389	ELEC-7.1.6	Supply of 24 Port switches of makes D link / CISCO / Net Gear / HP.	1	No	5200.00
1390	ELEC-7.1.7	Supply of 8 Port switches of makes D link / CISCO / Net Gear / HP.	1	No	1235.00
1391	ELEC-7.1.10	Supply of 3200 access point of makes D link / CISCO / Net Gear / HP.	1	No	12500.00
1392	ELEC-7.1.11	Supply of 7 feet length <b>moulded</b> patch cor0d of makes D Link / AMP / Molex / Legrand / Krone.	1	No	220.00
1393	ELEC-7.1.12	Supply of 3 feet length <b>moulded</b> patch cord of makes D Link / AMP / Molex / Legrand / Krone.	1	No	200.00
1394	ELEC-7.1.13	Supply of 24 port patch panels of makes D Link / AMP / Molex / Legrand / Krone.	1	No	6500.00
1395	ELEC-7.1.14	Supply of 100 pair MDF loaded with 2/10 Modular of Krone make or its equivalent.	1	No	3680.00
1396	ELEC-7.1.15	Supply of 100 Pair raiser cable for telephone makes Finolex / Delton / Surabi / Polycab.	1	Mtrs	387.00
1397	ELEC-7.1.16	Supply of 10 Pair telephone Copper wire of makes Finolex / Delton / Surabi / Polycab / Nakoda.	1	Mtr	40.00
1398	ELEC-7.1.17	Supply of 20 Pair telephone Copper wire of makes Finolex / Delton / Surabi / Polycab / Nakoda.	1	Mtr	76.00
1399	ELEC-7.1.18	Supply of 50 Pair telephone Copper wire of makes Finolex / Delton / Surabi / Polycab.	1	Mtr	195.00
1400	ELEC-7.1.19	Supply of 10 pair Telephone distribution box with back mount frame, krone connector, powder coated metal body with lock and key arrangement.	1	No	650.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1401	ELEC-7.1.20	Supply of 20 pair Telephone distribution box with back mount frame, krone connector, powder coated metal body with lock and key arrangement.	1	No	990.00
1402	ELEC-7.1.21	Supply of 50 pair Telephone distribution box with back mount frame, krone connector, powder coated metal body with lock and key arrangement.	1	No	2070.00
1403	ELEC-7.1.22	Supply of 200 pair Telephone distribution box with back mount frame, krone connector, powder coated metal body with lock and key arrangement.	1	No	7900.00
1404	ELEC-7.1.23	Supply of 6U floor mounting net work rack with power spike including all accessories of make HCL / Vall.	1	No	4700.00
1405	ELEC-7.1.24	Supply of 9U floor mounting net work rack with power spike including all accessories of make HCL / Vall.	1	No	5580.00
1406	ELEC-7.1.25	Supply of 12U floor mounting net work rack with power spike including all accessories of make HCL / Vall.	1	No	6484.00
1407	ELEC-7.1.26	Supply of 15U floor mounting net work rack with power spike including all accessories of make HCL / Vall.	1	No	7348.00
1408	ELEC-7.1.8	Supply of 17U floor mounting net work rack with power spike including all accessories of make HCL / Vall.	1	No	10125.00
1409	ELEC-7.1.9	Supply of 42U floor mounting net work rack with power spike including all accessories of make HCL / Vall.	1	No	13500.00
1381	ELEC-7.1.27	Supply of 6 Core (Indoor / Out door), Single mode armourd, Optic fibre cable of makes D Link / AMP / Molex / Legrand / Krone.	1	Mtrs	75.00
1382	ELEC-7.1.28	Supply of 12 Core (Indoor / Out door), Single mode armourd, Optic fibre cable of makes D Link / AMP / Molex / Legrand / Krone.	1	Mtrs	105.00
1383	ELEC-7.1.29	Supply of 6 port fibre distribution unit. (FDU / LIU) loaded with couplers etc complete of makes D Link / AMP / Molex / Legrand / Krone.	1	No	7500.00
1384	ELEC-7.1.30	Supply of 12 port fibre distribution unit. (FDU / LIU) loaded with couplers etc complete of makes D Link / AMP / Molex / Legrand / Krone.	1	No	9500.00
1385	ELEC-7.1.31	Supply of Subscriber connector (SC) to SC / LC patch card of 1 Mtr length of makes D Link / AMP / Molex / Legrand / Krone.	1	No	2000.00
1386	ELEC-7.1.32	Supply of Pigtaills for fibre core connectivity of makes D Link / AMP / Molex / Legrand / Krone.	1	No	350.00
1387	ELEC-7.1.33	Supply of Cat 6 RJ-45 information outlets including Single face plate of makes D Link / AMP / Molex / Legrand / Krone.	1	No	250.00
		RACEWAYS AND JUNCTION BOXES			
1410	ELEC-7.1.34	Supply of 100mm x 38mm G I Raceways of 2mm thick with top cover and required hard ware etc complete.	1	Mtrs	460.00
1411	ELEC-7.1.35	Supply of 150mm x 38mm G I Raceways of 2mm thick with top cover and required hard ware etc complete.	1	Mtrs	605.00
1412	ELEC-7.1.36	Supply of 300mm x 38mm G I Raceways of 2mm thick with top cover and required hard ware etc complete.	1	Mtrs	1035.00
1413	ELEC-7.1.37	Supply of 100mm x 25mm G I Raceways of 2mm thick with top cover and required hard ware etc complete.	1	Mtrs	435.00
1414	ELEC-7.1.38	Supply of 150mm x 25mm G I Raceways of 2mm thick with top cover and required hard ware etc complete.	1	Mtrs	560.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1415	ELEC-7.1.39	Supply of 300mm x 25mm G I Raceways of 2mm thick with top cover and required hard ware etc complete.	1	Mtrs	1010.00
1416	ELEC-7.1.40	Supply of 172mm x 52mm G.I. Junction box of 2mm thick for direct acces to cables at the inter section of Raceways.	1	No	340.00
1417	ELEC-7.1.41	Supply of 222mm x 52mm G.I. Junction box of 2mm thick for direct acces to cables at the inter section of Raceways.	1	No	430.00
1418	ELEC-7.1.42	Supply of 372mm x 52mm G.I. Junction box of 2mm thick for direct acces to cables at the inter section of Raceways.	1	No	830.00
	<b>8.1</b>	<b>MISSILLANEOUS ITEMS</b>			
1419	ELEC-8.1.1	Deleted From SOR 10-11 ELEC-8.1.1			
1420	ELEC-8.1.2	Deleted From SOR 10-11 ELEC-8.1.2			
1421	ELEC-8.1.3	Deleted From SOR 10-11 ELEC-8.1.3			
1422	ELEC-8.1.4	Supply of single fancy bracket with glass shade best Indian make	1	No	195.00
1423	ELEC-8.1.5	Supply of double fancy bracket with glass shade best Indian make	1	No	350.00
1424	ELEC-8.1.6	Supply of 10" ceiling fittings with glass doom best Indian make	1	No	175.00
1425	ELEC-8.1.7	Supply of Bulk head fitting with cast aluminium enamel painted body with water tight, clear glass with wire guard hinged with lock and key arrangements etc., complete of makes Bajaj / Crompton / Surya.	1	No	360.00
1426	ELEC-8.1.8	TW Seperators / Gutties	100	Nos	150.00
1427	ELEC-8.1.9	Rawl Plugs	100	Nos	25.00
1428	ELEC-8.1.10	U Nails	100	Nos	40.00
1429	ELEC-8.1.11	Alluminium Link Clips	144	Nos	50.00
1430	ELEC-8.1.12	50 mm G.I.Nut and Bolts.	1	Set	12.00
1431	ELEC-8.1.13	63 to 100 mm G.I.Nut and Bolts.	1	Set	22.00
1432	ELEC-8.1.14	50 mm 0 Gauge Nails	1	Doz	40.00
1433	ELEC-8.1.15	63 to 100 mm 0 Gauge Nails	1	Doz	66.00
1434	ELEC-8.1.16	Hard Coke	1	Kg	8.00
1435	ELEC-8.1.17	Salt	1	Kg	4.00
1436	ELEC-8.1.18	PVC Cleats 2 Way	100	Nos	300.00
1437	ELEC-8.1.19	PVC Cleats 4 Way	100	Nos	400.00
1438	ELEC-8.1.20	Binding Wire	1	Kg	55.00
1439	ELEC-8.1.21	PVC / Cotton Insulation tape Role ( 10 Mtrs)	1	No	15.00
1440	ELEC-8.1.22	C.I.Knob	1	No	12.00
1441	ELEC-8.1.23	Stay tight set (Jum bracket 300 mm)	1	Pair	275.00
1442	ELEC-8.1.24	Stay clamp with bolts and Nuts)	1	Set	176.00
1443	ELEC-8.1.25	L.T.Guy insulator	1	No	46.00
1444	ELEC-8.1.26	12 / 15 MS plain rod fan hook	1	No	20.00
1445	ELEC-8.1.27	19 / 20 mm Steel tube fan down rod	1	Rm	60.00
1446	ELEC-8.1.28	Consealed box PVC / MS with hook for fan	1	No	80.00
1447	ELEC-8.1.29	Coil Earthing	1	No	60.00
1448	ELEC-8.1.30	Cable root Indicators	1	No	75.00
1449	ELEC-8.1.31	40 mm x 40 mm x 6 mm angle iron with l bolt.	1	Set	220.00
1450	ELEC-8.1.32	Mild Steel Items	1	Kg	55.00
1451	ELEC-8.1.33	Deleted From SOR 10-11 ELEC-8.1.33			
1453	ELEC-8.1.34	Acrylic Cover of size 4" x 7" for night lamps.	1	No	15.00
1454	ELEC-8.1.35	TW / PVC Round Blocks	1	No	6.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1455	ELEC-8.1.36	G.I.Funnel with Mesh 1/2" x 4"	1	No	75.00
1456	ELEC-8.1.37	Asbestos Sheet	1	Sqft	20.00
1457	ELEC-8.1.38	First Aid box 18" x 12" x 8"	1	No	1000.00
1458	ELEC-8.1.39	11 KV/22 KV Hand gloves	1	No	140.00
1459	ELEC-8.1.40	Copper plate / Copper strip (Per K.G)	1	Kg	550.00
1460	ELEC-8.1.41	No. 8/10 SWG copper wire (per K.G)	1	Kg	550.00
1461	ELEC-8.1.42	PVC Insulated copper winding wire of fine quality (per K. G)	1	Kg	660.00
1462	ELEC-8.1.43	No. 14 SWG copper wire (per K. G)	1	Kg	550.00
1463	ELEC-8.1.44	Copper winding wire (per K. G)	1	Kg	637.00
1464	ELEC-8.1.45	G.I. Strip / Plate / Wire (per K. G)	1	Kg	62.00
1465	ELEC-8.1.46	Alluminum Bus bars/Strips/accessories	1	Kg	213.00
1466	ELEC-8.1.47	Alluminum winding wire	1	Kg	293.00
1467	ELEC-8.1.48	6.2 Volt series bulb (25 Nos.)	25	Nos	83.00
1468	ELEC-8.1.49	6.2 Volt series bulb with navar plate(25 Nos.)	25	Nos	88.00
1469	ELEC-8.1.50	Supply of Rotating machine	1	No	15000.00
1470	ELEC-8.1.51	Supply and fixing of 6mm thick MS Chekered plate.	1	Kg	61.00
1471	ELEC-8.1.52	Supply and fixing of 6mm thick Alluminium Chekered plate.	1	Kg	242.00
1472	ELEC-8.1.53	Copper old winding Wire scrap for 1 Kg	1	Kg	150.00
1473	ELEC-8.1.54	Cement	1	Kg	5.60
1474	ELEC-8.1.55	Hylam Sheet	1	Sqin	0.60
1475	ELEC-8.1.56	Earth work excacvation including all soils for trench, Pole Pit and Earth Pit.	1	Cum	200.00
1476	ELEC-8.1.57	Cost of Sand	1	Cum	540.00
1477	ELEC-8.1.58	Cost of Bricks	1000	Nos	3472.00
1478	ELEC-8.1.59	25mm Nominal Bore light grade G.I.Pipe	1	Mtr	205.00
1479	ELEC-8.1.60	25mm Nominal Bore Medium grade G.I.Pipe	1	Mtr	220.00
1480	ELEC-8.1.61	40mm Nominal Bore light grade G.I.Pipe	1	Mtr	323.00
1481	ELEC-8.1.62	40mm Nominal Bore Medium grade G.I.Pipe	1	Mtr	346.00
1482	ELEC-8.1.63	Drilling of 16 Nos through holes of 12mm dia to G.I pipe	1	No	5.00
1483	ELEC-8.1.64	G.I Nuts, Bolts an Washers each set	1	Set	10.00
1484	ELEC-8.1.65	18" dia 2" thick hume pipe ring	1	No	200.00
1485	ELEC-8.1.66	18" dia 3" hume pipe ring	1	No	250.00
1486	ELEC-8.1.67	2" thick CC cover for hume pipe ring with handle.	1	No	110.00
1487	ELEC-8.1.68	Supply of Saddle / Clamps suitable for fixing 2 Core 4 to 10 Sqmm Cable.	100	Nos	226.00
1488	ELEC-8.1.69	Supply of Saddle / Clamps suitable for fixing 4 Core 4 & 6 Sqmm Cable.	100	Nos	226.00
1489	ELEC-8.1.70	Supply of Saddle / Clamps suitable for fixing 4 Core 10 & 16 Sqmm Cable.	100	Nos	285.00
1490	ELEC-8.1.71	Supply of Saddle / Clamps suitable for fixing 3.5 Core 25 & 35 Sqmm Cable.	100	Nos	347.00
1491	ELEC-8.1.72	Supply of Saddle / Clamps suitable for fixing 3.5 Core 50 Sqmm Cable.	100	Nos	495.00
1492	ELEC-8.1.73	Supply of Saddle / Clamps suitable for fixing 3.5 Core 70 & 95 Sqmm Cable.	100	Nos	550.00
1493	ELEC-8.1.74	Supply of Saddle / Clamps suitable for fixing 3.5 Core 120 to 185 Sqmm Cable.	100	Nos	660.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1494	ELEC-8.1.75	Supply of Saddle / Clamps suitable for fixing 3.5 Core 240 & 300 Sqmm Cable.	100	Nos	825.00
1495	ELEC-8.1.76	Supply of Saddle / Clamps suitable for fixing 3.5 Core 400 Sqmm Cable.	100	Nos	1100.00
		<b>LABOUR RATES</b>			
1496	ELEC-8.1.77	Skilled Electrician	1	No	400.00
1497	ELEC-8.1.78	Semi Skilled Electrician / Lineman	1	No	320.00
1498	ELEC-8.1.79	Skilled Mason	1	No	350.00
1499	ELEC-8.1.80	Semi Skilled Mason	1	No	320.00
1500	ELEC-8.1.81	Skilled Welder	1	No	350.00
1501	ELEC-8.1.82	Semi Skilled Welder	1	No	
1502	ELEC-8.1.83	Skilled Fitter	1	No	350.00
1503	ELEC-8.1.84	Semi Skilled Fitter	1	No	320.00
1504	ELEC-8.1.85	Helper (Electrical)	1	No	320.00
1505	ELEC-8.1.86	Skilled Carpenter	1	No	350.00
1506	ELEC-8.1.87	Semi Skilled Carpenter	1	No	320.00
1507	ELEC-8.1.88	Man Mazdoor	1	No	280.00
1508	ELEC-8.1.89	DG Set operator/Air Compressor	1	No	350.00
1509	ELEC-8.1.90	2nd Class DG Set operator/Air Com	1	No	320.00
1510	ELEC-8.1.91	Plumber (Licensed)/Pipe Fitter	1	No	400.00
1511	ELEC-8.1.92	Painter Class -2	1	No	320.00
1512	ELEC-8.1.93	Diploma Engineer / Surveyor	1	No	500.00
1513	ELEC-8.1.94	Graduate Engineer	1	No	670.00
1514	ELEC-8.1.95	ITI Certificate holder	1	No	400.00
1515	ELEC-8.1.96	Stenographer / Computer Operator	1	No	440.00
1452	ELEC-8.1.97	Supply and fixing of Anchor fastner with fan hook / Providing MS Fan hook with grouting and cement plastering.	1	No	80.00
	<b>9.1</b>	<b>WIRELESS FIRE ALARAM SYSTEM</b>			
1516	ELEC-9.1.1	Supply and fixing of wireless smoke detection control panel of 28 wireless zones, 2 Hard wired Zones, Tamper Alert, Pass code protected, RF jamming recognition, diagnostic feature for RF signal strength between panel and each detector, vent reporting using PSTN telephone line, dialing upto 4 telephone numbers, event reporting as per users choice, LCD screen display, two way voice interaction, battery backup stand by time up to 12 hrs. (Cease Fire / Visonic / Honeywell / Secutron) Including transportation, all taxes and all labour charges etc complete.	1	No	42171.00
1517	ELEC-9.1.2	Supply and fixing of Wireless Repeater.The wireless repeater extends the communication range of detection by relaying data between receiver and remote wireless transmitter. (Cease Fire / Visonic / Honeywell / Secutron) Including transportation, all taxes and all labour charges etc complete.	1	No	9961.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1518	ELEC-9.1.3	Supply and fixing of Wireless Siren Strobe external wireless siren - a fully supervised power code outdoor (IP55) wireless Siren and strobe light. Designed for external installation. Wire - Free connection between control panel and siren. Convenient rapid no- mess installation. Separate fire alarm signals, 98db Piezo siren and high power strobe light. Weather resistant, IP55, 2-way communication for local and remote diagnostics. Plug-in power supply, NIMH rechargeable back-up power battery, transmits status, tamper, low- battery, supervisory and AC loss messages to the control panel, Tri- State tamper switch identifies screw manipulation removal of cover or playing from the wall.(Cease Fire / Visonic / Honeywell / Secutron) Including transportation, all taxes and all labour charges etc complete.	1	No	13946.00
1519	ELEC-9.1.4	Supply and fixing of wireless Fully Supervised Smoke Detector, Photoelectric detection technology for superior detection sensitivity , sound and transmitted for smoke, tamper and low battery, works on power code protocol, easy programming and enrolling to the control panel, long life 9 volt alkaline or lithium battery. (Cease Fire / Visonic / Honeywell / Secutron) Including transportation, all taxes and all labour charges etc complete.	1	No	6973.00
	<b>9.2</b>	<b>ADDRESSABLE - FIRE ALARM SYSTEM</b>			
1520	ELEC-9.2.1	Supply, Installation, testing and commissioning of wall <b>mounting 10 loop micro processor</b> based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 10 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Notifier / Edwards).	1	No	688750.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1521	ELEC-9.2.2	Supply, Installation, testing and commissioning of wall mounting 10 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 10 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens / Morley / Bosch).	1	No	641250.00
1522	ELEC-9.2.3	Supply, Installation, testing and commissioning of wall <b>mounting 8 loop micro processor</b> based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 8 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications. (Makes: Notifier / Edwards).	1	No	498750.00
1523	ELEC-9.2.4	Supply, Installation, testing and commissioning of wall mounting 8 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 8 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens / Morley / Bosch).	1	No	446500.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1524	ELEC-9.2.5	Supply, Installation, testing and commissioning of wall mounting 6 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 6 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications. (Makes: Notifier / Edwards).	1	No	460750.00
1525	ELEC-9.2.6	Supply, Installation, testing and commissioning of wall mounting 6 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 6 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications. (Makes: Siemens / Morley / Bosch).	1	No	413250.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1526	ELEC-9.2.7	Supply, Installation, testing and commissioning of wall mounting 4 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 4 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Notifier / Edwards).	1	No	308750.00
1527	ELEC-9.2.8	Supply, Installation, testing and commissioning of wall mounting 4 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 4 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens / Morley / Bosch).	1	No	275500.00
1528	ELEC-9.2.9	Supply, Installation, testing and commissioning of wall mounting 2 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable beeing integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 2 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Notifier / Edwards).	1	No	261250.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1529	ELEC-9.2.10	Supply, Installation, testing and commissioning of wall mounting 2 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 2 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens / Morley / Bosch).	1	No	232750.00
1530	ELEC-9.2.11	Supply, Installation, testing and commissioning of wall <b>mounting 1 loop micro processor</b> based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 1 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Notifier / Edwards).	1	No	237500.00
1531	ELEC-9.2.12	Supply, Installation, testing and commissioning of wall mounting 1 loop micro processor based analog addressable fire control panel expandable by minimum 2 additional loops with minimum 80 character LCD display 4 access levels 1000 events, historical logging, flash E-PROM, 240 volts A C Power supply, automatic battery charger, 24V SLA batteries suitable for operating the entire system including tack back units and the hooters/strobes for a minimum of 4 hours in battery condition the panel shall have suitable power amplifiers for hooter / strobes the panel shall be capable being integrated with the BMS system and shall include cost of supply, installation of any additional modules or interfaces required for the same. The panel shall be completed as per the specification and as required fixing of 1 loop Micro processor based Fire Alarm control panel with zonal indications and battery back up as per detailed specifications.(Makes: Siemens / Morley / Bosch).	1	No	209000.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1532	ELEC-9.2.13	Supply, Installation, testing and commissioning of intellegent analogue addressable Repeater panel including the cost of mounting accessories complete as per specification as required. (Makes: Notifier / Edwards).	1	No	118750.00
1533	ELEC-9.2.14	Supply, Installation, testing and commissioning of intellegent analogue addressable Repeater panel including the cost of mounting accessories complete as per specification as required. (Makes: Siemens / Morley / Bosch).	1	No	106400.00
1534	ELEC-9.2.15	Supply and fixing of addressable wall mounting strobes cum hooters including the cost of mounting accessories complete as per specifications and as required including testing and commissioning. (Makes: Notifier / Edwards).	1	No	6413.00
1535	ELEC-9.2.16	Supply and fixing of addressable wall mounting strobes cum hooters including the cost of mounting accessories complete as per specifications and as required including testing and commissioning. (Makes: Siemens / Morley / Bosch).	1	No	5700.00
1536	ELEC-9.2.17	Supply and installation of addressable analogue manual call point with resetable flexible element to initiate alarm including the cost of mounting accessories etc. complete. (Makes: Notifier / Edwards).	1	No	6223.00
1537	ELEC-9.2.18	Supply and installation of addressable analogue manual call point with resetable flexible element to initiate alarm including the cost of mounting accessories etc. complete. (Makes: Siemens / Morley / Bosch).	1	No	5605.00
1538	ELEC-9.2.19	Supply and instllation of intallegent analogue addressable photo electric smoke detector including cost of base plate etc., complete as per specification with required fittings and accessories. (Makes: Notifier / Edwards).	1	No	6365.00
1539	ELEC-9.2.20	Supply and instllation of intallegent analogue addressable photo electric smoke detector including cost of base plate etc., complete as per specification with required fittings and accessories. (Makes: Siemens / Morley / Bosch).	1	No	5700.00
1540	ELEC-9.2.21	Supply and installation of intallegent analogue addressable rate of rise cum fixed temparature heat detectors including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required. (Makes: Notifier / Edwards).	1	No	5059.00
1541	ELEC-9.2.22	Supply and installation of intallegent analogue addressable rate of rise cum fixed temparature heat detectors including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required. (Makes: Siemens / Morley / Bosch).	1	No	4560.00
1542	ELEC-9.2.23	Supply and installation of intallegent analogue addressable multi criterion detectors below false ceiling/on ceiling including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required. (Makes: Notifier / Edwards).	1	No	6175.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1543	ELEC-9.2.24	Supply and installation of intelligent analogue addressable multi criterion detectors below false ceiling/on ceiling including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required. (Makes: Siemens / Morley / Bosch).	1	No	5558.00
1544	ELEC-9.2.25	Supply and Installation of Intelligent analogue addressable Control Modules including the cost of mounting accessories complete as per specifications and as required. (Makes: Notifier / Edwards).	1	No	5225.00
1545	ELEC-9.2.26	Supply and Installation of Intelligent analogue addressable Control Modules including the cost of mounting accessories complete as per specifications and as required. (Makes: Siemens / Morley / Bosch).	1	No	4655.00
1546	ELEC-9.2.27	Supply and Installation of Intelligent analogue addressable monitor modules including the cost of mounting accessories complete as per specifications and as required. (Makes: Notifier / Edwards).	1	No	5225.00
1547	ELEC-9.2.28	Supply and Installation of Intelligent analogue addressable monitor modules including the cost of mounting accessories complete as per specifications and as required. (Makes: Siemens / Morley / Bosch).	1	No	4655.00
1548	ELEC-9.2.29	Supply and Installation of Intelligent analogue addressable fault isolator modules including the cost of mounting accessories complete as per specifications and complete as required. (Makes: Notifier / Edwards).	1	No	4275.00
1549	ELEC-9.2.30	Supply and Installation of Intelligent analogue addressable fault isolator modules including the cost of mounting accessories complete as per specifications and complete as required. (Makes: Siemens / Morley / Bosch).	1	No	3800.00
	<b>9.3</b>	<b>CONVENTIONAL - FIRE ALARM SYSTEM</b>			
1550	ELEC-9.3.1	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 2 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle)	1	No	7500.00
1551	ELEC-9.3.2	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 4 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle)	1	No	9000.00
1552	ELEC-9.3.3	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 6 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle)	1	No	12500.00
1553	ELEC-9.3.4	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 8 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle)	1	No	14500.00
1554	ELEC-9.3.5	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 10 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle)	1	No	18500.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1555	ELEC-9.3.6	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 12 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle)	1	No	20500.00
1556	ELEC-9.3.7	Supply, Installation, testing and commissioning of conventional Micro processor based Fire Alarm panel with 14 zone, 12V SMF batteries etc., complete with all standard accessories. (Makes: System Censor / Ravel / Pinnacle)	1	No	25000.00
1557	ELEC-9.3.8	Supply and installation of Repeater panel including the cost of mounting accessories complete as per specifications and as required. (Makes: System Censor / Ravel / Pinnacle)	1	No	12500.00
1558	ELEC-9.3.9	Supply and installation of duel tone electronic hooter of 85dB including the cost of mounting accessories complete as per specifications and as required.	1	No	675.00
1559	ELEC-9.3.10	Supply and installation of dust and vermin proof manual call point to initiate audio visual alarm including the cost of mounting accessories complete as per specifications and as required.	1	No	650.00
1560	ELEC-9.3.11	Supply and installation of response indicators for above false ceiling detectors.	1	No	150.00
1561	ELEC-9.3.12	Supply and installation of plug - in type multi criterion detectors including the cost of base plate. 75mm dia M.S. outlet box for fixing of the detector base. Mounting accessories etc., complete as per specifications as required. (Makes: System Censor / Ravel / Pinnacle)	1	No	1800.00
1562	ELEC-9.3.13	Supply and installation of plug -in type photo electric smoke detectors including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base. Mounting accessories etc complete and as per specifications and as required. (Makes: System Censor / Ravel / Pinnacle)	1	No	1750.00
1563	ELEC-9.3.14	Supply and installation of plug -in type rate of rise cum fixed temperature heat detectors including the cost of base plate. 75mm dia MS outlet box for fixing of the detector base, mounting accessories etc., complete as per specifications and as required. (Makes: System Censor / Ravel / Pinnacle)	1	No	1700.00
	<b>9.4</b>	<b>FIRE EXTINGUISHERS</b>			
1564	ELEC-9.4.1	Supply and fixing of ABC stored pressure squeeze grip type fire extinguishers, <b>10 kg capacity</b> , ISI CE marked Is:13849 filled with ABC Mono Ammonium Phosphate base powder-90 pressurized with dry Nitrogen Gas at 15 Kg / sqcm complete with discharge hose and wall mounting bracket, Insta Alert facility, 2mm Mild Steel, EPDM Rubbers, Pressure Guage, which work effectively on all class of fires (A, B, C & Electrical fires) with 5 years warranty ( <b>Cease Fire / Minimax make</b> ) Including transportation, all taxes and all labour charges etc complete.	1	No	9009.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1565	ELEC-9.4.2	Supply and fixing of ABC stored pressure squeeze grip type fire extinguishers, <b>10 kg capacity</b> , ISI CE marked Is:13849 filled with ABC Mono Ammonium Phosphate base powder-50 pressurized with dry Nitrogen Gas at 15 Kg / sqcm complete with discharge hose and wall mounting bracket, 2mm Mild Steel, EPDM Rubbers, Pressure Guage, which work effectively on all class of fires (A, B, C & Electrical fires) with 2 years warranty ( <b>Safex / Kenex / Bharat / Reliance make</b> ) Including transportation, all taxes and all labour charges etc complete.	1	No	6394.00
1566	ELEC-9.4.3	Supply and fixing of ISI make ABC Power <b>MAP 5 Kg Fire extinguisher</b> Mono ammonium phosphate power 90, stored pressure type, pressure gauge gross wt. 8 kg, empty wt.3 kg, can Ht.449mm, Diameter 150mm, Discharge time less than 15 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C & electrically started fires, A- rating 144A, B-rating 89B, can construction: Deep drawn Co2 mig welding, wall construction: Forging & Machining, internal coating of can: Epoxy power coating, External coating of Can:Epoxy polyester powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, insta - alert, ISI & EN approved with 5 years warranty ( <b>Cease Fire / Minimax make</b> ) Including transportation, all taxes and all labour charges etc complete.	1	No	6161.00
1567	ELEC-9.4.4	Supply and fixing of ISI make ABC Power MAP 5 Kg Fire extinguisher Mono ammonium phosphate power 90, stored pressure type, pressure gauge gross wt. 8 kg, empty wt.3 kg, can Ht.449mm, Diameter 150mm, Discharge time less than 15 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C & electrically started fires, A- rating 144A, B-rating 89B, can construction: Deep drawn Co2 mig welding, wall construction: Forging & Machining, internal coating of can: Epoxy power coating, External coating of Can:Epoxy polyester powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, ISI & EN approved with 2 years warranty ( <b>Safex / Kenex / Bharat / Reliance make</b> ) Including transportation, all taxes and all labour charges etc complete.	1	No	3981.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1568	ELEC-9.4.5	Supply and fixing of ISI make ABC Power <b>MAP 2 Kg Fire extinguisher</b> Mono ammonium phosphate power 90, stored pressure type, pressure gauge gross wt. 8 kg, empty wt.3 kg, can Ht.449mm, Diameter 150mm, Discharge time less than 15 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C electrically started fires, A- rating 144A, B-rating 89B, can construction: Deep drawn Co2 mig welding, wall construction: Forging & Machining, internal coating of can: Epoxy power coating, External coating of Can:Epoxy polyster powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, insta - alert, ISI & EN approved with 5 years warranty ( <b>Cease Fire / Minimax make</b> ) Including transportation, all taxes and all labour charges etc complete.	1	No	4142.00
1569	ELEC-9.4.6	Supply and fixing of ISI make ABC Power MAP 2 Kg Fire extinguisher Mono ammonium phosphate power 50, stored pressure type, pressure gauge gross wt. 8 kg, empty wt.3 kg, can Ht.449mm, Diameter 150mm, Discharge time less than 15 sec, controllable discharge mechanism, range min. 4 mts applicable on classes A,B, C electrically started fires, A- rating 144A, B-rating 89B, can construction: Deep drawn Co2 mig welding, wall construction: Forging & Machining, internal coating of can: Epoxy power coating, External coating of Can:Epoxy polyster powder coating, sheet metal thickness:1.80mm, Helium leakage detection tested, ISI & EN approved with 2 years warranty ( <b>Safex / Kenex / Bharat / Reliance make</b> ) Including transportation, all taxes and all labour charges etc complete.	1	No	2693.00
1570	ELEC-9.4.7	Supply and fixing of ISI make Ceiling Mounted <b>ABC MAP 90, 5 Kg stored pressure type</b> , pressure gauge, Gross Wt.7.7 kg, Empty Wt.2.7 kg, Can Ht226mm , Dia 230mm, Discharge time : less than 8 sec, Auto discharge mechanism on temperature rise, Applicable on A,B,C, & Electrically - started fires, Can Construction: Forging & Machining, Internal coating of Can: Epoxy Power coating, External Coating of Can: Epoxy Polyster powder coating, sheet metal thickness:1.80mm , Helium leakage detection tested, Insta - alert, ISI & EN approved with 5 years warranty ( <b>Cease Fire / Minimax make</b> ) Including transportation, all taxes and all labour charges etc complete.	1	No	6625.00
1571	ELEC-9.4.8	Supply and fixing of ISI make Ceiling Mounted ABC MAP 50, 5 Kg stored pressure type, pressure gauge, Gross Wt.7.7 kg, Empty Wt.2.7 kg, Can Ht226mm , Dia 230mm, Discharge time : less than 8 sec, Auto discharge mechanism on temperature rise, Applicable on A,B,C, & Electrically - started fires, Can Construction: Forging & Machining, Internal coating of Can: Epoxy Power coating, External Coating of Can: Epoxy Polyster powder coating, sheet metal thickness:1.80mm , Helium leakage detection tested, ISI & EN approved with 2 years warranty ( <b>Safex / Kenex / Bharat / Reliance make</b> ) Including transportation, all taxes and all labour charges etc complete.	1	No	5339.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1572	ELEC-9.4.9	Supply and fixing of 2 Kg Fire extinguisher Clean Agent HFC 236, Zero ODP, Stored pressure type, pressure guage, gross weight 3.6Kg empty weight 1.6 Kg, can weight 341mm, Diameter 108mm, discharge time minimum 6 secs, controllable discharge mechanism, range minimum 2 meters, applicable on class A,B,C and electrically started Fire, A rating 5A, B rating 34B, can construction: Deep drawn & CO2 mig welded, Valve construction: Forging & Machining, Internal coating of Can: Epoxy powder coating, External coating of can: Epoxy polyster powder coating, sheet metal thickness: 1.60 mm, Helium leak detection tested, 5 Years warranty. <b>(Makes: Ceasefire / Minimax)</b>	1	No	13870.00
1573	ELEC-9.4.10	Supply and fixing of 4 Kg Fire extinguisher Clean Agent HFC 236, Zero ODP, Stored pressure type, pressure guage, gross weight 6.9Kg empty weight 2.9 Kg, can weight 435mm, Diameter 140mm, discharge time minimum 9 secs, controllable discharge mechanism, range minimum 4 meters, applicable on class A,B,C and electrically started Fire, A rating 8A, B rating 55B, can construction: Deep drawn & CO2 mig welded, Valve construction: Forging & Machining, Internal coating of Can: Epoxy powder coating, External coating of can: Epoxy polyster powder coating, sheet metal thickness: 1.60 mm, Helium leak detection tested, 5 Years warranty. <b>(Makes: Ceasefire / Minimax)</b>	1	No	24415.00
1574	ELEC-9.4.11	Supply and fixing of Co2 type Fire Extinguishers <b>4.5 Kg capacity</b> confirming to IS 2878 made from ISI marked steam less cylinder confirming to IS:7285 & CE certified and fitted with ISI marked controlled valve confirming to IS:3224, high pressure 1 Mtr discharge hose & horn complete with initial gas charged with carrying handle with wheels and wall mounting bracket. Squeeze lever discharge, used un-used indicator, Aphoxy coated paint (Red) with 93% gloss with 2 years warranty <b>(Cease Fire / Minimax make)</b> Including transportation, all taxes and all labour charges etc complete.	1	No	9961.00
1575	ELEC-9.4.12	Supply and fixing of Co2 type Fire Extinguishers 4.5 Kg capacity confirming to IS 2878 made from ISI marked steam less cylinder confirming to IS:7285 & CE certified and fitted with ISI marked controlled valve confirming to IS:3224, high pressure 1 Mtr discharge hose & horn complete with initial gas charged with carrying handle with wheels and wall mounting bracket. Squeeze lever discharge, used un-used indicator, Aphoxy coated paint (Red) with 93% gloss with 2 years warranty <b>(Safex / Kenex / Bharat / Reliance make)</b> Including transportation, all taxes and all labour charges etc complete.	1	No	7467.00
1576	ELEC-9.4.13	Supply and fixing of DCP powder type cylindrical shape fire extinguisher 2 Kg with fixing hangers, hose, brackets, screws to required size etc., complete as per IS:13849 - wall mounted type. <b>(Makes: Minimax / Safex / Kenex / Reliance)</b>	1	No	2100.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1577	ELEC-9.4.14	Supply and fixing of DCP powder type cylindrical shape fire extinguisher 5 Kg with fixing hangers, hose, brackets, screws to required size etc., complete as per IS:13849 - wall mounted type. <b>(Makes: Minimax / Safex / Kenex / Reliance)</b>	1	No	3100.00
1578	ELEC-9.4.15	Supply and fixing of DCP powder type cylindrical shape fire extinguisher 10 Kg with fixing hangers, hose, brackets, screws to required size etc., complete as per IS:13849 - wall mounted type. <b>(Makes: Minimax / Safex / Kenex / Reliance)</b>	1	No	4100.00
1579	ELEC-9.4.16	Supply and fixing of Escape signage boards in Rigid Photo luminescent based glow in Dark rigid sheet with high intensity luminous properties with specificaiton of Cease Fire or its equivalent make Model-1ES01	1	No	1300.00
1580	ELEC-9.4.17	Supply and fixing of Cease fire or its equivalent Escape gear Mild Steel box size 425mmx360mmx140mm Epoxy powder coated to protect it from Weathering , smoke hood tested to Eupropean Standard EN 403 1993-S known to reduce Carbon Monoxide, propend(acrloein), hydrogen chloride, hydrogen Cyanide and Solid and liquid toxic particles to manageable level for atleast 15 minutes shall with stand tempeartures upto 80 degrees single use only Fire Blanket size 1.2m x1.8m used to cover any vessel containing used to Extinguish a clothing fire wrap blanket around the victim.	1	No	15010.00
1581	ELEC-9.4.18	Supply and fixing of 4Nos of 9 Ltrs capacity round bottom sand buckets along with bucket sand, Fire buckets with round bottom type enamel painted, white inside & red out side and letter FIRE inblack out side & Handle with mounting bracket.	1	Set	1200.00
1582	ELEC-9.4.19	Supply anmd fixing of Fire bucket stand fabricated by M.S. angles to install for two numbers of buckets as per local fire officers standards.	1	Set	1000.00
	<b>9.5</b>	<b>FIRE HYDRANT AND SPRINKLER SYSTEM</b>			
1583		Deleted From SOR 11-12 ELEC-9.5.1			
1584	ELEC-9.5.1	Supplying, installation, testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following complete in all respect as required	1	Set	354000.00
		a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow <b>of 1620 lpm at 56 Mtr. head</b> conforming to IS 1520			
		b) Suitable HP SQ cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325			
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps: Kirloskar / Mather&Platt. Makes of Motors: Siemens/ ABB/ Kirloskar			
1585		Deleted From SOR 11-12 ELEC-9.5.2			
1586	ELEC-9.5.2	Supplying , installation , testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	1	Set	390000.00
		a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow <b>of 2280 lpm at 70 Mtr. head</b> conforming to IS 1520			
		b) Suitable HP SQ cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325			
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.			
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps: Kirloskar / Mather&Platt. Makes of Motors: Siemens/ ABB/ Kirloskar			
1587		Deleted From SOR 11-12 ELEC-9.5.3			
1588	ELEC-9.5.3	Supplying , installation , testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required.	1	Set	446400.00
		a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow <b>of 2850 lpm at 70 Mtr. head</b> conforming to IS 1520			
		b) Suitable HP SQ cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325			
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.			
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps: Kirloskar / Mather&Platt. Makes of Motors: Siemens/ ABB/ Kirloskar			
1589		Deleted From SOR 11-12 ELEC-9.5.4			
1590	ELEC-9.5.4	Supplying , installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	1	Set	468000.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow of <b>1620 lpm at 56 Mtr head</b> conforming to IS 1520			
		b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS & IS standard complete with auto starting mechanism, 12 Volts / 24 Volts electric starting equipment, Diesel Tank, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50mm thick glass wool with 1.0mm thick alluminium sheet cladding, residential silencer, instruments and protection as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc as required.			
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.			
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt			
1591		Deleted From SOR 11-12 ELEC-9.5.5			
1592	ELEC-9.5.5	Supplying , installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	1	Set	678000.00
		a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow of <b>2280 lpm at 70 Mtr head</b> conforming to IS 1520			
		b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS & IS standard complete with auto starting mechanism, 12 Volts / 24 Volts electric starting equipment, Diesel Tank, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50mm thick glass wool with 1.0mm thick alluminium sheet cladding, residential silencer, instruments and protection as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc as required.			
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.			
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt			
1593		Deleted From SOR 11-12 ELEC-9.5.6			
1594	ELEC-9.5.6	Supplying , installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	1	Set	762000.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 Kg / sq.cm. at highest and farthest outlet at specified flow of <b>2850 lpm at 70 Mtr head</b> conforming to IS 1520		
		b) Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS & IS standard complete with auto starting mechanism, 12 Volts / 24 Volts electric starting equipment, Diesel Tank, exhaust pipe extended upto 1 m. outside pump house duly insulated with 50mm thick glass wool with 1.0mm thick alluminium sheet cladding, residential silencer, instruments and protection as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc as required.		
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt		
1595	ELEC-9.5.7	Supplying , installation , testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	1 Set	268750.00
		a) End suction back pull out centrifugal pump, Std fitted with BRONZE IMPELLER & gland packing ,capacity 171 Cum/hr (2850 LPM) at total head 70 M at operating speed 2900 rpm. Pump duty as per TAC		
		b) 55 KW / 75 HP, 3000 srpm, TEFC (IP55) horizontal foot mounted, squirrel cage induction motor, suitable for 415 volts +/- 10%, 3 Ph, 50 Hz +/-5%, a.c.supply. Class 'F' insulated and suitable for ambient temperature up to 50 deg C. Motor in frame SC 250 M frame for driving above pump.		
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.		
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps: Kirloskar / Mather&Platt. Makes of Motors: Siemens/ ABB/ Kirloskar		
1596	ELEC-9.5.8	Supplying , installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	1 Set	556250.00
		a) End suction back pull out pump, Std fitted with BRONZE Impeller & gland packing, capable of delivering 171 Cum/hr(2850 LPM) at a total head of 70 M when operated at 1800 rpm and pump duty as per TAC		
		b) Liquid cooled, 85 BHP at 1800 rpm, diesel engine (Radiator cooled) 12 Volts starting system with standard accessories		

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.			
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt			
1597	ELEC-9.5.9	Supplying , installation , testing and commissioning of electric driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	1	Set	218750.00
		a) End suction back pull out centrifugal pump, Std fitted with BRONZE IMPELLER & gland packing ,capacity 137 Cum/hr (2280 LPM) at total head 70 mwc at operating speed 2900 rpm. Pump duty as per TAC			
		b) 45 KW / 60 HP, 3000 srpm, TEFC (IP55) Horizontal foot mounted, squirrel cage induction motor, suitable for 415 volts +/- 10%, 3 Ph, 50 Hz +/-5%, a.c.supply. Class 'F' insulated and suitable for ambient temperature up to 50 deg C. Motor in frame SC 225 M frame			
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.			
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps: Kirloskar / Mather&Platt. Makes of Motors: Siemens/ ABB/ Kirloskar			
1598	ELEC-9.5.10	Supplying, installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	1	Set	443750.00
		a) End suction back pull out pump, Std fitted with BRONZE Impeller & gland packing, capable of delivering 137 Cum/hr(2280 LPM) at a total head of 70 M when operated at 2150 rpm and pump duty as per TAC			
		b) Liquid cooled, 68 BHP at 1800 rpm, Diesel engine (Radiator cooled) 12 Volts starting system with standard accessories			
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.			
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt			
1599	ELEC-9.5.11	Supplying, installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	1	Set	161250.00
		a) End suction back pull out centrifugal pump, Std fitted with BRONZE IMPELLER & gland packing ,capacity 97 Cum/hr (1620 LPM) at total head 56 mwc at operating speed 2900 rpm. Pump duty as per TAC			
		b) 30 KW / 40 HP, 3000 srpm, TEFC (IP55) horizontal foot mounted, squirrel cage induction motor, suitable for 415			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		volts +/- 10%, 3 Ph, 50 Hz +/-5%, a.c.supply. Class 'F' insulated and suitable for ambient temperature up to 50 deg C. Motor in frame SC 250 M frame for driving above pump.			
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.			
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps: Kirloskar / Mather&Platt. Makes of Motors: Siemens/ ABB/ Kirloskar			
1600	ELEC-9.5.12	Supplying , installation, Testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following : complete in all respect as required	1	Set	387500.00
		a) End suction back pull out pump, Std fitted with BRONZE Impeller & gland packing, capable of delivering 97 Cum/hr(1620 LPM) at a total head of 56 M when operated at 2150 rpm and pump duty as per TAC			
		b) Liquid cooled, 50 BHP at 1800 rpm, Diesel engine (Radiator cooled) 12 Volts starting system with standard accessories			
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.			
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Engines : Kirloskar / Cummins. Makes of Pumps : Kirloskar / Mather&Platt			
1601		Deleted From SOR 11-12 ELEC-9.5.7			
1602	ELEC-9.5.13	Supplying , installation , testing and commissioning of electric driven pressurisation / Jockey pump suitable for automatic operation and consisting of following : complete in all respect as required	1	Set	55000.00
		a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of <b>180 lpm at 56 Mtr head</b> conforming to IS 1520			
		b) Suitable HP SQ cage induction motor TEFC type suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325			
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.			
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps : Kirloskar / Mather&Platt. Makes of Motors : Siemens/ ABB/ Kirloskar			
1603	ELEC-9.5.14	Supplying , installation , testing and commissioning of electric driven pressurisation / Jockey pump suitable for automatic operation and consisting of following : complete in all respect as required	1	Set	77860.00
		a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft,			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		mechanical seal and flow of <b>180 lpm at 70 Mtr head</b> conforming to IS 1520			
		b) Suitable HP SQ cage induction motor TEFC type suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325			
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.			
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps : Kirloskar / Mather&Platt. Makes of Motors : Siemens/ ABB/ Kirloskar			
1604		Deleted From SOR 11-12 ELEC-9.5.9			
1605	ELEC-9.5.15	Supplying , installation , testing and commissioning of electric driven Terrace / Booster pump suitable for automatic operation and consisting of following : complete in all respect as required.	1	Set	62450.00
		a) Horizontal type, multistage, centrifugal pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of <b>900 lpm at 45 Mtr head</b> conforming to IS 1520			
		b) Suitable HP SQ cage induction motor TEFC type suitable for operation on 415Volts, 3 phase 50 Hz. AC with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325			
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.			
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes of Pumps : Kirloskar / Mather&Platt. Makes of Motors : Siemens / ABB / Kirloskar			
1606	ELEC-9.5.16	Supplying , installation , testing and commissioning of electric driven Terrace / Mono Bloc Booster pump suitable for automatic operation and consisting of following : complete in all respect as required.	1	Set	48400.00
		a) Horizontal type, centrifugal End Suction pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of 900 lpm at 45 Mtr head conforming to IS 1520			
		b) Three Phase High Speed Centrifugal Pump. Pump with CI Impeller and Gland Packing with 9.3 KW / 12.5HP, 2 pole, TEFC, 415 V, 3ph motor			
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.			
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes : Kirloskar			
1607	ELEC-9.5.17	Supplying , installation , testing and commissioning of electric driven Terrace / Mono Bloc Booster pump suitable for automatic operation and consisting of following : complete in all respect as required.	1	Set	46245.00
		a) Horizontal type, centrifugal End Suction pump of cast			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of 750 lpm at 35 Mtr head conforming to IS 1520			
		b) Three Phase High Speed Centrifugal Pump. Pump with CI Impeller and Gland Packing with 7.5 KW / 10 HP, 2 pole, TEFC, 415 V, 3ph motor			
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.			
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes : Kirloskar			
1608	ELEC-9.5.18	Supplying , installation , testing and commissioning of electric driven Terrace / Mono Bloc Booster pump suitable for automatic operation and consisting of following : complete in all respect as required.	1	Set	42542.00
		a) Horizontal type, centrifugal End Suction pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal and flow of 450 lpm at 35 Mtr head conforming to IS 1520			
		b) Three Phase High Speed Centrifugal Pump. Pump with CI Impeller and Gland Packing with 5 KW / 7.5 HP, 2 pole, TEFC, 415 V, 3ph motor			
		c) M.S. Fabricated common base plate, coupling, coupling guard, foundation bolts etc as required.			
		d) Suitable cement concrete foundation duly plastered with anti vibration pads. Makes : Kirloskar			
1609		Providing , laying, testing & Commissioning of following classes MS pipes conforming to IS 3589 and 1239 including fittings like elbows, tees, flanges, tapers, nuts, bolts, gaskets etc., complete.Makes: Jindal / Hissar / Tata pipes			
	ELEC-9.5.19	(a) 250 mm dia	1	Mtr	3245.00
	ELEC-9.5.20	(b) 200 mm dia 'C' Class	1	Mtr	3210.00
	ELEC-9.5.21	(c) 200 mm dia 'B' Class	1	Mtr	2800.00
	ELEC-9.5.22	(d) 150 mm dia 'C' Class	1	Mtr	2400.00
	ELEC-9.5.23	(e) 150 mm dia 'B' Class	1	Mtr	1930.00
	ELEC-9.5.24	(f) 100 mm dia 'C' Class	1	Mtr	1515.00
	ELEC-9.5.25	(g) 100 mm dia 'B' Class	1	Mtr	1275.00
	ELEC-9.5.26	(h) 80 mm dia 'C' Class	1	Mtr	1000.00
	ELEC-9.5.27	(i) 80 mm dia 'B' Class	1	Mtr	895.00
	ELEC-9.5.28	(j) 65 mm dia 'C' Class	1	Mtr	750.00
	ELEC-9.5.29	(k) 65 mm dia 'B' Class	1	Mtr	675.00
	ELEC-9.5.30	(l) 50 mm dia 'C' Class	1	Mtr	600.00
	ELEC-9.5.31	(m) 50 mm dia 'B' Class	1	Mtr	530.00
	ELEC-9.5.32	(n) 40 mm dia	1	Mtr	512.00
	ELEC-9.5.33	(o) 32 mm dia 'C' Class	1	Mtr	400.00
	ELEC-9.5.34	(p) 32 mm dia 'B' Class	1	Mtr	330.00
	ELEC-9.5.35	(q) 25 mm dia 'C' Class	1	Mtr	300.00
	ELEC-9.5.36	(r) 25 mm dia 'B' Class	1	Mtr	270.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1610	ELEC-9.5.37	Supplying and fixing single headed Internal / External hydrant valve with instantaneous Gun metal couplings of 63mm dia with Cast iron wheel ISI marked conforming to IS 5290 (Type -A) with blank Gun Metal cap and chain as required. Makes:Audco / Kirloskar / BDK /H Shankar/ Leader/ Zolotto / Intervolve.	1	No	8125.00
1611		Supplying, fixing, testing and commissioning of butterfly valve PN 1.6, with Bronze / Gun metal seat duly ISI marked complete with Nuts, Bolts, Washers, gaskets, conforming to IS 13095 of following sizes as required. Makes: Audco / Kirloskar / BDK / H-Shankar / Leader/ Zolotto / Intervolve.			
	ELEC-9.5.38	(a) 250 mm . dia	1	No	12525.00
	ELEC-9.5.39	(b) 200 mm . dia	1	No	5300.00
	ELEC-9.5.40	(c) 150 mm dia	1	No	4350.00
	ELEC-9.5.41	(d) 100 mm dia	1	No	3400.00
	ELEC-9.5.42	(e) 80 mm dia	1	No	3100.00
1612		Providing, installation, testing and commissioning of dual plate non - return valve of following sizes confirming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc as required Makes: Audco / Kirloskar / BDK / H-Shankar / Leader/ Zolotto / Intervolve.			
	ELEC-9.5.43	(a) 200 mm dia	1	No	5000.00
	ELEC-9.5.44	(b) 150 mm dia	1	No	4000.00
	ELEC-9.5.45	(c) 100 mm dia	1	No	3725.00
	ELEC-9.5.46	(d) 80 mm dia	1	No	3500.00
	ELEC-9.5.47	(e) 50 mm dia	1	No	1723.00
1613		Manufacture, Supply and delivery of CI Wafer Lug type Butterfly Valves conforming to IS 13095/1991 (Reaffirmed 1998) excluding transportation, CED and taxes etc., complete. Operation done with worm actuator ISI marked Rate at Ex-Factory Makes: Audco / Kirloskar / BDK / H-Shankar / Leader/ Zolotto / Intervolve.			
	ELEC-9.5.48	(a) 250 mm . dia	1	No	17007.00
	ELEC-9.5.49	(b) 200 mm . dia	1	No	11849.00
	ELEC-9.5.50	(c) 150 mm dia	1	No	7631.00
	ELEC-9.5.51	(d) 100 mm dia	1	No	5088.00
	ELEC-9.5.52	(e) 80 mm dia	1	No	3812.00
	ELEC-9.5.53	(f) 50 mm dia	1	No	3067.00
1614		Providing, installation, testing and commissioning of gun metal valves of following sizes as required. Make: Newage/ Winco/ Padmini			
	ELEC-9.5.54	(a) 50 mm dia	1	No	1750.00
	ELEC-9.5.55	(b) 40 mm dia	1	No	1400.00
	ELEC-9.5.56	(c) 32 mm dia	1	No	1250.00
		Deleted From SOR 11-12 ELEC-2.2.7			
1615	ELEC-9.5.57	Supplying and fixing 63mm dia, 15 mtr long RRL hose pipe with 63mm dia Male and Female Gun metal / SS couplings	1	No	6140.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		duly binded with GI wire, rivets etc conforming to IS 636 (Type -A) as required. Make: Newage/ Winco/ Padmini			
1616	ELEC-9.5.58	Supplying and fixing 63mm dia, 15 mtr long CP hose pipe with 63mm dia Male and Female Gun metal / SS couplings duly binded with GI wire, rivets etc conforming to IS 636 (Type -A) as required. Make: Newage/ Winco/ Padmini	1	No	5510.00
1617	ELEC-9.5.59	Supplying and fixing First -Aid Hose Reel with MS construction spray painted in Post office Red, Conforming to Is 884 with upto date amendments, complete with the following as required.	1	No	7500.00
		a) 36.6 Mtr Long 20mm (Nominal internal) dia water hose Thermoplastic / Textile reinforced / Rubber braided / Polypropylene Type - 2 as per IS:12585 Make: Eversafe/ Reliance/ Newage/ SRI			
		b) 20mm (Nominal internal) dia gun metal globe valve and nozzle. Make: Newage/ Winco/ Padmini			
		c) Drum and brackets for fixing the equipments on wall.			
		d) Connections from riser with 25mm dia stop valve (gun metal) & MS pipe.			
1618		Deleted From SOR 11-12 ELEC-9.5.40			
1619	ELEC-9.5.60	Supplying and fixing of hose cabinet of size 750mm X 600mm x 250mm made of No 16 gauge SWG CRCA sheet with 6mm thick glazed glass door including necessary locking arrangement suitable to accommodate 2 Nos 15 mtr long Hose pipe, 1 No branch pipe, mounted on wall OR raised brick platform and duly painted with Post office red externally and white internally with synthetic enamel paint complete in all respect, for external hydrant as required.	1	No	3250.00
1620	ELEC-9.5.61	Supply and fixing 63mm dia Gun metal branch pipe with 20mm (Nominal internal diameter) size Gun metal / SS nozzle conforming to IS 903, suitable for instantaneous connection to interconnect hose pipe coupling as required. Make: Newage/ Winco/ Padmini	1	No	2530.00
1621	ELEC-9.5.62	Supply and fixing 4 way fire brigade connection of cast iron body with 4 Nos Gun metal Male instantaneous inlet couplings complete with cap and chain as required for 150mm dia MS pipe connection, conforming to IS 904 as required.	1	No	9100.00
1622		Deleted From SOR 11-12 ELEC-9.5.43			
1623	ELEC-9.5.63	Supply and fixing 2 way fire brigade connection of cast iron body with 2 Nos Gun metal Male instantaneous inlet couplings complete with cap and chain as required for 100mm dia MS pipe connection, conforming to IS 904 as required.	1	No	6900.00
1624	ELEC-9.5.64	Supply and fixing air vessel made of 250 mm dia, 8 mm thick MS sheet, 1200mm in height with air release valve on top and flanged connection to riser, drain arrangement with 25mm dia Gun metal wheel valve, with required accessories, pressure gauge and painting with synthetic enamel paint of approved shade as required.	1	No	16000.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
1625	ELEC-9.5.65	Providing fixing, testing and commissioning of 15mm size quartzoid bulb type sprinklers of rating 68° C. pendent / side wall with required accessories. Makes: HD / TYCO / VIKING / NEWAGE/ SHARP	1	No	490.00
1626	ELEC-9.5.66	Providing and fixing of Pressure Switch in the MS pipe Line including connection etc as required. Make : Danfoss / Indfoss / Approved makes	1	No	2500.00
1627	ELEC-9.5.67	Providing and fixing Flow Switches in 100mm dia MS pipe. Makes : System Sensor / Switzer / Approved makes	1	No	5375.00
1628	ELEC-9.5.68	Providing and fixing Flow Switches in 150 mm dia MS pipe. Makes : System Sensor / Switzer / Approved makes	1	No	7500.00
1629	ELEC-9.5.69	Supply, installation, testing and commissioning of Bourden type, stainless steel dial type pressure gauge with isolation valve and pipe having calibration of 0-16 kg/cm2. MAKE: HGURU / FIEBIG and Approved makes	1	No	675.00
1630	ELEC-9.5.70	Supply, installation, testing and commissioning of 25mm dia Gate valve Makes : Zoloto / Leader / Approved makes	1	No	1175.00
1631	ELEC-9.5.71	Supply, installation, testing and commissioning of 25mm dia Ball valve Makes : Zoloto / Leader / Approved makes	1	No	650.00
1632	ELEC-9.5.72	Supply, installation, testing and commissioning of 25 / 20mm dia Air Release Valve	1	No	1250.00
1633	ELEC-9.5.73	Providing, fixing, testing, commissioning of installation control valve of Cast iron body and brass / Bronze working parts comprising of water, motor alarm, bronze seat clapper, and clapper arm, hydraulically driven mechanical gong bell to sound continuous alarm when the Wet riser / Sprinkler system activates, pressure gauges, emergency releases, strainer, pressure switch, cock valve complete with drain valve and bypass , test control box, ball valves, Ms pipe of required size, flanges, orifice plate, gasket etc of size 150mm dia as required. Makes : HD / TYCO / NEWAGE	1	No	9500.00
1634		Supplying, installing, testing and commissioning approved make CI body Foot Valve with brass strainer with necessary flanges, nuts and bolts etc., complete on to the suction line. Rate as per the lowest quotation of Bharat Fire Safety Engineers. Makes: Normex & approved makes			
	ELEC-9.5.74	a) 200mm nominal dia	1	Ea	24790.00
	ELEC-9.5.75	b) 150mm nominal dia	1	Ea	13280.00
	ELEC-9.5.76	c) 100mm nominal dia	1	Ea	7450.00
	ELEC-9.5.77	d) 80mm nominal dia	1	Ea	5100.00
1635	ELEC-9.5.78	Supply and laying of 300mm dia NP2 RCC Hume pipe with Collars for Road crossings	AS per Civil SSR		
1636		Supplying and wrapping the anticorrosive material for buried pipes with coating of Primer and wrapping with 4 mm thick polymer corrosion resistant tape as per IS : 10221 with 15 mm overlap as per specificatios.			
	ELEC-9.5.79	a) 150mm nominal dia	1	Mts	45.00
	ELEC-9.5.80	b) 100mm nominal dia	1	Mts	40.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
	ELEC-9.5.81	c) 80mm nominal dia	1	Mts	30.00
1637	ELEC-9.5.82	Supply, fabricating , installing structural steel supports for fixing all sizes of MS pipes from ceiling / wall with MS Channels, Angles, Flats, Rods, as required at site with anchor fasteners, Clamps, threaded rods, nuts, bolts,washers etc complete with painting.	1	Kg	60.00
1638		Deleted From SOR 11-12 ELEC-9.5.53			
1639		Deleted From SOR 11-12 ELEC-9.5.54			
1640		Deleted From SOR 11-12 ELEC-9.5.55			
1641		Deleted From SOR 11-12 ELEC-9.5.56			
1642		Deleted From SOR 11-12 ELEC-9.5.57			
1643		Deleted From SOR 11-12 ELEC-9.5.58			
1644		Deleted From SOR 11-12 ELEC-9.5.59			
1645		Deleted From SOR 11-12 ELEC-9.5.60			
1646		Deleted From SOR 11-12 ELEC-9.5.61			
1647	ELEC-9.5.83	Supply of 2 Core x 1.5Sqmm FRLS armoured copper cable as per IS. 7098 / Part-I / 1988 including all taxes etc., complete of make Universal / CCI / Unicab / Polycab / Finolex / KEI / Havells.	1	Mtr	86.00
1648	ELEC-9.5.84	Supply of 4 Core x 1.5Sqmm FRLS armoured copper cable as per IS. 7098 / Part-I / 1988 including all taxes etc., complete of make Universal / CCI / Unicab / Polycab / Finolex / KEI / Havells.	1	Mtr	110.00
1649	ELEC-9.5.85	Supply of 4 Core x 2.5Sqmm FRLS armoured copper cable as per IS. 7098 / Part-I / 1988 including all taxes etc., complete of make Universal / CCI / Unicab / Polycab / Finolex / KEI / Havells.	1	Mtr	150.00
1650	ELEC-9.5.86	Supply of 8 Core x 2.5Sqmm FRLS armoured copper cable as per IS. 7098 / Part-I / 1988 including all taxes etc., complete of make Universal / CCI / Unicab / Polycab / Finolex / KEI / Havells.	1	Mtr	252.00
1651	ELEC-9.5.87	Supply of 10 Core x 1.5Sqmm FRLS armoured copper cable as per IS. 7098 / Part-I / 1988 including all taxes etc., complete of make Universal / CCI / Unicab / Polycab / Finolex / KEI / Havells.	1	Mtr	214.00
	<b>10.1</b>	<b>GENERATORS SPECIFICATION</b>			
1652		Supply, Transportation, erection and commissioning (Excluding Foundation) of 3 Phase, 415, 50Hz, water cooled multi cylinder diesel generator set with alternator of - - - KVA/ - - - - KW out put contineous rating directly coupled Engine and Alternator with guard and mounted on a common base plate of Robust construction and complete without control panel having IP-52 protection, Acoustic Enclosure as per CPCB norms , sound absorbing material, t to restrict sound level up to 75 dB up to 1 mtr distance and as per CPCB norms etc as per following specifications mentioned below.			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		<b>A. Alternator :</b> Kirloskar / Stamford / Crompton Greaves / Leroy Somer make. The alternator of the output rating shall be 3 Phase, 415V, 50Hz, Ac , 0.8 P.F. lagging at 1500 RPM. The alternator is self excited, self regulated, and shall confirm to IS: 13364 of 1992 with regulation of +5% from no load to full load. degree of protections shall be IP23.			
		<b>B.Diesel Engine :</b> Kirloskar / Cummins / Mahindra & Mahindra Diesel Engine start, developing suitable ----- - BHP output at 1500 RPM with mechanical / electronic governing so as to enable the alternator to give - - - -KVA continuous output at 0.8 P.F. lagging at NTP conditions. The diesel engine shall be capable of providing 10% O/L for 1 Hr for every 11 Hrs of continuous running at full load. The engine with 1st filling of oil and Diesel etc. 01. Exhaust pipe of required size and length with insulation or clading. 02. Diesel tank suitable for 8 to 12 Hours running capacity. 03. Residential Silencer. 04. SMF Batteries with leads as per the Manufacturer standards			
1653		Deleted From SOR 11-12 ELEC-10.1.1			
1654	ELEC-10.1.1	15KVA, 3 Phase, 415, 50Hz, 19BHP, water cooled multi cylinder diesel generator set with alternator of 15 KVA out put continous rating at 0.8 p.f, Batteries .	1	No	367500.00
1655		Deleted From SOR 11-12 ELEC-10.1.3			
1656		Deleted From SOR 11-12 ELEC-10.1.4			
1657		Deleted From SOR 11-12 ELEC-10.1.5			
1658	ELEC-10.1.2	30KVA, 3 Phase, 415, 50Hz, 40 to 42 BHP, water cooled multi cylinder diesel generator set with alternator of 30KVA out put continous rating at 0.8 p.f, Batteries.	1	No	472500.00
1659	ELEC-10.1.3	40KVA, 3 Phase, 415, 50Hz, 56BHP, water cooled multi cylinder diesel generator set with alternator of 40 KVA out put continous rating at 0.8 p.f, and Batteries .	1	No	588000.00
1660		Supply, Transportation, erection and commissioning (Excluding Foundation) of 3 Phase, 415, 50Hz, water cooled multi cylinder diesel generator set with alternator of - - - KVA/ - - - - KW out put contineous rating directly coupled Engine and Alternator with guard and mounted on a common base plate of Robust construction and complete without control panel having IP-52 protection, Acoustic Enclosure as per CPCB norms , sound absorbing material, t to restrict sound level up to 75 dB up to 1 mtr distance and as per CPCB norms etc as per following specifications mentioned below.			
		<b>A. Alternator :</b> Kirloskar / Stamford / Crompton Greaves / Leroy Somer make. The alternator of the output rating shall be 3 Phase, 415V, 50Hz, Ac , 0.8 P.F. lagging at 1500 RPM. The alternator is self excited, self regulated, and shall confirm to IS: 13364 of 1992 with regulation of +5% from no load to full load. degree of protections shall be IP21.			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		<b>B.Diesel Engine</b> : Kirloskar / Cummins / Mahindra & Mahindra Diesel Engine start, developing suitable ----- - BHP output at 1500 RPM with mechanical / electronic governing so as to enable the alternator to give - - - -KVA continuous output at 0.8 P.F. lagging at NTP conditions. The diesel engine shall be capable of providing 10% O/L for 1 Hr for every 11 Hrs of continuous running at full load. The engine with 1st filling of oil and Diesel etc.01. Exhaust pipe of required size and length with insulation or clading.02. Diesel tank suitable for 8 to 12 Hours running capacity.03. Residential Silencer.04. SMF Batteries with leads as per the Manufacturer standards			
		<b>C. AMF Control Panel:-</b> AMF control panel shall be fabricated with 16SWG CRCA sheet shall be totally enclosed with dust and Vermin proof, floor mounted / wall mounted type and shall be comprising the following. 01. Voltmeter with selector switch. 02. 4 Pole MCCB incomer of -----A rating of Schenieder / L&T make for EB and DG . 03. Ammeter with selector switch with CTs. 04. PF Meter and frequency Meter. 05. Indicator lamps (set Run, Load ON) with fuses. 06. KWH Meter of required rating. 07. Set of control fuses and current transformer. 08. Input Terminal board and output Terminal Board. 09. Battery charger with transformer rectifier unit. 10. Alternator supply air break contactor of L&T make. 11. Main supply air break contactor of L&T make. 12. Audio Visual annunciation . 13. Main supply voltage set of control relays and timers with one mode selector switch, set of push buttons. 14.Control cable up to 15 Mtrs 2.5Sqmm 6 Core			
		Deleted From SOR 11-12 ELEC-10.1.6			
	ELEC-10.1.4	63.00KVA, 3 Phase, 415, 50Hz, 78 to 83BHP, water cooled multi cylinder diesel generator set with alternator of 63KVA out put continous rating at 0.8 p.f, and Batteries .	1	No	735000.00
	ELEC-10.1.5	125KVA, 3 Phase, 415, 50Hz, 154BHP, water cooled multi cylinder diesel generator set with alternator of 125 KVA out put continous rating at 0.8 p.f, and Batteries .	1	No	997500.00
1661		Supply, Transportation, erection and commissioning (Excluding Foundation) of 3 Phase, 415, 50Hz, water cooled multi cylinder diesel generator set with alternator of - - - KVA/ - - - - KW out put contineous rating directly coupled Engine and Alternator with guard and mounted on a common base plate of Robust construction and complete without control panel having IP-52 protection, Acoustic Enclosure as per CPCB norms , sound absorbing material, t to restrict sound level up to 75 dB up to 1 mtr distance and as per CPCB norms etc as per following specifications mentioned below.			
		<b>A. Alternator</b> : Kirloskar / Stamford / Crompton Greaves / Leroy Somer make. The alternator of the output rating shall be 3 Phase, 415V, 50Hz, Ac , 0.8 P.F. lagging at 1500 RPM.			

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		The alternator is self excited, self regulated, and shall confirm to IS: 13364 of 1992 or latest version with regulation of +5% from no load to full load. degree of protections shall be IP23.			
		<b>B.Diesel Engine :</b> Kirloskar / Cummins / Catterpillar Diesel Engine start, developing suitable ----- BHP output at 1500 RPM with mechanical / electronic governing so as to enable the alternator to give - - - -KVA continuous output at 0.8 P.F. lagging at NTP conditions. The diesel engine shall be capable of providing 10% O/L for 1 Hr for every 11 Hrs of continuous running at full load. The engine with 1st filling of oil and Diesel etc. 01. Exhaust pipe of required size and length with insulation or cladding. 02. Diesel tank suitable for 8 to 12 Hours running capacity. 03. Residential Silencer. 04. SMF Batteries with leads as per the Manufacturer standards			
		<b>C. AMF Control Panel:-</b> AMF control panel shall be fabricated with 16SWG CRCA sheet shall be totally enclosed with dust and Vermin proof, floor mounted / wall mounted type and shall be comprising the following.01. Voltmeter with selector switch.02. 4 Pole MCCB incomer of -----A rating of Schenieder / L&T make for EB and DG . 03. Ammeter with selector switch with CTs. 04. PF Meter and frequency Meter. 05. Indicator lamps (set Run, Load ON) with fuses. 06. KWH Meter of required rating. 07. Set of control fuses and current transformer. 08. Input Terminal board and output Terminal Board. 09. Battery charger with transformer rectifier unit. 10. Alternator supply air break contactor of L&T make.11. Main supply air break contactor of L&T make. 12. Audio Visual annunciation .13. Main supply voltage set of control relays and timers with one mode selector switch, set of push buttons. 14.Control cable up to 15 Mtrs 2.5Sqmm 6 Core14.Control cable up to 15 Mtrs 2.5Sqmm 6 Core			
	ELEC-10.1.6	160KVA, 3 Phase, 415, 50Hz, 200BHP, water cooled multi cylinder diesel generator set with alternator of 160 KVA out put continous rating at 0.8 p.f, and Batteries .	1	No	1365000.00
	ELEC-10.1.7	250KVA, 3 Phase, 415, 50Hz, 310BHP, water cooled multi cylinder diesel generator set with alternator of 250 KVA out put continous rating at 0.8 p.f, and Batteries	1	No	2100000.00
	ELEC-10.1.8	320KVA, 3 Phase, 415, 50Hz, 380BHP, water cooled multi cylinder diesel generator set with alternator of 45 KVA out put continous rating at 0.8 p.f, and Batteries	1	No	2730000.00
	<b>11.1</b>	<b>UPS SYSTEMS</b>			
1662	ELEC-11.1.1	Supply and installation of 800VA, 12VDC home UPS system pure sine wave out put, single phase input / Single phase output. Makes: Servomax / Top Power / Amar Raja / Samhitha.	1	No	9500.00
1663	ELEC-11.1.2	Supply and installation of 1400VA, 24VDC home UPS system pure sine wave out put, single phase input / Single phase output. Makes: Servomax / Top Power / Amar Raja /	1	No	13500.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit		SS RATE FOR 2013-14
1	2	3	4		5
		Samhitha.			
1664	ELEC-11.1.18	Supply and installation of 2000VA, 36VDC home UPS system pure sine wave out put, single phase input / Single phase output. Makes: Servomax / Top Power / Amar Raja / Samhitha.			19200.00
1665	ELEC-11.1.3	Supply and installation of 2.0KVA true on line UPS system IGBT technology pure sine wave out put, double conversion with auto and manual static by pass switch single phase input / Single phase output. Makes: Megatech / Power one / Numeric / DB Power.	1	No	29400.00
1666	ELEC-11.1.4	Supply and installation of 3.0KVA, 72VDC true on line UPS system IGBT technology pure sine wave out put, double conversion with auto and manual static by pass switch single phase input / Single phase output. Makes: Megatech / Power one / Numeric / DB Power.	1	No	39507.00
1667	ELEC-11.1.5	Supply and installation of 5.0KVA, 180/192VDC true on line UPS system IGBT technology pure sine wave out put, double conversion with auto and manual static by pass switch single phase input / Single phase output. Makes: Megatech / Power one / Numeric / DB Power.	1	No	68250.00
1668	ELEC-11.1.6	Supply and installation of 7.5KVA, 180/192VDC true on line UPS system IGBT technology pure sine wave out put, double conversion with auto and manual static by pass switch single phase input / Single phase output. Makes: Megatech / Power one / Numeric / DB Power.	1	No	94500.00
1669	ELEC-11.1.7	Supply and installation of 10KVA, 180/192VDC true on line UPS system IGBT technology pure sine wave out put, double conversion with auto and manual static by pass switch single phase input / Single phase output. Makes: Megatech / Power one / Numeric / DB Power.	1	No	110250.00
1670	ELEC-11.1.8	Supply and providing of UPS cum battery rack up to 4 batteries	1	No	1500.00
1671	ELEC-11.1.9	Supply and providing of UPS cum battery rack 5 to 10 batteries	1	No	2875.00
1672	ELEC-11.1.10	Supply and providing of UPS cum battery rack upto 11 to 20 batteries	1	No	5175.00
1673	ELEC-11.1.11	Supply and fixing of 12V 26 AH SMF battery including wire leads make Quanta / Racket / Exide.	1	No	3850.00
1674	ELEC-11.1.12	Supply and fixing of 12V 42 AH SMF battery including wire leads make Quanta / Racket / Exide.	1	No	6446.00
1675	ELEC-11.1.13	Supply and fixing of 12V 65 AH SMF battery including wire leads make Quanta / Racket / Exide.	1	No	7970.00
1676	ELEC-11.1.14	Supply and fixing of 12V 100 AH SMF battery including wire leads make Quanta / Racket / Exide.	1	No	9900.00
1677	ELEC-11.1.15	Supply and fixing of 12V 120 AH SMF battery including wire leads make Quanta / Racket / Exide.	1	No	10500.00
1678	ELEC-11.1.16	Supply and fixing of 12V, 120 AH MF battery including wire leads make Amar Raja(Power Zone) or Equivalent model of Exide / Panasonic / Gotech.	1	No	9965.00
1679	ELEC-11.1.17	Supply and fixing of 12V, 150 AH MF battery including wire leads make Amar Raja(Power Zone) or Equivalent model of	1	No	12750.00

SL. NO.	ITEM CODE	DESCRIPTION OF ITEM	Unit	SS RATE FOR 2013-14
1	2	3	4	5
		Exide / Panasonic / Gotech.		



# GOVERNMENT OF ANDHRA PRADESH

PART-I SCHEDULE OF RATES  
AS PER  
A.P. REVISED STANDARD DATA  
FOR THE YEAR 2013-  
2014  
*(Effective from 1st June,  
2013)*

## BOARD OF CHIEF ENGINEERS

**Important – Read The following**

**ANNEXURE- A**

- 1) The SPIU(Irrigation), Centre for Good Governance (CGG), Hyderabad has developed soft ware package linking the basic input data of Irrigation with approved data of Irrigation work items.
- 2) The lead and lift charges are common to all Engineering Departments. The detailed calculations are incorporated in the Lead &Lift charges chapter in the I&CAD works (Part-1) of A.P. Revised standard data.
- 3) Further, the CGG has also developed estimate preparation package to use in the preparation of estimates duly making provision for incorporation of applicable lead & lift for different materials, Area allowances for labour, Dewatering charges and VAT as additional.
- 4) For Gates & Hoist works, the excise duty on the fabrication of work (other than materials) shall be added as per the Government Orders issued from time to time while preparing the estimate.
- 5) The estimate sanctioning authority shall physically verify each and every Irrigation work item data incorporated in the estimate with basic input data before sanction of the estimate. **Any lapses or arithmetic errors arising in the sanction of data's / estimate due to adoption of the software package lies entirely on the concerned estimate sanctioning authority only.**
- 6) Any discrepancies / corrections required for improper basic input data appearing in the approved data's of Irrigation work items in the software package and hard copy of SoR & Standard data's (part-1) may be brought to the notice of undersigned for issuing corrections.

Sd/- L. Narayan Reddy, dt:  
Engineer-in-Chief(I.W.)  
Chairman, BOCE(S.R)

# **PREAMBLE**

## PREAMBLE

**I.0 AREA ALLOWANCES:****A) CORPORATIONS & MUNICIPALITIES:**

- a) (i) 25% extra over the rates on labour component of works is allowed in all Municipal Corporation Limits of Andhra Pradesh except Greater Hyderabad, Greater Visakhapatnam and Vijayawada municipal corporations (up to a belt of 12 Kms. from Municipal Corporation limits) and other corporations as notified by the Government from time to time.
- (ii) 40% extra over the rates on labour component of works for Greater Hyderabad, Greater Visakhapatnam and Vijayawada Municipal Corporation (up to a belt of 12 Kms. from Municipal Corporation limits).
- b) Allow 20% extra over basic rates on labour component of works in all District Headquarters and the remaining Municipal limits (up to a belt of 12 Kms from Municipal limits).
- c) For works at Tirumala Hills in Chittoor District, 40% extra over the basic rates of labour component is allowed.
- d) For works at Horsely hills in Chittoor District, 30% extra over the basic rates of labour component is allowed.
- e) For works located inside Tirumala Temple, 20% extra over the basic rate of labour component specified for Tirumala Hills is allowed.
- f) For Works located inside T.T.D Temples of Sri Padmavathi Ammavari Temple, Tiruchanoor, Sri Govindaraja Swamy Temple at Tirupathi, Sri Kapleswara Swamy Temple, Kapilatheerthm, Tirupathi and Sri Kalyana Venkateswara Swamy Temple, Srinivasa Mangapuram , 20% extra over the basic rates of labour component for Tirupathi Municipal Corporation is allowed.

**B) JAIL COMPOUNDS:**

20% extra is allowed over labour rates for the work in the Jail compounds. Only equivalent number of Man Mazdoor shall be provided in the Jail premises and no women Mazdoor are allowed inside.

**C) INDUSTRIAL AREA:**

- a. 20% over basic rates on labour component works allowed for works situated within 10Kms belt of Industrial area of, Jeedimetla, Lingampally, Ibrahimpatnam, Tandur in Ranga Reddy District, Ibrahimpatnam, Vuyyuru, Jaggaiahpeta in Krishna District, Macherla, Gurajala, Challapalli in Guntur District Garividi in Vijayanagaram District, Kothur in Mahabubnagar District, Patancheru, Ramachandrapur in Medak District, Bibinagar in Nalgonda District, Ramagundam and Godavarikhani in Karimnagar District, Renigunta in Chittoor District and Yerraguntla & Mangampet in Kadapa District, Manchiryal, Mandamarri, Bellampalli in Adilabad District, Sarpaka, Kothagudem, Paloncha, Manguguru, Singareni Collieries in Khammam District, Kamalapur, Bhoopalpally of Warangal District, Wadepally of Nalgonda District, Nagapally(Centenary Colony, Begumpet "X" roads),Takkelpally of Karimnagar District, Hindupur, Tadipatri, Anantapur, Guntakal, Rayalcheruvu, Yadiki of Anantapur District and

Adoni, Dhone, Cement Nagar, Nandyal, Kurnool, Yemmiganur & Bethamcherla of Kurnool District, Anakapally of Vishakhapatnam District.

**D) AGENCY / TRIBAL AREAS:**

- a) 25% extra is allowed for the works located within the interior Agency / Tribal limits, i.e. for the works located within & upto 16 KMs from any all weather route inside Agency / Tribal.
- b) 40% extra is allowed for the works located within the interior Agency / Tribal limits, i.e. for the works located beyond 16 KMs from any all weather route inside Agency / Tribal.

**NOTE:** 1. No extra percentage is permissible in respect of Forest produce such as Bamboo, Rellu grass and for all materials obtained from outside the Agency / Tribal.

2. The extra percentage under Agency / Tribal areas allowance may be allowed on the labour component and on the labour charges in the rates for conveyance of materials.

3. The extra percentage on cost of materials in Agency / Tribal areas can be allowed on the labour component only, if they are manufactured in the Agency / Tribal areas itself except Forest produce.

**E) GHAT ROADS:**

For Ghat Roads steeper than 1 in 20, the length of the road may be taken as 1.5 times the existing length of the road for the purpose of leads only for conveyance of materials based on the certificate for the Ghat Road given by the Superintending Engineer concerned.

**Foot Note:** Under compelling circumstances, the concerned Chief Engineer can adopt the equivalent length of road as 2 ½ times of actual length.

**Note below area allowances:**

*If more than one area allowance ( such as those ) for (1) Municipalities (2) Agency / Tribal areas (3) Industrial areas are applicable for a particular situation, only the maximum out of the allowable percentages is to be allowed.*

**2.0 EXCAVATION OF TRIAL TRENCHES, TRIAL PITS AND EXCAVATION IN RESTRICTED PLACES: -**

**I) EXCAVATION OF TRIAL TRENCHES, TRIAL PITS AND EXCAVATION IN RESTRICTED PLACES: -**

**A. TRIAL TRENCHES:**

- 1) Trial trenches of not more than 2 metres in width...25% extra

**Labour Wages-Common SoR 2013-14****B. TRIAL PITS:**

1) Up to 2 Metres depth	...	25% extra
2) 2 Metres to 4 Metres depth	...	50% extra
3) 4 Metres to 6 Metres depth	...	75% extra
4) 6 Metres to 8 Metres depth	...	100% extra
5) 8 Metres to 9 Metres depth	...	150% extra
6) More than 9 Metres depth	...	200% extra

**II) EXCAVATION IN RESTRICTED PLACES:-**

I) Foundation of Buildings	...	75% extra
II) For pipe lines where the depth is less than 1.5 times the width	...	75% extra
III) For pipe lines where the depth is 1.5 times or more than the width	...	120% extra
IV) Silt removal in restricted areas such U. T's., Culverts and Syphons.	...	120% extra
V) Excavation of field channels	...	75% extra
VI) For narrow trenches not more than 2 meters in width and depth not less than twice the width and for excavation of road boundary drains, model sections of canals.	...	75% extra
VII) High berm cutting of not more than 150 mm average thickness and sectioning for roads	...	50% extra

**Note:** 1) The extra percentage is allowed over Common item for all earth works (COM-MWRK- Manual Works) for corresponding soil and Standard data items. It includes the charges for all lifts and initial lead but does not include dewatering charges if any in respect of all the items under (A) and (B) above.

2) The above extra percentages in respect of excavation in hard rock for restricted places are to be allowed for (2/3) rd of the cost and shall not to be allowed in respect of items involving blasting component which may be taken as 1/3 of the cost.

**3.0 SEIGNIORAGE CHARGES:****Note:**

The rates of the materials indicated in the SOR are **exclusive of Seigniorage Charges** for materials as fixed by the Government in G.O.Ms.No.198 (Industries and Commerce Dept.) dt:13.08.2009. In case of revision, the revised rates as fixed by Mines and Geology Department have to be adopted.

# LABOUR RATES

## LABOUR RATES

SI No.	CATEGORY OF WORKER	S. Rate for 2013-14
1	2	3
<b>I.</b>	<b>SKILLED CATEGORY:</b>	
1	Bar bender	370
2	Black smith / Tin smith / Rivetor	350
3	Blaster	400
4	Carpenter Cl- I	350
5	Electrician ( Licensed )	400
6	Fitter Cl- I	350
7	Floor Polisher / Tile Layer	350
8	Foreman	400
9	Gauge reader	335
10	Maistry / Work Inspector with Non-technical Qualification SSLC/SSC/HSC	335
11	Mason Cl- I / Brick layer Cl- I	350
12	Mechanic Cl- I	350
13	Operator Air compressor / DG set	350
14	Operator Batching plant	400
15	Operator Bus/Ambulance/ Lorry/ Tanker	400
16	Operator Concrete / Asphalt mixer	350
17	Operator Concrete / Asphalt paver	350
18	Operator Concrete pump / Placer/ ice plant	350
19	Operator Core drilling machine	400
20	Operator Crane/ Tower crane/ Cable way	400
21	Operator Drilling jumbo / Loco / Winch	350
22	Operator Grouting/ Guniting/ Shotcreting	350
23	Operator Jackhammer/Pneumatic tamper	350
24	Operator Pump / Ventilation fan	350
25	Operator Lathe/Drilling/Shearing machine	400
26	Operator Bending / Planing machine	350
27	Operator Road roller	350

SI No.	CATEGORY OF WORKER	S. Rate for 2013-14
1	2	3
28	Operator Shovel / Scraper / Dozer	400
29	Operator Spillway / Sluice gate	350
30	Operator Crusher / Conveyor / Mucker	350
31	Operator Tipper / Dumper / Transit mixer	400
32	Operator Concrete vibrator	350
33	Operator Vibratory plain / pad foot roller	350
34	Operator Wagon drill / Drifter	400
35	Painter CI- I	400
36	Plumber / Pipe fitter	400
37	Sarang / Khalasi	350
38	Spun pipe moulder	350
39	Stone chiseller CI- I / Stone cutter CI- I	350
40	Struct. steel Fabricator / Marker / Erector	400
41	Welder / Gas Cutter	350
42	Welder (X-ray quality)	400
II.	<b>SEMI SKILLED CATEGORY:</b>	
1	Asphalt Sprayer / Boiler attendant	320
2	Bhisti	320
3	Boatman with boat	335
4	Carpenter CI- II / Erector shuttering	320
5	Cartman with double bullock cart	365
6	Cartman with single bullock cart	345
7	Chavali / Navagani	320
8	Crowbarman / Jumper man	320
9	Fitter CI- II	320
10	Gang man / Head / Survey mazdoor	320
11	Gardener / Trained mali	320
12	Air compressor / DG set	320
13	Helper Batching plant	320
14	Helper Blasting	320

SI No.	CATEGORY OF WORKER	S. Rate for 2013-14
1	2	3
15	Helper Bus/ Ambulance/ Lorry/ Tanker	320
16	Helper Bending/Shearing/Planing machine	320
17	Helper Carpenter	320
18	Helper Concrete / Asphalt mixer	320
19	Helper Concrete / Asphalt paver	320
20	Helper Core drilling machine	320
21	Helper Crane/ Tower crane/ Cable way	320
22	Helper Drilling jumbo / Loco / Winch	320
23	Helper Fitter / Fabrication/Electrician	320
24	Helper Grouting/ Guniting/ Shotcreting	320
25	Helper Jack hammer / Pneumatic tamper	320
26	Helper Laboratory / Instrumentation	320
27	Helper Road roller	320
28	Helper Shovel / Scraper / Dozer	320
29	Helper Crusher / Conveyor / Mucker	320
30	Helper Tipper / Dumper/ Transit mixer	320
31	Helper Vibrator	320
32	Helper Vibratory plain/ pad foot roller	320
33	Helper Wagon drill/ Drifter	320
34	Lineman Electric / Telephone	320
35	Mason CI- II / Brick layer CI-II	320
36	Mechanic CI- II	320
37	Painter CI- II	320
38	Patkari / Neeraganti / Sowdy	320
39	Stone Chiseller CI- II	320
40	Stone breaker / Hammer man	320
41	Valve man / Canal sluice operator	320
<b>III.</b>	<b>UN-SKILLED CATEGORY:</b>	
1	Cement / Asphalt handling mazdoor	280
2	Civic worker	280
3	<b>Man mazdoor</b>	280

SI No.	CATEGORY OF WORKER	S. Rate for 2013-14
1	2	3
4	Woman mazdoor	280
5	Watchman	280
<b>IV.</b>	<b>OTHER CATEGORY:</b>	
1	Care-taker / conductor / Lift Attender	335
2	Cook / Mess man	335
3	Dhobi	335
4	Diploma Engineer / Surveyor	500
5	Diver with headgear	400
6	Graduate / Laboratory Assistant	400
7	Graduate Engineer/ Geologist	670
8	Horticulture Assistant / Photographer	335
9	ITI certificate holder / Tracer / Printer	400
10	Literate mazdoor	315
11	Stenographer / Computer Operator	440
12	Telephone / Wireless Operator	390
13	Typist / Job Typist	390
14	CAD operator with Diploma in Engineering/General degree with CAD certificate	550
15	Jeep Driver	400
16	Data Processing Operator	550

Note: - 1)The wage should not be less than the minimum wages of schedule of employment, subject to out turn. 2) 25% extra over the corresponding labour rates in respect of the work to be done during night time subject to issue of certificate accordingly by the concerned estimate sanctioning authority for providing in the data and by concerned Executive Engineer in charge of the work for payment. The night time allowance is applicable only to the works done under Greater Hyderabad Municipal Corporation, Greater Visakhapatnam Municipal Corporation and Vijayawada Municipal Corporation limits only.

# **BASIC INPUT DATA FOR IRRIGATION WORK ITEMS**

**STATEMENT OF RATES FOR MATERIALS FOR THE YEAR :**  
**2013-14**  
**GENERAL GUIDE LINES FOR REVISING RATES OF MATERIALS:**

- 1 Average of the prevailing market rates, ignoring freak rates, is the criteria for Fixing market rates for materials.
- 2 The rates for materials is inclusive of all taxes, duties and other local levies.
- 3 The rates for materials are **exclusive of** Seigniorage charges wherever applicable.
- 4 The rates for materials, except those for which lead charges are admissible as per the Statement of lead charges is for all leads.
- 5 The rates provided for useful rubble / stone chips from excavation shall be at dump yard.

SI No.	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2013-14
1	2	3	4
1	Acetylene gas	cum	320
2	Asphalt 80/100 Grade	Kg	40
3	Binding wire	Kg	70
4	Burnt stone slab 10 cm thick	sqm	280
5	Cement 43 Gr (including loading charges) <b>Note: As per Monthly rate fixed by Sub-Committee.</b>	tonne	4100 (Rate for 5/2013)
6	Chequered plate	Kg	60
7	Coarse aggregate 10-4.75 mm(excluding Seigniorage charges)	cum	830
8	Coarse aggregate 20-10 mm(excluding Seigniorage charges)	cum	1150
9	Coarse aggregate 40-20 mm(excluding Seigniorage charges)	cum	1090
10	Coarse aggregate 80-40 mm(excluding Seigniorage charges)	cum	605
	The aggregate rates mentioned above (from Sl.No.7 to Sl.No.10) are <b>exclusive of Seigniorage charges but</b> including blasting charges of Rs.70/cum and 25% machine crushing charges. However, if the metal is obtained from hand broken, the blasting and crushing charges shall be deducted. The aggregate shall be HB Stone of Granite, Dolomite, Dolerite and Trap. (Quartzite and Basalt with aggregate impact of less than 20)		
11	Coir brush	Each	42

SI No.	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2013-14
1	2	3	4
12	Copper sheet 16 SWG	kg	665
13	Coursed rubble stone 30 x 30 x 45 cm(excluding Seigniorage charges)	Each	18
14	Coursed rubble stone 30 x 30 x 60 cm(excluding Seigniorage charges)	Each	21
15	Curing Compound	Ltr	125
16	D – cord	Rm	16
17	Delay - noiseless trunk	Each	21
18	Detonating fuse coil	Rm	11
19	Detonating shock tube / Cord relays	Rm	65
20	Detonator delay type	Each	23
21	Detonator electric	Each	13
22	Detonator ordinary	Each	9
23	Empty cement bag	Each	4.5
24	Explosive ANFO	kg	40
25	Explosive ANFO high strength booster	kg	75
26	Explosive small dia ( Kelvex-220 or equivalent)	kg	70
27	(a)Fine aggregate/ sand(un- screened) for Concrete & Filtering items) (excluding Seigniorage charges)	cum	385
	(b)Fineaggregate/Sand(unscreened)for filling(excluding Seigniorage charges)		285
28	Fine aggregate /Sand (Screened) for Mortar ,Plastering items and Sand blasting items(excluding Seigniorage charges)	cum	505
29	Geo-textile ( filter fabric ) 160 gsm	sqm	107
30	Geo-textile ( filter fabric ) 200 gsm	sqm	128
31	Geo-textile ( filter fabric ) 250 gsm	sqm	150
32	G I Pipe 100 mm dia B Class	Rm	735
33	G I Pipe 15 mm dia A class	Rm	105
34	G I pipe 25 mm dia A class	Rm	160
35	G I pipe 40 mm dia B class	Rm	290
36	G I pipe 50 mm dia A class	Rm	320

**Basic Input data for Irrigation items – Common SoR 2013-14**

SI No.	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2013-14
1	2	3	4
37	G I Pipe 80 mm dia B Class	Rm	490
38	G.I Bolts / Nuts and Washers	kg	106
39	G.I sheet ( plain )	tonne	66000
40	Hariyala turfing sods	sqm	28
41	Hectometer stone one line dressed	Each	230
42	Hemp yarn	kg	72
43	Honne wood planks	cum	54000
44	Hume pipe with collar 150 mm dia	Rm	320
45	Hume pipe with collar 300 mm dia	Rm	630
46	J- Bolts 30 cm long	Each	33
47	Jungle wood planks	cum	21000
48	Khandki stone 15 to 20 cm height	Each	11
49	Khandki stone 20 to 25 cm height	Each	13
50	Khandki stone 25 to 30 cm height	Each	16
51	Kilometer stone one line dressed	Each	430
52	LDPE sheet ( Geo membrane ) 500 micron thick	sqm	85
53	LDPE sheet ( Geo membrane ) 750 micron thick	sqm	125
54	LDPE sheet ( Geo membrane ) 1000 micron thick	sqm	175
55	M S Bolts / Nuts / Washers	kg	85
56	Murum(including loading charges <b>but excluding</b> Seigniorage charges )	cum	103
57	Oxalic acid	Ltr	74
58	Oxygen gas	cum	50
59	PVC sealing strip	Rm	44
60	PVC water stopper 310 mm wide	Rm	485
61	PVC pipe of 100 mm dia	Rm	175
62	Reinforcement steel (including loading charges) (HYSD/TMT ) <b>Note: As per Monthly rate fixed by Sub-Committee</b>	tonne	43,000 (Rate for 5/2013)
63	Resin bond Cement capsule	Each	65

SI No.	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2013-14
1	2	3	4
64	Rough stone 20 x 20 x 75 cm ( Including Loading charges <b>but excluding</b> Seigniorage Charges)	Each	22
65	Shahabad stone slab (including loading charges <b>but excluding</b> Seigniorage charges)	sqm	218
66	Stone chips (at dump yard/Spoil)(including loading charges <b>but excluding</b> Seigniorage charges)	cum	165
67	Stone chips ( at quarry )(including loading charges <b>but excluding</b> Seigniorage charges)	cum	330
68	Structural steel angle / channel / beam / bars (including loading charges) <b>Note: As per Monthly rate fixed by Sub-Committee</b>	tonne	44,000 <b>(Rate for 5/2013)</b>
69	Structural steel plate / flats (including loading charges) <b>Note: As per Monthly rate fixed by Sub-Committee</b>	tonne	41800 <b>(Rate for</b>
70	Super Plasticizer (Conplast RP-264 or equivalent )	kg	75
71	Synthetic Enamel paint 1st quality	Ltr	238
72	Synthetic adhesive ( Resin + Hardener )	Kg	338
73	Tar felt joint filler board 12 mm thick	sqm	420
74	Tar felt joint filler board 20 mm thick	sqm	630
75	Through stones 20 x 20 x 30 to 45 cm (including loading charges <b>but excluding</b> Seigniorage charges)	Each	22
76	Through stones 25 x 25 x 45 to 60 cm long (including loading charges <b>but excluding</b> Seigniorage charges)	Each	38
77	Through stones 30 x 30 x 65 to 75 cm long (including loading charges <b>but excluding</b> Seigniorage charges)	Each	57
78	Un-coursed rubble stones ( at dump yard /Spoil) (including loading charges <b>but excluding</b> Seigniorage charges)	cum	150
79	Un-coursed rubble stones ( at quarry )( including loading charges <b>but excluding</b> Seigniorage charges)	cum	280
80	Water proofing compound	kg	72
81	Welding electrodes 4 mm dia	Each	13
82	Wire brush	Each	40

SI No.	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2013-14
1	2	3	4
83	Wire mesh 20 gauge	sqm	212
84	Zinc chromate red oxide primer paint	Ltr	170
85	inorganic zinc silicate	Ltr	650
86	solvent less coal tar epoxy paint	Ltr	256
87	Zinc phosphate primer	Ltr	210
88	Allkyd based iron oxide paint	Ltr	185
89	a) Cost of hdpe (80mm dia)	Rm	620
	b) light black MS casing pipe 80mm dia (4mm thick)		
90	welded steel wire fabric 100X100X5 mm size	Kg	150
91	Protective Mastic	Ltr	469
92	Solventless coal tar epoxy (brown)	Ltr	363

**ADDITIONAL MATERIALS FOR GATES & HOISTS  
FOR THE YEAR 2013-14**

**GUIDE LINES:**

- a. For cast steel / Alloy steel / Forged steel / Bronze, aluminum alloy components the rates shall be inclusive of cost of basic metal for these components, casting / forging charges, machining charges and applicable excise duty on finished alloy component.
- b. For other materials the rates shall be prevailing market rates.

SI No.	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2013-14
1	2	3	4
1	Alloy steel ( IS : 1570-carbon steel ) shafts	Kg	195
2	Alloy steel ( IS : 1570-stainless steel ) pins	Kg	420
3	Bolt / Nut / Washer ( hot dipped galvanized )	Kg	130
4	Bolt / Nut / Washer ( stainless steel )	Kg	340
5	Bronze/Aluminum alloy(IS:305)bearings/bushes	Kg	860
6	Cast iron blocks	Kg	80
7	Cast steel drums / gears	Kg	210
8	Cast steel pinions	Kg	200
9	Cast steel wheels / pulleys / hubs / rollers / retainers	Kg	180
10	Chemical for de-greasing/ derusting/phosphate coating	Ltr	135
11	Coal tar epoxy paint	Ltr	200
12	Forged steel hooks / shackles	Kg	260
13	MS pipe 200 / 300 mm dia	Kg	175
14	MS pipe 32 mm dia	Rm	185
15	MS pipe 25 mm dia	Rm	150
16	Rubber bottom seal ( IS : 11855 )	Rm	845
17	Rubber side seal ( music note type Teflon claded ) ( IS : 11855 )	Rm	2050
18	Rubber side seal ( music note type uncladed ) ( IS : 11855 )	Rm	1650
19	Rubber side seal Z-type ( IS : 11855 )	Rm	2650

SI No.	DESCRIPTION OF MATERIAL	UNIT	S. Rate for 2013-14
1	2	3	4
20	Rubber corner seal ( Teflon claded ) ( IS : 11855 )	Rm	4100
21	Rubber corner seal ( un claded ) ( IS : 11855 )	Rm	3400
22	Stainless steel plates / flats	Kg	275
23	Welding electrode 4 mm dia x 450 mm ( radiographic low hydrogen )	Each	18
24	Welding electrode 4 mm dia x 450 mm ( stainless steel )	Each	26
25	Wire rope 6x37 constn ( IS : 2266 )	Kg	250
26	Zinc	Kg	165
27	Zinc rich ( zinc content : 90 % ) epoxy primer	Ltr	650

**MATERIALS FOR POWER SUPPLY WORKS  
FOR THE YEAR : 2013-14**

SI No.	Description of Material	Unit	S. Rate for 2013-14
1	Electric pole with fixtures	Each	For establishing Electrical Sub-Stations at the Project Sites wherever necessary, the rates approved by APTRANSCO may be followed.
2	Flood light 500 W	Each	
3	Flood light set	Each	
4	Flousscent tube light 40 W	Each	
5	Flousscent tube light set	Each	
6	HT / LT Circuit breaker with accessories	Set	
7	HT / LT Line conductor	1000 m	
8	PVC Armoured cable 10 sqmm and below	Rm	
9	PVC Armoured cable 16 sqmm	Rm	
10	PVC Armoured cable 25 sqmm	Rm	
11	PVC Armoured cable 70 sqmm	Rm	

**DETAILS OF CAPITAL COST OF MACHINERY / EQUIPMENT  
FOR THE YEAR: 2013-14  
GUIDE LINES FOR FIXING CAPITAL COST OF MACHINERY / EQUIPMENT:**

1 The Capital cost of machinery / equipment shall be for new machinery / equipment and shall be inclusive of all taxes, duties, other levies.

2 The cost of transport vehicles / equipment shall be exclusive of cost of tyres and tubes.

3 The cost of drill rods / drill bits / air hose / water hose / road tax / insurance charges and other consumable accessories shall not be included in the capital cost.

4 In cases, where the current capital cost of machinery / equipment could not be collected through enquiries, the capital cost considered for previous year may be updated on the basis of average percentage increase / decrease in the index for machinery published in the R.B.I Bulletin.

Sl No:	DESCRIPTION OF MACHINERY / EQUIPMENT	UNIT	S. Rate for 2013-14
1	2	3	4
1	Agitator car / Transit mixer 2 cum ( excluding tyres )	Each	21,50,000
	tyres and tubes 6 sets		86,000
2	Air compressor 5 cmm electric	Each	7,10,000
3	Air compressor 7 cmm diesel	Each	9,50,000
4	Air compressor 7 cmm electric	Each	8,65,000
5	Air compressor 8.5 cmm diesel	Each	10,85,000
6	Air compressor 8.5 cmm electric	Each	11,20,000
7	Air compressor 15 cmm electric	Each	13,70,000
8	Angle Dozer 90 hp	Each	54,75,000
9	Batching plant 0.5 cum with accessories	Each	12,00,000
10	Batching plant 2 x 1.00 cum with accessories	Each	42,45,000
11	Batching plant 2 x 1.50 cum with accessories	Each	54,25,000
12	Bending machine	Each	5,30,000
13	Clamp shell and hoisting ropes	Each	30,000
14	Concrete bucket 1.5 cum	Each	56,000
15	Concrete hand mixer 45/30 ltr	Each	15,500
16	Concrete mixer 300/200 ltr(diesel)	Each	1,50,000
17	Concrete mixer 300/200 ltr ( electric )	Each	1,45,000
18	Concrete mixer 600/400 ltr(diesel)	Each	2,60,000

SI No:	DESCRIPTION OF MACHINERY / EQUIPMENT	UNIT	S. Rate for 2013-14
1	2	3	4
19	Concrete mixer 600/400 ltr ( electric )	Each	2,55,000
20	Concrete paver 100 Sqm / hr	Each	23,61,000
21	Concrete placer pump / hour	Hour	120.80
22	Convey mucker ( excluding tyres )	Each	38,55,000
	tyres and tubes 6 sets		86,000
23	Core drilling machine	Each	11,00,000
24	Diesel generating set 30 KVA	Each	4,95,000
25	Diesel generating set 50 KVA	Each	6,40,000
26	Diesel Loco 45 hp	Each	21,20,000
27	Dewatering pump 5 hp diesel	Each	40,000
28	Dewatering pump 5 hp electric	Each	24,500
29	Dewatering pump 10 hp diesel	Each	60,000
30	Dewatering pump 10 hp electric	Each	55,000
31	Dewatering pump 20 hp diesel	Each	1,90,000
32	Dewatering pump 20 hp electric	Each	1,00,000
33	Drifter	Each	10,58,000
34	Drilling jumbo ( excluding tyres )	Each	13,02,000
	tyres and tubes 6 sets		86,000
35	Dumper 4.5 cum ( excluding tyres )	Each	14,50,000
	tyres and tubes 6 sets		86,000
36	Geophysical Ele.resistivity meter	Each	4,75,000
37	Grouting pump	Each	1,02,000
38	Guniting / sand blasting equipment	Each	2,80,000
39	Ice plant with accessories 30 t / day	Each	22,80,000
40	Jack hammer	Each	65,000
41	Needle vibrator 40 mm petrol	Each	20,000
42	Needle vibrator 40 mm electric	Each	21,000
43	Needle vibrator 60 mm petrol	Each	21,500
44	Needle vibrator 60 mm electric	Each	25,500

SI No:	DESCRIPTION OF MACHINERY / EQUIPMENT	UNIT	S. Rate for 2013-14
1	2	3	4
45	Planing machine 4 m stroke	Each	7,80,000
46	Plate shearing machine up to 12 mm	Each	4,25,000
47	Pneumatic placer 0.5 cum	Each	5,80,000
48	Pneumatic tamper	Each	85,000
49	Pug cutting machine	Each	16,000
50	Pusher leg	Each	52,000
51	Road roller diesel 10 t	Each	8,50,000
52	Shovel 0.50 cum 75 hp	Each	37,50,000
53	Shovel 0.85 cum 110 hp	Each	63,80,000
54	Stationery derrick crane 5 t	Each	6,53,000
55	Tipper 5 cum ( excluding tyres )	Each	16,25,000
	tyres and tubes 6 sets		86,000
56	Tipping tub 1.5 cum	Each	2,40,000
57	Tower crane 5 tonne	Each	74,75,000
58	Transformer 250 KVA	Each	4,25,000
59	Truck 10 t ( excluding tyres )	Each	14,75,000
	tyres and tubes 6 sets		86,000
60	Truck mounted derrick crane 5 t ( excluding tyres )	Each	19,60,000
	tyres and tubes 6 sets		86,000
61	Upright drilling machine	Each	56,000
62	Ventilation fan 20 hp	Each	2,60,000
63	Vibratory pad foot roller 8 t	Each	29,50,000
64	Wagon drill	Each	6,50,000
65	Water tanker 8000 ltr (excluding tyres)	Each	14,22,000
	tyres and tubes 6 sets		86,000
66	Welding set	Each	48,000
67	Winch 35 hp electric	Each	3,75,000
68	Hydraulic Truck Crane 30T	Each	1,44,84,250
	tyres and tubes 6 sets		1,85,220
69	Hydraulic Truck Crane 16T	Each	1,03,90,875

	tyres and tubes 6 sets		1,85,220
70	Heavy Duty Airless Spray Painting Equipment	Each	4,87,770

**ACCESSORIES TO MACHINERY / EQUIPMENT FOR THE YEAR : 2013-14**

<b>SI No.</b>	<b>DESCRIPTION OF MATERIAL</b>	<b>UNIT</b>	<b>SS Rate for 2013-14</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
1	Casing shoe bit	Each	10,000
2	Diamond core bit BX size	Each	10,000
3	Diamond core bit NX size	Each	12,000
4	Double tube core barrel	Each	12,800
5	Extension drill rod with coupling sleeve	Rm	2000
6	Jack hammer drill rod 1.5 m	Each	3800
7	Jack hammer drill rod 2.5 m	Each	5900
8	Nozzle for Guniting / sand blasting gun	Each	700
9	Paving Cylinder	Each	27,000
10	Rails 30R ( 30 kg / m )	tonne	50,000
11	Reamer shell	Each	5000
12	T.C. Cross bit 50 mm dia	Each	5000
13	T.C. Cross bit 75 mm dia	Each	10,000
14	T.C. Cross bit 100 mm dia	Each	12,000
15	Tyres and Tubes for truck	Set	18,000
16	Wire rope 16 mm dia	Rm	265
17	Excavation of drain with Excavator	cum	35

**AGGREGATE CRUSHING & PROCESSING PLANT**

<b>SI No.</b>	<b>DESCRIPTION OF MATERIAL</b>	<b>UNIT</b>	<b>S Rate for 2013-14</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
1	Jaw crusher 900 x 500 mm ( 120 tph ) with 50 hp motor	Each	19,25,000
2	Jaw crusher 500 x 300 mm ( 60 tph ) with 30 hp motor	Each	10,95,000
3	Jaw crusher 400 x 225 mm ( 10 tph ) with 25 hp motor	Each	5,60,000
4	Jaw plates 900 x 500 mm ( serreted )	Set	1,40,000
5	Jaw plates 500 x 300 mm ( serreted )	Set	63,000
6	Jaw plates 400 x 225 mm ( serreted )	Set	45,000
7	Nylon Conveyor belt 3 ply 600 mm width	Rm	2,000
8	Nylon Conveyor belt 3 ply 1000 mm width	Rm	3,000

**OTHER COSTS ON MATERIAL / MACHINERY / EQUIPMENT  
FOR THE YEAR : 2013-14**

- 1 The rate provided for 'SUNDRIES' (Lump sum provision for unquantified inputs in the data rates) shall be updated on the basis of general percentage increase / decrease in the market rates or on the basis of R.B.I ' All Commodity' index.
- 2 The rate for structural steel fabrication shall include cost of all materials (except structural steel), machinery, labour and one coat of primer painting.
- 3 Demand charges and electric power charges shall be as per prevailing APCPDCL tariff.
- 4 Rate of interest on capital cost shall be as approved by Govt or other competent authority.

SI No.	DESCRIPTION OF MATERIAL	UNIT	S Rate for 2013-14
1	2	3	4
1	Air hose 25 mm dia	Rm	167
2	Air hose 50 mm dia	Rm	298
3	Demand charges (HT-I : General-11 KVA category) on power supply	KVA / month	350
4	Diesel	Ltr	54
5	<b>Electric power (HT-VIII Category) including tax (1.5 times of the Tariff of HT-I(A): General-11 KVA category)</b>	Kwhr	8.50
6	Excise duty on Gates / Hoist supplies	%	0%
7	Insurance charges on machinery	% / annum	1%
8	Interest on capital cost	% / annum	12.5%

SI No.	DESCRIPTION OF MATERIAL	UNIT	S Rate for 2013-14
1	2	3	4
9	Lubricants	Ltr	275
10	Petrol	Ltr	69
11	Rivets	Kg	99
12	Road tax on transport vehicles	Rs./annum	18,132
13	Shalimastic sealing compound	Kg	91
14	Shutter oil	Ltr	78
15	Structural steel fabrication	Kg	24
16	Sundries ( Lump sum for un quantified inputs )	LS	41

17	Water hose ( pressure ) 20 mm dia	Rm	219
18	Steel wedges	LS	16
19	Elbows / Nipple / Plugs etc.,	LS	17
20	Soldering materials	LS	17
21	Steam circulation arrangement	LS	17
22	Fuel charges ( gas for heating )	LS	17
23	Vulcanizing materials	LS	17
24	Other accessories / controls / junctions	LS	deleted
25	Miscellaneous fittings / switches etc	LS	deleted
26	Anchors / supports for cables / lights	LS	deleted
27	Civil works for foundations / pedestals / duct etc	LS	deleted
28	Gas cutting set ( 2 No's 15 m hose and nozzle unit )	Each	14,203
29	Grease	Kg	254
30	Welding holder set ( cable / holder / gloves / mask etc )	Each	7331
31	Use rate of ropes	LS	150

**MATERIALS FOR GATES AND HOISTS FOR THE YEAR : 2013-14**

SI No.	DESCRIPTION OF MATERIAL	UNIT	S Rate for 2013-14
1	Worm reducers	Each	2,24,400
2	Electric motor 20 hp(Double Shaft)	Each	1,21,000
3	Electric motor 17.5 hp(Double Shaft)	Each	85,800
4	Electric motor 12.5 hp(Double Shaft)	Each	72,600
5	Electric motor 5 hp(Double Shaft)	Each	33,000
6	Electric motor 3 hp (Double Shaft)	Each	23,100
7	Electric motor 2 hp (Double Shaft)	Each	121,00
8	Floating shaft 300 mm dia	Kg	180
9	Manual operating system	Each	28,820
10	Gate position indicator	Each	1,95,800
11	Ele-magnetic brake	Each	35,200
12	Electric cable / switch / control panel etc	LS	50,380
13	Wire rope sockets	Each	4,620

**Materials other than covered under irrigation**  
**For the year 2013-14**  
**GENERAL GUIDE LINES FOR REVISING RATES OF MATERIALS:**

- 1 Average of the prevailing market rates, ignoring freak rates, is the criteria for Fixing market rates for materials.
- 2 The rates for materials is inclusive of all taxes, duties and other local levies.
- 3 The rates for materials are **exclusive** of Seigniorage charges wherever applicable.
- 4 The rates for materials, except those for which lead charges are admissible as per the Statement of lead charges is for all leads.

Sl. No.	Description	Unit	S. Rate for 2013-14
1	2	3	4
M-002	Quarried stone 150 - 200 mm size for Hand Broken (Excluding lead charges)	Cum	190
M-003	Boulder with minimum size of 300 mm for Pitching	Cum	206
M-004	Coarse sand for filling ( <b>Excluding Seigniorage charges</b> )	Cum	Rate as per item no.27(b) of material of I&CAD
M-005	Coarse sand for mortar( <b>Excluding Seigniorage charges</b> )	Cum	Rate as per item no.27(a) of material of I&CAD
M-006	Fine Sand ( <b>Excluding Seigniorage charges</b> )	Cum	Rate as per item no.28 of material of I&CAD
M-007	Murum ( <b>Excluding Seigniorage charges</b> )	Cum	Rate as per item no.56 of Material rates of I&CAD.
M-008	Gravel/Quarry spall( <b>Excluding Seigniorage Charges</b> )	Cum	120
M-009	Granular Material or hard murum for GSB works	Cum	Deleted
M-010	Granular Material or hard murum for GSB works	Cum	111
M-011	Fly ash conforming to IS: 3812 ( Part II & I)	Cum	70
	For item No.M-012 to M-055 the note shall be as follows 1) The rates mentioned are <b>exclusive</b> of Seigniorage charges <b>but inclusive of</b> blasting charges of Rs.70/cum and 25% machine crushing charges. However, if the metal is obtained by hand broken, machine crushing charges shall be deducted. 2) If the material is obtained by hand broken from surface boulders/canal spoil, the blasting and crushing charges shall be deducted. 3)The material shall be HB Stone of Granite, Dolomite, Dolerite and Trap.(Quartzite and Basalt with aggregate impact of less than 20)		

Sl. No.	Description	Unit	S. Rate for 2013-14
1	2	3	4
M-012	Filter media/Filter Material as per Table 300-3 (MoRT&H Specification) <b>(excluding Seignorage Charges)</b>	Cum	335
M-013	Close graded Granular sub-base Material 53 mm to 9.5 mm <b>(excluding Seignorage Charges)</b>	Cum	648
M-014	Close graded Granular sub-base Material 37.5 mm to 9.5 mm <b>(excluding Seignorage Charges)</b>	Cum	665
M-015	Close graded Granular sub-base Material 26.5 mm to 9.5 mm <b>(excluding Seignorage Charges)</b>	Cum	690
M-016	Close graded Granular sub-base Material 9.5 mm to 4.75 mm <b>(excluding Seignorage Charges)</b>	Cum	575
M-017	Close graded Granular sub-base Material 9.5 mm to 2.36 mm <b>(excluding Seignorage Charges)</b>	Cum	565
M-018	Close graded Granular sub-base Material 4.75mm to 2.36 mm <b>(excluding Seignorage Charges)</b>	Cum	495
M-019	Close graded Granular sub-base Material 4.75mm to 75 micron mm <b>(excluding Seignorage Charges)</b>	cum	475
M-020	Close graded Granular sub-base Material 2.36 mm <b>(excluding Seignorage Charges)</b>	Cum	475
M-021	Stone crusher dust finer than 3mm with not more than 10% passing 0.075 sieve. <b>(excluding Seignorage Charges)</b>	Cum	340
M-022	Coarse graded Granular sub-base Material 2.36 mm & below <b>(excluding Seignorage Charges)</b>	Cum	425
M-023	Coarse graded Granular sub-base Material 4.75mm to 75 micron mm <b>(excluding Seignorage Charges)</b>	cum	460
M-024	Coarse graded Granular sub-base Material 4.75 mm to 2.36 mm <b>(excluding Seignorage Charges)</b>	Cum	460
M-025	Coarse graded Granular sub-base Material 9.5 mm to 4.75 mm <b>(excluding Seignorage Charges)</b>	Cum	545
M-026	Coarse graded Granular sub-base Material 26.5 mm to 4.75 mm <b>(excluding Seignorage Charges)</b>	Cum	601
M-027	Coarse graded Granular sub-base Material 26.5 mm to 9.5 mm <b>(excluding Seignorage Charges)</b>	Cum	602
M-028	Coarse graded Granular sub-base Material 37.5 mm to 9.5 mm <b>(excluding Seignorage Charges)</b>	Cum	665
M-029	Coarse graded Granular sub-base Material 53 mm to 26.5mm <b>(excluding Seignorage Charges)</b>	Cum	825
M-030	Aggregates below 5.6 mm <b>(excluding Seignorage Charges)</b>	Cum	530
M-031	Aggregates 22.4 mm to 2.36 mm <b>(excluding Seignorage Charges)</b>	Cum	870
M-032	Aggregates 22.4 mm to 5.6 mm <b>(excluding Seignorage Charges)</b>	Cum	990
M-033	Aggregates 45 mm to 2.8 mm <b>(excluding Seignorage Charges)</b>	Cum	635

Sl. No.	Description	Unit	S. Rate for 2013-14
1	2	3	4
M-034	Aggregates 45 mm to 22.4 mm <b>(excluding Seiniorage Charges)</b>	Cum	Rate as per item no.9 of Material rates of I&CAD.
M-035	Aggregates 53 mm to 2.8 mm <b>(excluding Seiniorage Charges)</b>	Cum	870
M-036	Aggregates 53 mm to 22.4 mm <b>(excluding Seiniorage Charges)</b>	Cum	830
M-037	Aggregates 63 mm to 2.8 mm <b>(excluding Seiniorage Charges)</b>	Cum	680
M-038	Aggregates 63 mm to 45 mm <b>(excluding Seiniorage Charges)</b>	Cum	630
M-039	Aggregates 90 mm to 45 mm <b>(excluding Seiniorage Charges)</b>	Cum	Rate as per item no.10 of Material rates of I&CAD.
M-040	Aggregates 10 mm to 5 mm <b>(excluding Seiniorage Charges)</b>	Cum	Rate as per item no.7 of Material rates of I&CAD.
M-041	Aggregates 11.2 mm to 0.09 mm <b>(excluding Seiniorage Charges)</b>	Cum	670
M-042	Aggregates 13.2 mm to 0.09 mm <b>(excluding Seiniorage Charges)</b>	Cum	760
M-043	Aggregates 13.2 mm to 5.6 mm <b>(excluding Seiniorage Charges)</b>	Cum	875
M-044	Aggregates 13.2 mm to 10 mm <b>(excluding Seiniorage Charges)</b>	Cum	980
M-045	Aggregates 20 mm to 10 mm <b>(excluding Seiniorage Charges)</b>	Cum	Rate as per item no.8 of Material rates of I&CAD.
M-046	Aggregates 25 mm to 10 mm <b>(excluding Seiniorage Charges)</b>	Cum	1075
M-047	Aggregates 19 mm to 6 mm <b>(excluding Seiniorage Charges)</b>	Cum	990
M-048	Aggregates 37.5 mm to 19 mm <b>(excluding Seiniorage Charges)</b>	Cum	1050
M-049	Aggregates 37.5 mm to 25 mm <b>(excluding Seiniorage Charges)</b>	Cum	1090
M-050	Aggregates 6 mm nominal size <b>(excluding Seiniorage Charges)</b>	Cum	700
M-051	Aggregates 10 mm nominal size <b>(excluding Seiniorage Charges)</b>	Cum	890
M-052	Aggregates 13.2/12.5 mm nominal size <b>(excluding Seiniorage Charges)</b>	Cum	1045
M-053	Aggregates 20 mm nominal size <b>(excluding Seiniorage Charges)</b>	Cum	1300
M-054	Aggregates 25 mm nominal size <b>(excluding Seiniorage Charges)</b>	Cum	1250

Sl. No.	Description	Unit	S. Rate for 2013-14
1	2	3	4
M-055	Aggregates 40 mm nominal size( <b>excluding Seiniorage Charges</b> )	Cum	805
M-056	AC pipe 100 mm dia	Metre	Rate as per PH item
M-057	Acrylic polymer bonding coat	Litre	460
M-058	Aluminum Paint	Litre	320
M-059	Aluminum alloy plate 2mm Thick	Sqm	370
M-060	Aluminum alloy/Galvanized steel	Tone	68,865
M-061	Aluminum sheeting fixed with encapsulated lens type reflective sheeting including 2% towards lettering, cost of angle iron, cost of drilling holes, nuts, bolts etc. and signs as applicable	Sqm	940
M-062	Aluminum studs 100 x 100 mm fitted with lens reflectors	No's	As per local market rate
M-063	Barbed wire	Kg	80
M-064	Bearing (Cost of parts)	No's	570
M-065	Bearing (Cast steel rocker bearing assembly of 250 tonne )	No's	785
M-066	Bearing (Elastomeric bearing assembly consisting of 7 internal layers of elastomer bonded to 6 nos. internal reinforcing steel laminates by the process of vulcanization,)	Cm <sup>3</sup>	As per Market Competitive rates.
M-067	Bearing (Forged steel roller bearing of 250 tonne)	No's	
M-068	Bearing (Pot type bearing assembly consisting of a metal piston supported by a disc, PTFE pads providing sliding surfaces against stainless steel mating together with cast steel assemblies/fabricated structural steel assemblies duly painted with all components	No's	
M-069	Bearing (PTFE sliding plate bearing assembly of 80 tonnes )	No's	
M-070	Bearing (Supply of sliding plate bearing of 80 tonne)	No's	
M-071	Bentonite	Kg	7.5
M-072	Binding wire	Kg	Rate as per item no.3 of Material rates of I&CAD.
M-073	Bitumen ( Cationic Emulsion )	Tone	As per rates fixed by R&B Dept based on refinery rates
M-074	Bitumen (60-70 grade)(Excluding taxes)	Tone	
M-075	Bitumen (80-100 grade ) (Excluding taxes)	Tone	

Sl. No.	Description	Unit	S. Rate for 2013-14
1	2	3	4
M-076	Bitumen (Cutback )	Tone	
M-077	Bitumen (emulsion)(Excluding taxes)	Tone	
M-078	Bitumen (modified graded)	Tone	
M-079	Brick	Each	As per Building SSR
M-080	C.I. shoes for the pile	Kg	54
M-081	Cement	Tone	Rate as per item no.5 of Material rates of I&CAD.
M-082	Cold twisted bars (HYSD/TMT Bars)	Tone	Rate as per item no.62 of Material rates of I&CAD
M-083	Collar for joints 300 mm dia	No's	160
M-084	Compressible Fibre Board(20mm thick)	Sqm	525
M-085	Connectors/ Staples	Each	80
M-086	Copper Plate(12m long x 250mmwide)	Kg	520
M-087	Corrosion resistant Structural steel	Tone	57,500
M-088	Corrugated sheet, 3 mm thick, "Tie" beam section railing	Kg	200
M-089	Credit for excavated rock found suitable for use	Cum	188
M-090	Curing compound	Liter	131
M-091	Delineators from ISI certified firm as per the standard drawing given in IRC - 79	Each	As per local competitive quotations
M-092	Earth Cost or compensation for earth taken from private land( <b>Excluding Seigniorage Charges</b> )	Cum	40
M-093	Elastomeric slab seal expansion joint assembly manufactured by using chloroprene, elastomer for elastomeric slab unit conforming to clause 915.1 of IRC: 83 (part II),	Metre	As per local competitive quotations
M-094	Electric Detonators @ 1 detonator for 1/2 gelatin stick of 125 gms each	100 no's	1205
M-095	Epoxy compound with accessories for preparing epoxy mortar	Kg	350
M-096	Epoxy mortar	Kg	115
M-097	Epoxy primer	Kg	595
M-098	Epoxy resin-hardner mix for prime coat	Kg	615
M-099	Flag of red color cloth 600 x 600 mm	Each	25

Sl. No.	Description	Unit	S. Rate for 2013-14
1	2	3	4
M-100	Flowering Plants	Each	40
M-101	Galvanized MS flat clamp	No's	195
M-102	Galvanized steel wire crates of mesh size 100 mm x 100 mm woven with 4mm dia. GI wire in rolls of required size.	Sqm	175
M-103	Galvanized structural steel plate 200 mm wide, 6 mm thick, 24 m long	Kg	905
M-104	Gelatin 80%	Kg	73
M-105	Geo grids	Sqm	As per local competitive quotations
M-106	(a)Geo membrane 500 micron thick	Sqm	80
	(b) Geo membrane 750 micron thick	Sqm	120
	(c) Geo membrane 1000 micron thick	Sqm	165
M-107	Geo nets	Sqm	As per local competitive quotations
M-108	(a)Geo textile 160 gsm	Sqm	110
	(b) Geo textile 200 gsm	Sqm	125
	(c) Geo textile 250 gsm	Sqm	150
M-109	Geo textile filter fabric	Sqm	As per local competitive quotations
M-110	GI bolt 10 mm Dia	No's	22
M-111	Grouting pump with agitator	Hour	Rate covered in hire charges of machinery of Irrigation items
M-112	Grass (Doob)	Kg	6
M-113	Grass (Fine)	Kg	8
M-114	HDPE pipes 75mm dia	Metre	Rate as per PH items
M-115	HDPE pipes 90mm dia	Metre	
M-116	Hedge plants	Each	Rate as per local competitive quotations
M-117	Helical pipes 600mm diameter	Metre	
M-118	Hot applied thermoplastic compound	Litre	
M-119	HTS strand	Tone	

Sl. No.	Description	Unit	S. Rate for 2013-14
1	2	3	4
M-120	Joint Sealant Compound	Kg	
M-121	Jute netting, open weave, 2.5 cm square opening for seeding and Mulching	Sqm	90
M-122	LDO for steam curing	Litre	65
M-123	M.S. Clamps	Kg	Deleted
M-124	M.S. Clamps	Kg	Rate as per local competitive quotations
M-125	M.S. shoes @ 35 Kg per pile of 15 m	Kg	Rate as per local competitive quotations
M-126	Mild Steel bars	Tone	45,500
M-127	Modular strip/box seal expansion joint including anchorage catering to a horizontal movement beyond 70 mm and up to 140mm assembly comprising of edge beams, central beam, 2 modules chloroprene seal, anchorage elements, support and control system, all steel sections protected against corrosion and installed by the manufacturer or his authorized representative	Metre	Rate as per local competitive quotations
M-128	Modular strip/box seal expansion joint catering to a horizontal movement beyond 140mm and up to 210mm box/box seal joint assembly containing 3 modules/cells and comprising of edge beams, two central beams, chloroprene seal, anchorage elements, support and control system, all steel sections protected against corrosion and installed by the manufacturer or his authorized representative	Metre	Rate as per local competitive quotations
M-129	Nipples 12mm	No's	19
M-130	Nuts and bolts	Kg	94
M-131	Paint	Litre	243
M-132	Pavement Marking Paint	Litre	Rate as per local competitive quotations
M-133	Paving Fabric	Sqm	
M-134	Perforated geo synthetic pipe 150 mm dia	Metre	
M-135	Perforated pipe of cement concrete, internal dia 100 mm	Metre	
M-136	Pesticide	Kg	Rate as per local competitive

## Materials not covered under Irrigation basic data– Common SoR 2013-14

Sl. No.	Description	Unit	S. Rate for 2013-14
1	2	3	4
			quotations
M-137	R.C.C Pipes 200 mm dia, 2.5 m long for drainage	Metre	Rate as per PH item
M-138	Plastic sheath, 1.25 mm thick for dowel bars	Sqm	Rate as per local competitive quotations
M-139	Plastic tubes 50 cm dia , 1.2 m high	No's	
M-140	Polymer braids	Metre	
M-141	Pre moulded Joint filler, 25 mm thick for expansion joint.	Sqm	
M-142	Pre-coated stone chips of 13.2 mm nominal size	Cum	
M-143	Preformed continuous chloroprene elastomer or closed cell foam sealing element with high tear strength, vulcanized in a single operation for the full length of a joint to ensure water tightness.	Metre	Rate as per local competitive quotations
M-144	Pre-moulded asphalt filler board	Sqm	
M-145	Pre-packed cement based polymer concrete of strength 45 Mpa at 28 days	Kg	Rate as per local competitive quotations
M-146	Primer	Kg	As per building SSR
M-147	Quick setting compound	Kg	As per local market rate
M-148	Random Rubble Stone( <b>Including Loading Charges but excluding Seignorage Charges</b> )	Cum	245
M-149	RCC Pipe NP 4 heavy duty non pressure pipe 1000 mm dia	Metre	Rate as per PH items
M-150	RCC Pipe NP 4 heavy duty non pressure pipe 1200 mm dia	Metre	
M-151	RCC Pipe NP 4 heavy duty non pressure pipe 300 mm dia	Metre	
M-152	Reflectorising glass beads	Kg	Rate as per local competitive quotations
M-153	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Copper Strips)	Metre	
M-154	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Galvanized carbon steel strips)	Metre	
Sl. No.	Description	Unit	S. Rate for 2013-14

1	2	3	4
M-155	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Glass reinforced polymer/ fiber reinforced polymer/polymeric strips)	Metre	
M-156	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Stainless steel strips)	Metre	
M-157	Reinforcement strips 60 mm wide 5 mm thick as per clause 3102. (Aluminum strips)	Metre	
M-158	Rivets	Each	6
M-159	Sand bags (Cost of sand and Empty cement bag)	No's	16
M-160	Sapling 2 m high 25 mm dia	Each	Rate as per local competitive quotations
M-161	Scrap tyres of size 900 x 20	No's	80
M-162	Seeds(Grass)	Kg	18
M-163	Cost of Selected earth (Excluding Seignorage Charges)	Cum	40
M-164	Separation Membrane of impermeable plastic sheeting 125 micron thick	Sqm	Rate as per local competitive quotations
M-165	Sheathing duct	Metre	
M-166	Shrubs	Each	15
M-167	Sludge / Farm yard manure @ 0.18 cum per 100 sqm at site of work for turfing	Cum	Rate as per local competitive quotations
M-168	Sodium vapour lamp	Each	As per building SSR
M-169	Square Rubble Coursed Stone(Including Loading Charges but excluding Seigniorage charges)	Cum	2150
M-170	Steel circular hollow pole of standard specification for street lighting to mount light at 5 m height above deck level	Each	Rate to be obtained from Electricity/ Municipal Departments
M-171	Steel circular hollow pole of standard specification for street lighting to mount light at 9 m height above road level	Each	
M-172	Steel drum 300 mm dia 1.2 m high/empty bitumen drum	No's	As per local competitive market rate
M-173	Steel helmet and cushion block on top of pile head during driving.	Kg	
M-174	Steel pipe 25 mm external dia as per IS:1239	Metre	280
M-175	Steel pipe 50 mm external dia as per IS:1239	Metre	545
M-176	Steel wire rope 20 mm	Kg	180
M-177	Steel wire rope 40 mm	Kg	205
<b>Sl. No.</b>	<b>Description</b>	<b>Unit</b>	<b>S. Rate for 2013-14</b>

1	2	3	4
M-178	Strip seal expansion joint	Metre	Rate as per local competitive quotations
M-179	Structural Steel(HYSD/TMT bars)	Tone	Rate as per item no.62 of Material rates of I&CAD
M-180	Super plasticizer admixture IS marked as per 9103-1999	Kg	65
M-181	Synthetic Geo grids as per clause 3102.8 and approved design and specifications.	Sqm	Rate as per local competitive quotations
M-182	Through and bond stone (a) 20X20x30 to 45 cm long	Each	Rate as per item No. 75 of Material rates of I & CAD
	Through and bond stone (b) 25X25x45 to 60 cm long	Each	Rate as per item No. 76 of Material rates of I & CAD
	Through and bond stone (c) 30X30x65 to 75 cm long	Each	Rate as per item No. 77 of Material rates of I & CAD
M-183	Tie rods 20mm diameter	No's	52
M-184	Tiles size 300 x 300 mm and 25 mm thick	Each	As per Building SSR
M-185	Timber	Cum	
M-186	Traffic cones with 150 mm reflective sleeve	No's	Rate as per local competitive quotations
M-187	Tube anchorage set complete with bearing plate, permanent wedges etc	No's	
M-188	Un slaked lime	Tonne	2540
M-189	Water	KiloLitre	100
M-190	Water based cement paint	Litre	As per building SSR
M-191	Welded steel wire fabric	Kg	150
M-192	Wire mesh 50mm x 50mm size of 3mm wire	Kg	245
M-193	Wooden ballies 2" Dia for bracing	Each	As per Building SSR
M-194	Wooden ballies 8" Dia and 9 m long	Each	
M-195	Wooden packing	Cum	1265

Sl. No.	Description	Unit	S. Rate for 2013-14
1	2	3	4
M-196	Wooden staff for fastening of flag 25 mm dia, one m long	Each	75
Item 8.3	Printing new letter and figures of any shade (ii) English Roman	per cm height per letter	1.60
Item 8.8	Painting Two Coats on New Concrete Surfaces	Sqm	As per Building SSR
Item 8.9	Painting angle iron post Two Coats	Sqm	As per Building SSR
<b>Miscellaneous Items</b>			
1	Benching old embankment slopes 0.45 X 0.45 M	RM	4.20
2	Laying Sand Bags in the stipulated places including cost of empty cement bag, sand, thread, stitching charges and labour charges with 14%overhead charges and contractors profits.	per bag	25.60
3	Rough stone for revetment 225mm thick ( including Loading charges but excluding Seigniorage charges)	Cum	140
4	Eradication of Weed growth from Drains, Canals by spraying Chemicals	Sqm	1.75
5	Thinner	Ltr	140

# **PUBLIC HEALTH ITEMS**

Sl. No	Description	Unit	SoR for 2013-2014
1	2	3	4
1	RATES OF LABOUR (SKILLED WORKMEN)		
	1. Caulkar	Per Day	As per Labour rates of SoR
	2. Plumber 1st Class	Per Day	
	3. Plumber 2nd Class	Per Day	
	4. Sewer Cleaner	Per Day	
	5. Well Sinker	Per Day	
	6. Pipe line Fitter 1st Class	Per Day	
	7. Pipe line Fitter 2nd Class	Per Day	
	8. Pump Operator	Per Day	
	9. Bore Mechanic	Per Day	
	10. Light Vehicle Driver	Per Day	
	Note: The rate at relevant item in common SoR is applicable for occasional employment.		
2	RATES FOR EARTH WORK :		
a.	Earth work excavation in all types soils for pipe lines, for drainage and water supply, where the depth is more than 1.5 times the width.		To follow the relevant items of Irrigation work items as per AP. Standard data
b.	Earth work excavation in all types soils for pipe lines, for drainage and water supply, where the depth is less than 1.5 times the width.		
c.	Earth work excavation in all types soils for open trenches, for valve pits, inspection chambers, etc.		
3.	Excavation of pipe line trenches for drainage and water supply in rock requiring blasting with initial lead and lift including cost of blasting materials where the depth is more than 1.5 times the width, in places where there is no habitation.		
a.	Excavation of pipe line trenches for drainage and water supply in rock requiring blasting with initial lead and lift including cost of blasting materials where the depth is less than 1.5 times the width, in places where there is no habitation.		
b.	Excavation of pipe line trenches for drainage and water supply in rock requiring blasting with initial lead and lift including cost of blasting materials where the depth is less than 1.5 times the width, in places where there is no habitation.		
c.	Cutting rock for pipe line trenches by hammers, nuckles and chisels including stacking where the depth is 1.5 times or more than the width.		
d.	Cutting rock for pipe line trenches by hammers, nuckles and chisels including stacking where the depth is less than 1.5 times the width.		
e.	Cutting rock for works other than pipe lines trenches by hammers, nuckles and chisels including stacking.		
f.	For controlled blasting at restricted places		
	NOTE :- Rock should be measured in solids. In case it is not possible, stacks should be made in which case 40% for voids to be deducted from the stack measurements.		
4	Loading or unloading materials such as C.I. Pipes, PVC Pipes, AC Pressure Pipes, DI Pipes, SW Pipes, PVC Pipes, A.C/Specials less than 300 mm dia upto 4 m in length including stacking.		
a.	C.I. Pipes/D.I. Pipes and fittings	Per Tonne	To follow as per AP. Standard data
b.	A.C. Pipes & Specials	Per Tonne	
c.	Stoneware pipes & Specials	Per Tonne	
d.	P.V.C. Pipes and fittings	Per Tonne	
5	Loading or unloading materials such as C.I. Pipes, DI pipes, SW pipes, AC pressure pipes & fittings/ specials from 300 mm to 600 mm dia upto 4 m in length including stacking.		
a.	C.I. Pipes/D.I. Pipes and fittings	Per Tonne	To follow as per

b.	A.C. Pipes & Specials	Per Tonne	AP.Standard data
c.	Stoneware pipes & Specials	Per Tonne	
6	Loading or unloading materials such as C.I. Pipes, DI pipes, PVC pipes, AC pipes less than 300 mm dia, above 4 m in length including stacking.		
a.	C.I. Pipes/D.I. Pipes and fittings	Per Tonne	To follow as per AP.Standard data
b.	A.C. Pipes & Specials	Per Tonne	
c.	P.V.C. Pipes and fittings	Per Tonne	
7	Loading or unloading materials such as C.I. Pipes, DI pipes, AC pipes from 300 mm to 600 mm above 4 m in length including stacking.		To follow as per AP.Standard data
a.	C.I. Pipes/D.I. Pipes and fittings	Per Tonne	
b.	A.C. Pipes & Specials	Per Tonne	
	Note:- For loading and unloading the above materials at Railway Stations, the rates may be adopted based on the competitive quotations or the hammalae charges if prevailing.		
8. a.	Lowering C.I. / D.I. Pipes (all classes) and specials (fittings) with s/s ends carefully into trenches and laying them true to alignment and gradient including all sundries but excluding cost and conveyance of pipes from source of supply (Ref to specifications. BIS No.3114/1994)		To follow as per AP.Standard data
	Diameter of Pipe/Fittings in mm :		
	80mm to 1000mm dia	Per Metre	
8. b.	Lowering C.I. / D.I. Pipes (all classes) and specials (fittings) with flanged ends carefully into trench and laying them true to alignment and gradient including all sundries but excluding cost and conveyance of pipes from source of supply. (Reference to specifications. BIS No.3114/1994)		To follow as per AP.Standard data
	Diameter of Pipe/Fittings in mm :		
	80mm to 750mm dia		
	800mm dia	Per Metre	438.00
	900mm dia	Per Metre	569.00
	1000mm dia	Per Metre	740.00
	1100mm dia	Per Metre	912.00
	1200mm dia	Per Metre	1084.00
9. a.	Jointing CI /DI pipes & fittings with s/s ends including cost of pig lead, Spun yarn and sundries such as cost of fuel for melting lead, filling with water with lead up to 500m and testing to required pressure complete. (Reference to specifications. BIS No.3114/94/12288:1997)		To follow as per AP.Standard data
	Diameter of Pipe/Fittings in mm :		
	80mm to 800mm		
	900mm dia	Each Joint	12593.00
	1000mm dia	Each Joint	14068.00
	1100mm dia	Each	15543.00

		Joint	
	1200mm dia	Each Joint	17018.00
9. b.	Jointing C.I., D.I. pipes and fittings with rubber gasket (push-on-joint), excluding the cost of the gasket but including all sundries filling with water, with a water lead up to 500m and testing to required pressure, etc. complete (Reference to specifications IS 3114/1994/12888/1997)		To follow as per AP.Standar d data
	Diameter of Pipe/Fittings in mm :		
	80mm to 1000mm dia	Each Joint	
10	Jointing CI pipes, fittings and valves with flanged ends including cost of jointing materials such as bolts, rubber insertion, white lead including filling with water, with lead up to 500 meters and testing to required pressure complete. (Reference to specifications. BIS No.3114/1994.)		To follow as per AP.Standar d data
	Diameter of pipe/Fittings/ valve in mm :		
	80mm to 750mm dia	Each Joint	
	800mm dia	Each Joint	5280.00
	900mm dia	Each Joint	6210.00
	1000mm dia	Each Joint	7151.00
	1100mm dia	Each Joint	8116.00
	1200mm dia	Each Joint	9115.00
11 a	Lowering the RCC plain ended pipes carefully into the trench laying them true to alignment and gradient, jointing RCC pipes with cement joints including curing, the cost of jointing materials i.e., Cement Mortar (1:1.5), hemp yarn etc., and testing including filling with water with a water lead upto 500 metres excluding cost of rubber rings as per BIS No.783/85.		
	per every 25 mm dia.	Per Metre	16.00
11 b	Lowering the RCC S/S pipes carefully into the ready made trenches laying them true to alignment and gradient, jointing with rubber rings and testing including filling with water with a water lead upto 500 meters including cost of rubber rings as per BIS No. 783/1985		To follow as per AP.Standar d data
	per every 25 mm dia.	Per Metre	
	80mm to 600mm		
	700mm dia		265.00
	800mm dia		318.00
	900mm dia		382.00
	1000mm dia		457.00
12	Lowering and Jointing G.I. pipes and specials / fittings including excavation of trench of 0.5m width and 0.50 m depth in all soils except rock requiring blasting and refilling trenches after laying and jointing pipes and also including cost of jointing materials but excluding the cost of pipes. Reference to specifications. BIS No.783/85		To follow as per AP.Standar d data
a	G.I. Pipes :Dia in mm		
	15mm to 150mm	Per Metre	
b	Laying, jointing of PVC/HDPE pipes as per BIS No.7634 part-III/75 for PVC and BIS No.7634 part-II/75 for HDPE pipes including trench excavtion and refiling.		
	Dia in mm		
	50mm dia	Per	25.00

		Metre	
	40mm dia	Per Metre	25.00
	32mm dia	Per Metre	25.00
	25mm dia	Per Metre	23.00
	20mm dia	Per Metre	22.00
	Note:(i) The above rates are applicable for the works in District only.		
	(ii) If the depth of excavation is more than 0.5 m separate rates to be worked out.		
13	Lowering and laying in ready made trench true to alignment and gradient, jointing, and testing of <u>Stone ware pipes</u> including cost of jointing material such as cement mortar (1:1) proportion and hemp yarn but excluding cost and conveyance of pipe. (Reference to specifications BIS No. 6530/72)		To follow as per AP. Standard data
	Dia of Pipes in mm .		
	100mm to 450mm	Per Metre	
14	Lowering, laying, jointing and testing to hydraulic test pressure including cost of water with minimum water lead of 500m for <u>UPVC pressure pipes</u> in ready made trenches true to alignment and gradient including all sundries but excluding cost & conveyance of pipes from source of supply and jointing materials as per BIS No. 7634 - Part III - 1975		To follow as per AP. Standard data
	Dia of Pipes in mm .		
	63mm to 315mm	Per Metre	
15	Laying and jointing of HDPE pipes by butt fusion welding as per IS:7634 – part-II/1975 as amended from time to time to the alignment and gradient and testing the pipeline to the required pressure.		
	Outer Dia of pipes in MM		
	63mm dia OD	Per Metre	32.00
	75mm dia OD	Per Metre	35.00
	90mm dia OD	Per Metre	40.00
	110mm dia OD	Per Metre	45.00
	125mm dia OD	Per Metre	55.00
	140mm dia OD	Per Metre	58.00
	160mm dia OD	Per Metre	63.00
	180mm dia OD	Per Metre	69.00
	200mm dia OD	Per Metre	75.00
	225mm dia OD	Per Metre	83.00
	250mm dia OD	Per Metre	88.00
	280mm dia OD	Per Metre	97.00
	315mm dia OD	Per Metre	166.00

	355mm dia OD	Per Metre	185.00
	400mm dia OD	Per Metre	206.00
	450mm dia OD	Per Metre	229.00
16	Lowering, keeping in position and fixing C.I. sluice valves (with cap / with hand wheel & Reflex valves) excluding cost of bolts, nuts, rubber insertion, sluice valve and tail pieces		To follow as per AP. Standard data
	<u>Dia of Valve in mm.</u>		
	80mm to 450mm	Each	
17	Labour charges for fixing <u>Air valves</u> including boring the mains and threading the bore fixing nipple etc., complete.		To follow as per AP. Standard data
	<u>Dia of Air valve in mm.</u>		
	25mm dia	Each	
	40mm dia	Each	
	50mm dia	Each	136.00
	65mm dia	Each	145.00
	80mm dia	Each	158.00
	100mm dia	Each	186.00
	125mm dia	Each	290.00
	150mm dia	Each	318.00
18	Labour charges for fixing Kinetic Air Valves with isolating Sluice valves, Double Air valves/ Air Cushion valve excluding cost of jointing materials such as bolts, nuts and rubber insertions etc., complete.		
	<u>Dia of Air valve in mm.</u>		
	25mm dia	Each	129.00
	40mm dia	Each	146.00
	50mm dia (Double Air valves)	Each	155.00
	65mm dia (Double Air valves)	Each	166.00
	80mm dia (Double Air valves)	Each	182.00
	100mm dia (Double Air valves)	Each	212.00
	125mm dia (Double Air valves)	Each	331.00
	150mm dia (Double Air valves)	Each	362.00
19	Uprooting C.I./ DI Pipes by melting the lead, loosening the joints, scraping the pipes, hoisting and keeping within a lead of 10 m but excluding earth work excavation and refilling.		To follow as per AP. Standard data
	80mm to 600mm	Per Metre	
20	Uprooting of RCC pipes including breaking the collars, loosening the joint, separating the pipes, hoisting and keeping within a lead of 10 m but excluding earthwork excavation and refilling.	Per Metre	To follow as per AP. Standard data
	100mm to 300mm		
21	Removing old G.I.pipes and specials / fittings and cleaning, scraping the pipes, hoisting and keeping with in 50m lead but excluding earth work excavation of trenches and refilling.		To follow as per AP. Standard data
	<u>Dia of Pipes in mm</u>		
	15mm to 50mm	Per Metre	
22	Cutting C.I./ DI Pipes without water in mains. Dia of pipes in mm.		
	<u>Dia of Pipes in mm</u>		
	80mm to 600mm	Each cut	To follow as per AP. Standard data
	680mm dia	Each cut	384.00
	700mm dia	Each cut	395.00

	750mm dia	Each cut	424.00
	800mm dia	Each cut	452.00
	900mm dia	Each cut	508.00
	1000mm dia	Each cut	564.00
	1100mm dia	Each cut	622.00
	1200mm dia	Each cut	678.00
23	Cutting A.C. Pipes without water in mains.Dia of pipes in mm.	Each cut	
	Dia of Pipes in mm		
	80mm dia	Each cut	25.00
	100mm dia	Each cut	25.00
	125mm dia	Each cut	25.00
	150mm dia	Each cut	25.00
	200mm dia	Each cut	26.00
	250mm dia	Each cut	43.00
	300mm dia	Each cut	43.00
	350mm dia	Each cut	53.00
	400mm dia	Each cut	58.00
	450mm dia	Each cut	73.00
	500mm dia	Each cut	81.00
	600mm dia	Each cut	89.00
24	Drilling and tapping CI/ DI / GI Main and fixing brass screw down ferrule and plug.		To follow as per AP. Standard data
	10 mm to 20mm	Each Tapping	
	25 mm to 40mm	Each Tapping	
25	Cutting road surface including stacking of excavated materials for pipe line trench work.		
	a) Cutting open B.T. road surface (as well as asphalt concrete upto 75 mm thick) including water bound macadam	10 Sqm	518.00
	b) Cutting open C.C. road surface	1 Cum	1440.00
	c) Cutting open water bound macadam road including soiling	1 Cum	177.00
26	Bailing out water.(For PH item)		
	a) Bailing out water from the pipe line trenches with oil engine driven pumpsets, including hire charges, fuel charges and wages for Driver and Helper.	HP/Hour	44.00
	b) Bailing out water from the pipe line trenches with Electric Driven pumpset including hire charges, current charges and wages for Driver and Helper.	HP/Hour	32.00
	NOTE:- The rate is payable on the total H.P. hours ignoring fractions less than 0.5 HP hour and rounding off 0.5 HP hour or more to the next higher integer.		
27	Shoring and strutting of trenches for water and sewer main.		
	a) Single Staging from (0 to 2.5 Mts.)	1 Sqm of Shoring area	To follow as per AP. Standard data
	b) Double staging from (2.5 m to 4.5 Mts.)	1 Sqm of Shoring area	
28	Barricading, hoarding, lighting and watching etc., for water supply and sewerage works for trenches.	1 RMT	To follow as per AP. Standard data
29	Excavation of trenches for infiltration galleries, syphon lines and connecting mains in all soils under water including all leads, lifts, shoring, strutting, bailing out water and removal of shoring and strutting materials, after completion of pipe line work.		
	a) 0 to 1 m deep under water.	10 Cum	9645.00

	b) 1 to 2 m deep under water.	10 Cum	13815.00
	c) 2 to 5 m deep under water.	10 Cum	20737.00
	d) Beyond 5 m deep under water for every additional 1 m depth over item 'c'	10 Cum	3962.00
	NOTE:- The above rates do not include rock requiring blasting or chiselling		
30	Laying and jointing <u>perforated RCC pipes</u> inclusive of bailing out water and jointing with cement fillets and all other incidental charges for infiltration gallery inclusive of bailing out water by pumping to keep the trench reasonably dry to facilitate the work excluding cost of perforated pipes and collars. per every 25 mm dia.	Per Metre	30.00
31	Centring and scaffolding charges for RCC members including all materials and labour charges for forming and dismantling.		
a)	for R C C Elevated Service Reservoir of staging up to 15 metre below L W L.		
	1) Slabs for thickness (150 mm to 300 mm)	One Sqm of Centering area	2577.00
	2) Slabs for thickness above (300 mm)		5152.00
	3) Side walls curved surfaces.		1947.00
	4) Side wall straight surfaces.		1733.00
	5) Dome.		2110.00
	6) Roof Slab.		1299.00
	7) Column braces and beams		869.00
	8) Circular braces, ring beams & circular column.		953.00
	Note:- For RCC ELSR of staging above 15 m, the % increase in these rates shall be as follows. 15-18 m ---- 9% 18-21m --- 15% 21-24 m --- 21% 24 m -27m --27% above27m ---- 30%		
b)	For Ground level works :-		
	1) Slabs	1 Sqm	To follow as per AP.Standard data
	2) Beams & Lintels	1 Cum	
	3) Sun shades	1 Sqm	
	4) RCC vertical walls of plane surface	1 Sqm of centering area	As per Building SoR
	5) RCC vertical walls of circular faces	1 Sqm of centering area	30% extra over the rates of Plane surfaces
	NOTE: Scaffolding for every extra height of 1 m or part thereof but not less than 0.5 m. The above centering charges are applicable for water retaining structures only.		
32	Lift or delift of materials :		
	a) Lifting of cement concrete for RCC elevated reservoir. For every 1m height or part thereof over the initial lift of 3 m	1 Cum	To adopt as per Building SoR
	b) Delifting the materials such as stones, concrete etc., for concrete below ground level for construction of masonry ground level reservoirs, construction of masonry ground level reservoirs, inspection wells, test wells and sump wells etc., for every 1 m depth or part thereof beyond the initial depth of 3 meters from ground level.	1 Cum	50% of the lift rates
33	Labour charges for fixing ventilating shafts complete with all accessories.	Each	To follow as per AP.Standard

			Observed data
34	Labour charges for fixing water closets including fixing of foot rests (for all sizes).	Each	Relevant Building SoR items
35	Labour charges for fixing of flushing cistern including fixing of flush pipes, lead pipe, jointing etc., complete	Each	
36	Labour charges for fixing wash hand basin including fixing of inlet and waste pipe connections etc., complete	Each	
37	Fixing urinal with inlet and waste pipe connections etc., complete.	Each	
38	Refilling the trench for pipe line with excavated earth including watering and tamping etc., complete	10 Cum	
39(a)	Extra allowance for isolated scattered works viz., valve pits / chambers, public fountains, meter pits and manholes, delivery cistern etc., complete.	Each	50% extra over the cost of chamber.
(b)	Repairs to the existing mains, interconnections, replacement of valves/specials etc., including the cutting, jointing, bailing out of water, drying, earth work excavation etc., complete.		150% extra over the cost of work
40	Removal of wet silt and sludge from sullage drains with aid of baskets and vessels.	10 Cum	1450.00
41	Well sinking in sandy and other loose soils under water either by manual labour, divers, or dredgers, weighting the top of staking to assist sinking etc., including dewatering and other incidental charges such as hire charges for mechanical equipment etc		
	Upto 2 m below GL/m	Per metre	To adopt as per AP.Standard data
	From 2 to 4 m below GL/m	Per metre	
	From 4 to 6 m below GL/m	Per metre	
	From 6 to 8 m below GL/m	Per metre	
	From 8 to 10 m below GL/m	Per metre	
	Note:-Below 10 m for every metre depth or part thereof add Rs.250/- per m. For higher dia, observed data is to be prepared and got approved.		
42	Sinking in Hard strata other than rock but in soils like limestone, gravel, clay under water including, pumping dewatering, hire charges for mechanical equipment etc., complete.		Observed Data
43	Rates for OHSRs/ELSRs including fixtures with a staging of 15 m, without Seismic analysis.		
a	500 Kilo litres	Per litre	15.63
b	1000 Kilo litres	Per litre	12.92
c	1500 Kilo litres	Per litre	11.65
d	2000 Kilo litres	Per litre	10.90
e	2500 Kilo litres	Per litre	10.22
	1) For intermediate ranges proportional rates may be adopted. All VRCC shall be in M30 grade design mix.		
	2) The above rates are applicable for ELSRs / OHSRs with Raft foundation footings and rate of Rs.4,100/- per tonne for cement and Rs.43,000/- per tonne for steel.		
	3) For every metre of staging less than 15 m, the rate shall be reduced by Rs.0.05 paise per litre per every metre of difference in staging		
	4) For every metre of staging above 15 m, the rate shall be increased by Rs.0.10 paise per litre per every metre of additional in staging		

5)The above rates shall be increased / decreased due to increase / decrease in the cost of cement by Basic Rate x (Rc-4100) x 0.00007Rc = Rate of cement (Rs per Mt) at the time of preparation of estimate		
6)The above rates shall be increased / decreased due to increase / decrease in the cost of steel Basic Rate x (RS-43000) x 0.00002 Rs = Rate of steel (Rs per Mt) at the time of preparation of estimate.		
7) Rate inclusive of three coats of epoxy paint to inner surface of the reservoir including roof dome.		
8) The above rates be adopted for estimate purposes for construction of ELSR for a finished work including 2 coats of wheather proof emulsion painting for external surfaces, lettering, all required fixtures, pipes, bends, valves etc., for pipe connections including cost of pipes,bends and valves as per departmental designs and drawings.		
9) The above rates are applicable for wind pressure upto 350 kg / sqm. For every 100 kg/sqm decrease in wind pressure, the rate is to be decreased by 5%		
10) For tribal/Agency / Rural area, the above rates shall be increased by 10%		
11) If the ELSR is to be designed for seismic forces a) The above rates are applied upto Zone-II earth quake. b) for Zone-III earth quake the above rates are to be increased by 33 1/3% .		
12) Fixtures include.		
a) A balcony of 1.0 m width at floor slab level/middle ring beam level/ top ring beam level with S.S pipe hand railing upto 1.0mts height.		
b) D.I. Manhole frame and cover OF 0.60 x 0.6 m size : 2 Nos.		
c) D.I swan neck ventilators shall be provided in top dome and slab for mosquito proof.		
d) RCC Finial - 1 No.		
e) RCC precast ladders 0.60 m wide - 2 Nos.		
f) RCC dog legged stair case with 1.0mts staircase flight width and 1.20mts landing width with S.S railing of 1.mts height - 1 No.		
g) Latest Water level indicator-Digital water level indicators of reputed make - 1 No.		
h) Lightening arrestor with all its accessories complete including earthing - 1 No.		
i) Construction of R.C.C valve chambers		
j) For 500KL to 1000KL two rows columns shall be provided .		
k) Above 1000KL three rows columns shall be provided .		
l) Minimum staging for all ELSR/OHSR shall be 12.0mts.		
m) The increase in staging shall be at 1.0mt interval.		
n) The railing provided to the gallery and staircase shall be with stainless steel of grade 304 for a height of 1.20mts		
o). The staircase shall be enclosed with brick/CRS wall on three side and collapsible gate on front side upto 1st brace level from ground level to prevent unauthorized entry.		
p). The above rates are inclusive of all inlet, out let, scour conenction and valves. All the vertical connections are with D.I and all valves near inlet, out let and for scour of ELSRs shall be D.I valves.		
q) <u>Vertical connections</u> : All the inlet, out let, over flow and scour pipes and fittings shall be of D.I. The minimum size of scour pipe is 200mm dia. All the valves shall be of DI of PN 20 and valve chambers shall be constructed with VRCC M20 grade with 150mm thick side walls,, 150mm thick top slab , 150mm thick base slab over base course of 100mm thick (1:4:8)prop . The rates of inlet, outlet, scour and over flow pipes , D.I valves of PN20 and Valve chambers are included in the litre rate of ELSRs		

	<p>r)<u>Compound wall</u>: Construction of compound wall including M.S.Gate is included in the litre rate of ELSRs. Length of compound wall shall be minimum of 150mts. The compound wall shall be constructed including earth work excavation for the minimum width of 0.60mts and depth of 0.60mts for wall portion and for column footings of 0.75x0.75 mts x 1.50mts size. VRCC footings 0.75*0.75*0.30mts in VRCC M20 grade shall be constructed over a C.C (1:4:8)prop bed of 150mm thick. The columns shall be of 230*230 mm size with VRCC M20 grade at 3.60m c/c spacing having depth of 0.75mts below ground level and height of 2.40mts, plinth beam of size 230X230 mm shall be constructed in VRCC M20 grade at basement level. 450*450mm size columns in M20 grade shall be constructed for gate.</p>																	
	<p>The size of CRS masonry in C.M(1:6)prop below ground level shall be of 0.45X0.45mts and size of basement above G.L is 0.45X0.30mts and size of brick work above plinth beam is 230mm with 2nd class bricks in CM(1:6)Prop upto 1.80mts . Plastering shall be done with 16mm thick in two coats i.e., base coat 12mm thick in CM(1:6)prop and 4mm thick 2nd coat CM(1:4) prop on both sides of brick work and CRS masonry upto and including 150mm below ground level. Plain CC M20 grade 75mm thick coping shall be provided over top of compound wall to prevent entry of rain water .</p>																	
	<p>Over the compound wall, fencing shall be provided upto 0.60mts height with barbed wire fencing. Snowcem paint in two coats shall be provided for both sides of wall. The M.S ornamental gate as per the approved drawings shall be provided with minimum of 3.60mts width and 2.40mts height with enamel paint. Yard lighting shall be arranged on four corners of compound wall. If the length of the wall is increased/decreased</p>																	
	<p>Note:-For every 10.0mts increase/decrease in length of compound wall the increase/decrease in litre rates in 500KL to 2500KL capacity ELSRs shall be as follows.:</p> <table> <tr> <td>500 KL</td> <td>:</td> <td>0.86%</td> </tr> <tr> <td>1000 KL</td> <td>:</td> <td>0.47%</td> </tr> <tr> <td>1500 KL</td> <td>:</td> <td>0.34%</td> </tr> <tr> <td>2000 KL</td> <td>:</td> <td>0.26%</td> </tr> <tr> <td>2500 KL</td> <td>:</td> <td>0.22 %</td> </tr> </table>	500 KL	:	0.86%	1000 KL	:	0.47%	1500 KL	:	0.34%	2000 KL	:	0.26%	2500 KL	:	0.22 %		
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2500 KL	:	0.22 %																
	<p>s)<u>watchmen quarter</u> shall be constructed for a minimum plinth area of 40 sqm with the following specification. Construction of RCC framed structure with RCC grade not less than M20 design mix at the places specified by the department at the time of execution with verandah, hall, bed room, kitchen and bath &amp;W/C with floor area of 40.00sqmts excluding balconies and staircases.</p>																	
	<p>MS hollow door frame with cold rolled processed steel sheet 1.25mm thick bright CRCA conforming to IS 4351/76, Flush door shutters with solid bond wood bond board doors shall be provided. N.C.L. Windows centre fixed both sides openable shutter window 1.35 X 1.35mts outer frame section 48 x50mm shutter frame section with a size of 48 X20 mm mullion section of size 48 X 50mm fixed beading section of 12 X 12 mm shall be provided. Flooring with polished Kadapa stone shall be provided. Walls should be provided with snowcem paint in two coats over primary coat. Electrical and water supply arrangement shall be provided as directed by dept officer. Syntex tank with necessary out let and inlet connection, pipes shall provided. septic tank for 5 users shall be provided.</p>																	
44	Rates for OHSRs/ELSRs including fixtures with a staging of 10 m without Seismic analysis.																	
a	Upto 10,000 Litres capacity	Per litre	50.07															
b	15,000 Litres capacity	Per litre	34.43															
c	20,000 Litres capacity	Per litre	33.83															
d	40,000 Litres capacity	Per litre	29.95															
e	60,000 Litres capacity	Per litre	22.72															
f	1,00,000 Litres capacity	Per litre	20.98															
g	2,00,000 Litres capacity	Per litre	18.36															
h	3,00,000 Litres capacity	Per litre	17.23															

i	4,00,000 Litres capacity	Per litre	15.20
j	4,50,000 Litres capacity	Per litre	13.17
	NOTE: -1) For intermediate ranges proportional rates may be adopted. All VRCC shall be in M30 grade design mix.		
	2)The above rates are applicable for Elevated Level Services Reservoirs / OHSRs with RAFT FOUNDATION and a rate of Rs.4,100/- per tonne for cement and Rs.43,000/- per tonne for steel.		
	3) For every metre of staging less than 10 m, the rate shall be reduced by Rs.0.05 paise per litre per every metre of difference in staging		
	4) For every metre of staging above 10 m, the rate shall be increase by Rs.0.10 paise per litre per every metre of additional in staging		
	5) The above rates shall be increased / decreased due to increase / decrease in the cost of cement by $\text{Basic Rate} \times (\text{Rc}-4100) \times 0.00007$ Rc = Rate of cement (Rs per Mt) at the time of preparation of estimate		
	6)The above rates shall be increased / decreased due to increase / decrease in the cost of steel by $\text{Basic Rate} \times (\text{RS}-43000) \times 0.00002$ Rs = Rate of steel (Rs per Mt) at the time of preparation of estimate.		
	7) Rate inclusive of three coats of epoxy paint to inner surface of the reservoir including roof dome.		
	8) The above rates be adopted for estimate purposes for construction of ELSR for a finished work including 2 coats of wheather proof emulsion painting for external surfaces, lettering, all required fixtures, pipes, bends, valves etc., for pipe connections but excluding cost of pipes,bends and valves as per departmental designs and drawings.		
	9) The above rates are applicable for wind pressures upto 350 kg / sq m .For decrease in wind presure the rate has to be decreased by 5% per every 100kg/sqm. If the ELSR / OHSR is to be designed for seismic forces also, cost shall be arrived by working out detailed quantities based on the designs.		
	10) For Tribal/Agency/ Rural area, the above rates shall be increased by 10%		
	11) If the ELSR is to be designed for seismic forces also, cost shall be arrived by working out detailed quanitites based on the design & difference to be paid extra.		
	12) If the ELSR is to be designed for seismic forces a) The above rates are applied upto Zone-II earth quake. b) for Zone-III earth quake the above rates are to be increased by 33.33 % .		
	13) Fixtures include :		
	a) RCC or Aluminium ladder inside 0.60 m wide.		
	b) spiral staircase on the outside shall be provided upto 200KL. Above 200KL capacity dog legged staircase shall be provided with staircase flight width of 1.0mts and landing width of 1.20mts with S.S railing upto 1.0 height.		
	c) Lightening arrestor, including conductor and earthing etc.		
	d) RCC ventilators with copper or stainless steel fly proof mesh.		
	e) D.I Manholes frame and cover 0.60x0.60 m as per IS specifications (light duty) - 2 Nos.		
	f) Water level indicator of good quality with ebonite/ copper float approved pattern - 1 No.		
	g) The ladder shall be with M.S ladder and Verticals with HDPE of 10kg/Sqcm shall be provided for single column OHSRs only.		
	h) Minimum staging for all ELSR/OHSR shall be 10.0mts.		
	i) The increase in staging shall be at 1.0mt interval.		
	j)The railing provided to the gallery and stair case shall be with stainless steel of grade 304 for a height of 1.20mts.		

	k). The dog legged staircase shall be enclosed with brick/CRS wall on three sides and front side with M.S collapsible gate upto 1st brace level from ground level to prevent unauthorized entry.		
	l). D.I swan neck ventilators shall be provided in top dome and slab.		
	m). The above rates are exclusive of all inlet, out let connection and valves. All valves near inlet, out let and for scour of ELSRs shall be D.I valves.		
45	Construction of Rapid Gravity Filtration Plant including civil, mechanical and electrical fully automation including trial running etc., complete.		
	1) 2.0 Mld	Per litre	3.09
	2) 5.0 Mld	Per litre	2.82
	3) 10.0 Mld	Per litre	2.55
	4) 20.0 Mld	Per litre	2.29
	5) 30.00 mld and above	Per litre	2.01
	NOTE :-		
	a) For intermediate ranges proportional rates may be adopted		
	b) The above rates are applicable with cement @ rate of Rs.4,100/-MT and steel of Rs. 43,000/MT.		
	c)The above rates shall be increased / decreased due to increase / decrease in the cost of cement by Basic Rate x (Rc-4100)x0.00007 Rc = Rate of cement (Rs per Mt) at the time of preparation of estimate		
	d)The above rates shall be increased / decreased due to increase / decrease in the cost of steel by Basic Rate x (RS-43000)x0.00002 Rs = Rate of steel (Rs per Mt) at the time of preparation of estimate.		
	e) For Rural areas an extra allowance of 10% shall be given on basic rate		
	The components of the filtration plant are as follows:		
	A) Civil Works (All works of VRCC Shall be in M30 design mix)		
	1). Stilling Chamber and Aeration cascade		
	2). Ventury flume channel with measuring device		
	3) Flash Mixer chamber		
	4) .Clarifluculator / tube settler & flocculation tanks		
	5). Filter house, chemical house, Alum store, laboratory office room chlorination plant room, toilet etc. (All items shall be under RCC roof only ). Separate Isolated chemical house & chlorinator room has to be provided.		
	6). Wash water tank of suitable capacity		
	7) .All the doors and windows are of aluminium make		
	8) .All pipes and valves in filter beds are of D.I. make & connection from Flash mixer to Tube settler / Flocculation tank, sludge disposal pipes are of D.I. make. The size of sludge disposal pipe shall be minimum of 450 mm dia with C.I pipe.		
	9) The bottom level of the clear water control chamber must be above G.L so as to dispose the leakage water by gravity.		
	10) . Clarifluculator bridge including sludge scraping arrangement shall be with stainless steel of Grade 304 for chemical resistance and durability		
	11) Railing for all the components shall be provided with Stainless steel of grade 304 for a height of 0.90mts.		
	12).Path ways in filter beds : Middle pathway: Minimum of 1.50mts, Side pathway: Minimum of 1.20mts.		
	13).Flooring in filter house shall be with 12mm thick Non-skid tiles.		

	14).Back wash water tank shall be constructed at a minimum height of 1.50mts above roof slab.		
	15).Filtration plant building ground floor level shall be minimum of 1.20mts above height from the nearby road crust level.		
	16). The minimum size of entrance hall shall be 12'x13' , Lab size shall be of 10'x15', Office room size shall be of 10'x15'.		
	17). The water from the treatment plant shall be tested for quantity and quality simultaneously.		
	18). Sufficient head room shall be provided at alum tank.		
	19). S.S railing of grade 304 shall be provided for staircase.		
	20). Testing of blowers as per I.S norms.		
	21).All cables shall be with copper, Cable drains shall be covered with chequed plate.		
	22).HDPE/MDPE pipes shall be provided for water drainage .		
	23).Alum storage capacity shall be for minimum period of 90 days.		
	24). Digital water flow meters, pressure gauges shall be provided of standard make		
	25).Chemical house and chlorine storage system shall be constructed out side of plant		
	26).Pneumatic tyre wheel shall be provided for the bridge clariflocculator.		
	27). Min LUX levels inside the treatment plant shall be maintained.		
	28). The length of sludge disposal drain shall be minimum of 30mts.		
	29).Yard lighting shall be provided as per norms.		
	30).Chlorimeter vacuum type: Metito/Toshocow-Jesco/ Industrial devices.		
	B Mechanical Equipment		
	1)Alum dosing equipment		
	2)Flash mixer equipment.		
	3)Sludge disposal fittings by gravity		
	4)Filtration plant equipment instrumentation and piping.		
	5)Clariflocculation equipment (with stainless steel blades) with rotating bridge arrangement etc.,		
	6)Wash water tank fittings and pumpsets with 100% stand by.		
	7)Air blower with motor 100% stand by and pipe connections.		
	8) Chlorination equipment and pipe connections with chlorinator of 100% standby,Vacuum feed Gas Chlorination has to provided.		
	9)Spares & Tools for 2 years		
	10)Gaseous Chlorination with cylinders has to provided with protection measures.		
	C) Electrical Equipment		
	1) Necessary power supply wiring to motors and switches bus bar connections as per IE Rules		
	2) Internal wiring and illumination and fittings and fixtures for internal and external lighting exhaust fans, ceiling fans etc.		

	3) Erecting mechanical and electrical equipment, trial run for 90 days 23.50 hours per day testing the treated water for efficient standards and maintenance of records and imparting training to staff.		
	4) Supply of 6 - Sets of completion plans and maintenance manual and brochures.		
	5) Provision towards soil investigations.		
	D) Automation for flow measurements 1)Automated Lab testing equipment of internationally reputed make and consumables for one year. For filtration plants of capacity 10 MLD and more automated online testing equipment shall be installed.		
	2) Automation for flow of Conductivity, Turbidity, Ph value, Residual Chlorine with recording & Storage facility (Computer based) & Alarm by SMS or other methods.		
	3)Off - Site Supervisory and Data Acquisition (OSSADA) system for Raw water and clear water measuring, recording, Off-Site Digital Display and data Transmission to Cell Phone(SMS).		
	1) Alam tanks must be bound with corrosion resistant material (HDPE Lining, Bitumen Coating, tiles etc)		
	2) Mechanical equipment for alam mixing and in flocculation tank must be corrosive resistant (due to Alam)		

# **CONVEYANCE CHARGES OF MATERIAL**

**CONVEYANCE CHARGES OF MATERIALS AS PER  
SoR 2013-14 (COMMON TO ALL DEPARTMENTS).**

**LEAD, LIFT, LOADING AND UNLOADING CHARGES FOR MATERIALS FOR THE YEAR: 2013-14**

1. For total lead up to 150 m (including initial lead) lead charges by head load only shall be adopted irrespective of mode of conveyance.
2. For total lead exceeding 150 m conveyance by mechanical means only shall be adopted irrespective of mode of conveyance.
3. The rates for loading at quarry including idle hire charges of trucks and hire charges per for each kilometer and up to 5 km are cumulative and inclusive of total charges for Preceding lead.
4. Unless otherwise specified lead charges for Earth / Sand / Gravel / Aggregates and Stones are for loose volume and not for compacted or in-situ volume.
5. The rates for lift charges, lead charges, hire charges are cumulative and inclusive of rates for preceding lift, lead and hire charges.
6. Lift charges are not payable where conveyance of materials is by mechanical means to final placing point.
7. Loading and unloading charges are not payable for conveyance by head load.
8. Loading charges are not payable for conveyance by mechanical means for disposal of excavated materials beyond initial lead of 50 m wherever specified.
9. Loading and unloading charges are not payable for conveyance by mechanical means for disposal of excavated materials beyond initial lead of 1 km wherever specified.
10. The rates for unloading of materials except earth, sand, gravel, coarse aggregate, rubble, size stone and cut stone are inclusive of stacking.
11. Hire charges are per 1KM for tippers and trucks for transport of materials from work site to dump yard and other places are cumulative& includes previous km up to 5 kms
12. **For detailed calculations, refer to the Lead & Lift charges (Common to all Departments) chapter of Irrigation & CAD works (Part-1), A.P. Revised Standard data. The lead & lift charges are inclusive of 14% Contractors profit and Overhead charges.**

**A. (LEAD) CONVEYANCE CHARGES FOR MATERIALS BY HEAD LOAD FOR THE YEAR: 2013-14**

Sl No.	Total distance ( Total lead includes initial lead )	Earth / Sand /Gravel / Murrum/ Lime/ Surki/ Size stone / Cut stone Rubble / Coarse aggregate Rs/Cum	Cement / Reinforce- ment steel Str steel Rs / tonne	PCC slab/ Shahbad slab / CC block/ BS slab/ Late-rite / Wood Rs / cum
1	2	3	4	5
1	Total lead up to 50 m (covered by item rate)	initial lead	initial lead	initial lead
2	Total lead up to 100 m	45.60	26.60	58.00
3	Total lead up to 150 m	91.20	53.20	116.10

- Notes: 1. No loading or unloading charges are admissible for conveyance by head load.  
 2. For total lead exceeding 150 m conveyance charges by mechanical means only shall be adopted irrespective of mode of conveyance.  
 3.The lead & lift charges are inclusive of 14% Contractor Profit and Over Head charges

**B.( LEAD) CONVEYANCE CHARGES FOR MACHINERY PER KILOMETER FOR TRANSPORTING MATERIALS BY TIPPERS AND TRUCKS EXCLUDING LOADING, UNLOADING AND IDLE HIRE CHARGES OF MACHINERY FOR THE YEAR: 2013-14**

( No loading and unloading charges allowed for machinery loading and unloading )

Sl No.	Distance	(Lead) charges for trucks and tippers for Earth / Sand /Gravel / Murrum / Lime/ Surki/ per cu.meter	(Lead) charges for trucks and tippers for Rubble/Size stones/ Cut Stones/ Coarse aggregate per cu.meter	(Lead) charges for trucks and tippers for Cement/ Steel/ RCC poles/ AC & GI sheets/ Packed materials/tonne	(Lead) charges for trucks and tippers per cu.meter for PCC slabs/ Shahabad slabs/ CC & Laterite blocks/ Wood/ cum	(Lead) charges for trucks and tippers per cu.meter water/ 1000 litres	(Lead) charges for trucks per 1000 nos. of bricks
1	2	3	4	5	6	7	8
1	Lead up to 1 km	30.00	28.9	18.00	42.40	17.80	48.10
2	Lead up to 2 km	42.00	40.4	25.30	59.40	24.90	67.30
3	Lead up to 3 km	56.00	56.0	35.00	82.40	33.20	89.80
4	Lead up to 4 km	68.00	68.0	42.50	100.00	40.30	109.00
5	Lead up to 5 km	80.00	80.0	50.00	117.70	47.40	128.30
6	for Every km beyond 5 km up to 30 km	12.00	12.00	7.50	17.60	7.10	19.20
7	for Every km beyond 30 km	10.00	10.00	6.30	14.70	5.90	16.00

Note: The lead & lift charges are inclusive of 14% Contractor Profit and Over Head charges

**C. LOADING AND UNLOADING CHARGES BY MANUAL MEANS ( idle hire charges of trucks are not added)**

SI No.	Description of item	Earth / Sand /Gravel Murrum/ / Surki/ Rs / cum	Rubble/ size stone/ cut stone/ Coarse aggregate, Lime in Rs/cum	cement in Rs/tonne	steel in Rs./tonne	brick work Rs/1000 No
1	2	3	4	5	6	7
1	Loading	15.20	30.30	50.10	60.00	41.70
2	Unloading	7.60	15.15	50.10	60.00	41.70

**Note: The lead & lift charges are inclusive of 14% Contractor Profit and Over Head charges**

**D. LOADING AND UNLOADING CHARGES BY MANUAL MEANS (including idle hire charges of trucks)**

SI No.	Description of item	Earth / Sand /Gravel Murrum/ / Surki/ Rs / cum	Rubble/ size stone/ cut stone/ Coarse aggregate, Lime in Rs/cum	cement in Rs/tonne	steel in Rs./tonne	brick work Rs/1000 No
1	2	3	4	5	6	7
1	Loading	102.60	117.80	146.30	156.20	200.50
2	Unloading	36.60	58.90	146.30	156.20	200.50

**Note: The lead & lift charges are inclusive of 14% Contractor Profit and Over Head charges.**

**E. LOADING AND UNLOADING CHARGES BY MECHANICAL MEANS (including idle hire charges of trucks)**

SI No.	Description of item	Earth / Sand /Gravel Murrum/ / Surki/ Rs / cum	Rubble/ size stone/ cut stone/ Coarse aggregate, Lime in Rs/cum
1	2	3	4
1	Loading	50.50	101.10
2	Unloading	15.20	15.20

**Note: The lead & lift charges are inclusive of 14% Contractor Profit and Over Head charges**

**F. LIFT CHARGES FOR MATERIALS BY HEAD LOAD**

Sl No.	Total lift ( Total lift includes initial lift )	Earth / Sand /Gravel Murrum/ Lime/ Surki/ Size stone / Cut stone Rubble / Coarse aggregate Rs / cum	Cement / Reinforce- ment steel Str steel Rs / tonne	PCC slab/ Shahbad slab / CC block/ BS slab / Laterite / Wood Rs / cum
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
1	Total lift up to 3 m (covered by item rate)	Initial lift	Initial lift	Initial lift
2	For Every 1.00 Lift beyond initial lift of 3 meters	5.30	3.80	7.10

**Note: The lead & lift charges are inclusive of 14% Contractor Profit and Over Head charges**

# **HIRE CHARGES**

**HIRE CHARGES OF PLANT & MACHINERY FOR THE YEAR :  
2013-14**

Sl. No	Description of machinery	Unit	Hire charge in Rs	Fuel charge in Rs	Crew Charge in Rs.	Total in Rs
1	2	3	4	5	6	7
1	Agitator car / Transit mixer 2 cum	Hour	777.70	816.80	224.60	1819.10
2	Air compressor 5 cmm ( electric )	Hour	111.90	256.80	130.70	499.40
3	Air compressor 7 cmm ( diesel )	Hour	247.70	668.30	167.20	1083.20
4	Air compressor 7 cmm ( electric )	Hour	136.40	342.40	130.70	609.50
5	Air compressor 8.5 cmm ( diesel)	Hour	282.90	835.30	167.20	1285.40
6	Air compressor 8.5 cmm ( electric)	Hour	176.60	428.00	130.70	735.30
7	Air compressor 15 cmm ( electric)	Hour	146.00	951.20	139.40	1236.60
8	Angle Dozer 90 hp	Hour	1753.10	571.40	187.20	2511.70
9	Batching plant 0.5 cum ( 6 Cum/hr)	Hour	120.30	114.10	269.50	503.90
10	Batching plant 2 x 1.00 cum (15 Cum/hr)	Hour	425.60	342.40	269.50	1037.50
11	Batching plant 2 x 1.50 cum ( 50 Cum/hr)	Hour	543.90	418.50	269.50	1231.90
12	Bending machine 3000 x 12 mm	Hour	44.70	114.10	104.50	263.30
13	Clamp shell and hoisting ropes	Hour	5.40	0.00	0.00	5.40
14	Concrete bucket 1.5 cum	Hour	16.20	0.00	0.00	16.20
15	Concrete hand mixer 45 / 30 ltr	Hour	5.60	0.00	0.00	5.60
16	Concrete mixer 300 / 200 ( diesel)	Hour	54.60	74.30	174.20	303.10
17	Concrete mixer 300 / 200 ltr ( electric)	Hour	52.80	38.00	174.20	265.00
18	Concrete mixer 600 / 400 ( diesel)	Hour	94.70	148.50	174.20	417.40
19	Concrete mixer 600 / 400 ltr ( electric)	Hour	92.90	76.10	174.20	343.20
20	Concrete paver 100 sqm / hr	Hour	371.60	0.00	334.50	706.10
21	Concrete placer pump / hour	Hour	102.00	2.00	16.80	120.80
22	Convey mucker	Hour	845.60	264.80	139.40	1249.80
23	Core drilling machine	Hour	328.30	222.80	224.60	775.70
24	Diesel generating set 30 KVA	Hour	67.90	594.00	104.50	766.40
25	Diesel generating set 50 KVA	Hour	87.80	891.00	104.50	1083.30
26	Diesel Loco 45 hp	Hour	392.50	501.20	130.70	1024.40
27	Dewatering pump 5 hp ( diesel )	Hour	10.40	74.30	87.40	172.10
28	Dewatering pump 5 hp ( electric )	Hour	3.10	38.00	65.50	106.60

**Machinery Hire Charges – Common SoR 2013-14**

Sl. No	Description of machinery	Unit	Hire charge in Rs	Fuel charge in Rs	Crew Charge in Rs.	Total in Rs
1	2	3	4	5	6	7
29	Dewatering pump 10 hp ( diesel )	Hour	15.60	148.50	87.40	251.50
30	Dewatering pump 10 hp ( electric	Hour	7.00	76.10	65.50	148.60
31	Dewatering pump 20 hp ( diesel )	Hour	49.50	297.00	87.40	433.90
32	Dewatering pump 20 hp ( electric	Hour	12.70	152.20	65.50	230.40
33	Drifter	Hour	333.60	0.00	280.80	614.40
34	Drilling jumbo	Hour	376.80	40.10	139.40	556.30
35	Dumper 4.5 cum	Hour	591.60	374.20	179.70	1145.50
36	Geophysical Electric resistivity meter	Hour	101.20	0.00	0.00	101.20
37	Grouting pump	Hour	25.70	38.00	209.00	272.70
38	Guniting / sand blast equipment	Hour	112.20	0.00	174.20	286.40
39	Ice plant & accessories 30 t / day	Hour	179.10	1084.30	104.50	1367.90
40	Jack hammer	Hour	20.50	0.00	261.30	281.80
41	Needle vibrator 40 mm ( petrol )	Hour	7.80	19.00	125.40	152.20
42	Needle vibrator 40 mm ( electric )	Hour	8.10	7.60	125.40	141.10
43	Needle vibrator 60 mm ( petrol )	Hour	8.30	28.50	125.40	162.20
44	Needle vibrator 60 mm ( electric )	Hour	9.90	11.40	125.40	146.70
45	Planing machine 4 m stroke	Hour	122.80	114.10	167.20	404.10
46	Plate shearing machine up to 12 mm	Hour	43.60	152.20	112.30	308.10
47	Pneumatic placer 0.5 cum	Hour	174.40	0.00	68.30	242.70
48	Pneumatic tamper	Hour	21.40	0.00	209.00	230.40
49	Pug cutting machine	Hour	6.60	3.80	0.00	10.40
50	Pusher leg	Hour	13.10	0.00	0.00	13.10
51	Road roller diesel 10 t	Hour	202.90	668.30	167.20	1038.40
52	Shovel 0.50 cum 75 hp	Hour	1028.90	445.50	187.20	1661.60
53	Shovel 0.85 cum 110 hp	Hour	1750.50	816.80	187.20	2754.50
54	Stationery derrick crane	Hour	89.50	0.00	0.00	89.50
55	Tipper 5 cum	Hour	456.20	280.70	140.40	877.30
56	Tipping tub 1.5 cum	Hour	65.60	0.00	0.00	65.60
57	Tower crane 5 tonne	Hour	906.30	197.80	149.80	1253.90
58	Transformer 250 KVA	Hour	5324.30	0.00	0.00	5324.30
59	Truck 10 t	Hour	422.80	280.70	140.40	843.90
60	Truck mounted derrick crane 5 t	Hour	530.90	280.70	140.40	952.00

## Machinery Hire Charges- Common SoR: 2013-14

Sl. No	Description of machinery	Unit	Hire charge in Rs	Fuel charge in Rs	Crew Charge in Rs.	Total in Rs
1	2	3	4	5	6	7
61	Upright drilling machine/grinder	Hour	23.10	38.00	156.00	217.10
62	Ventilation fan 20 hp	Hour	11.90	152.20	22.60	186.70
63	Vibratory pad foot roller 8 t	Hour	1367.10	965.30	209.00	2541.40
64	Wagon drill	Hour	194.00	0.00	224.60	418.60
65	Water tanker 8000 ltr	Hour	411.00	280.70	140.40	832.10
66	Welding set	Hour	16.50	91.30	0.00	107.80
67	Winch 35 hp ( electric )	Hour	132.50	186.40	209.00	527.90
68	Tractor with 2 T roller	Hour				345.00
69	Hydraulic Truck Crane 30T	Hour	3193.20	118.80	419.30	3731.30
70	Hydraulic Truck Crane 16T	Hour	2347.90	75.00	419.30	2842.20
71	Heavy Duty Airless Spray Painting Equipment	Hour	123.00			123.00

Sd/- L.Narayan Reddy, Dt. 15.06.2013,  
 Engineer-in-Chief (I.W.),Chairman (B.O.C.E.)

# **ANNEXURE**

Copy of

**GOVERNMENT OF ANDHRA PRADESH  
ABSTRACT**

Mines and Minerals - Amendments to Rule 10 of the Andhra Pradesh Minor Mineral  
Concession Rules, 1966 - Orders - Issued.

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**INDUSTRIES AND COMMERCE (M.I) DEPARTMENT**

G.O.Ms.No.198.

Dated:13.08.2009

Read the following:

1. G.O.Ms.No.217, Industries & Commerce (M-I) Dept., dated 29-09-2004.
2. From the Director of Mines & Geology, File No.25395/MR/ 2007, Dated:29.9.2007.
3. G.O.Ms.No.104, Ind. & Com. (M.I) Department, dt.15.5.2009.

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**ORDER :**

The following notification will be published in the Extra-Ordinary issue of the Andhra Pradesh Gazette dated 13.8.2009.

2. This order shall come into force with immediate effect.

**NOTIFICATION**

In exercise of the powers conferred by sub-section (1) of section 15 of the Mines and Minerals (Development & Regulation) Act,1957 (Central Act 67 of 1957), the Governor of Andhra Pradesh hereby makes the following amendments to the Andhra Pradesh Minor Mineral Concession Rules, 1966 issued in G.O.Ms.No.1172, Industries and Commerce(M-I) Department, dated 04-09-1967 and subsequently amended from time to time.

**AMENDMENTS**

In the said rules, Under Rule 10 for Schedules I and II the following shall be substituted, namely :

**“SCHEDULE -I  
RATES OF SEIGNIORAGE FEE**

Sl.No.	Name of the Minor Mineral	Unit	Rate of Seigniorage Fee (in Rupees)
1	2	3	4
1	Building Stone	M <sup>3</sup> /MT	Rs.50/33 (Rupees Fifty /Thirty Three)
2	Rough Stone/Boulders	M <sup>3</sup> /MT	Rs. 50/33 (Rupees Fifty /Thirty Three)
3	Road Metal & Ballast	M <sup>3</sup> /MT	Rs. 50/33 (Rupees Fifty /Thirty Three)
3(a)	Dimensional Stone used for Kerbs & Cubes	MT	Rs.88/- (Rupees Eighty Eight)
4	Limekankar / Limestone	MT	The rate of Royalty as applicable to limestone (other than L.D.

			Grade) in respect of Major Mineral as per the 2nd Schedule of the Mines and Minerals (D&R) Act, 1957.
5	Lime Shell	MT	Rs.88/- (Rupees Eighty Eight)
6	Marble	M <sup>3</sup> /MT	Rs. 165/66 (Rupees One hundred and Sixty Five/Sixty Six)
7	Mosaic Chips	MT	Rs. 44/- (Rupees Forty Four)
8	Muram/Gravel & Ordinary earth	M <sup>3</sup> /MT	Rs. 22/14 (Rupees Twenty Two/ Fourteen)
9	Ordinary sand/Sand manufactured from Boulders useful for Civil construction	M <sup>3</sup>	Rs. 40/- (Rupees Forty)
10	Shingle	M <sup>3</sup>	Rs. 17/- (Rupees Seventeen)
11	Chalcedony Pebbles	MT	Rs. 33/- ( Rupees Thirty Three)
12	Fullers Earth/Bentonite	MT	Rs. 110/- (Rupees One hundred and Ten) and Rs.44/- (Rupees Forty Four)
13	Shale/Slate	MT	Rs. 110/- (Rupees Hundred and Ten )
14	Rehmati	MT	Rs. 17/- (Rupees Seventeen )
15	Limestone slabs		
a(i)	Colour	-	Rs. 7/- (Rupees Seven) per Sq. Mt. or Rs. 88/- (Rupees Eighty Eight) per MT whichever is higher
(ii)	White	-	Rs. 5/- (Rupees Five) per Sq. Mt. or Rs. 55/- (Rupees Fifty Five) per MT. whichever is higher
(iii)	Black	-	Rs. 4/- (Rupees Four) per Sq. Mt. or Rs. 44/- (Rupees Forty Four) per Mt. whichever is higher
16	Ordinary clay, Silt and Brick Earth used in the manufacture of Bricks including Mangalore tiles	--	Rs. 3850/- (Rupees three thousand eight hundred and fifty only) per kiln per annum for Bricks and Tiles

**17. Granite Useful for Cutting:****(Rates in Cubic Metre)**

	Item	Super Gang Saw above 300 CMX 180 CM. Size	Mini Gang Saw above 270 Cm X 150 Cm. & less than 300 Cm X 180 Cm Size	Below 270 Cm. X 150 Cm. size	Below 75 Cm. Size
(a)	Black Granite Galaxy Variety	Rs. 3300/- (Rupees Three Thousand Three hundred)	Rs. 2625/- (Rupees Two thousand Six hundred and twenty five only)	Rs. 2475/- (Rupees Two thousand Four hundred and Seventy Five only)	Rs. 1100/- (Rupees One thousand One hundred only)
(b)	Black Granite other than Galaxy Variety	Rs. 2475/- (Rupees Two thousand Four hundred and Seventy Five only)	Rs.2000/- (Rupees Two thousand only)	Rs.1,925/- (Rupees One thousand Nine hundred and Twenty Five only)	Rs.825/- (Rupees Eight hundred and Twenty Five only)
(c)	Colour Granite Srikakulam Blue, Indian aurora of Nizamabad Dist., Leptinites of Coastal Dists., Black pearl of Praksam and Guntur Dists.	Rs. 2475/- (Rupees Two thousand Four hundred and Seventy Five only)	Rs.2000/- (Rupees Two thousand only)	Rs.1925/- (Rupees One thousand Nine hundred and Twenty Five only)	Rs.825/- (Rupees Eight hundred and Twenty Five only)
(d)	Colour Granite of other varieties	RS.1,925/- (Rupees One thousand Nine hundred and Twenty Five only)	Rs. 1625/- (Rupees One thousand Six hundred and Twenty five only)	Rs.1650/- (Rupees One thousand Six hundred Fifty only)	Rs.825/- (Rupees Eight hundred and Twenty Five only)

**SCHEDULE –II RATE OF DEAD RENT (PER HECTARE PER ANNUM)**

Sl. No.	Name of the Minor Mineral	Rate of Dead Rent per hectare per Annum
01	Black Granite	Rs.55,000/- (Rupees fifty five thousand only)
02	Colour Granite	Rs.44,000/- (Rupees forty four thousand only)
03	Limestone other than classified as Major Minerals used for Lime burning for building construction purposes, Marble, Boulders, Building Stone Including Stone used for Road Metal, Ballast Concrete and other Construction purposes, Shale, Slate and Phyllites, Mosaic Chips, Fuller's Earth/Bentonite & Dimensional Stones used for cubes & kerbs,	Rs.27,500/- (Rupees twenty seven thousand and five hundred only)

<b>04</b>	Gravel, Morrums, Shingle, Limestone Slabs used for Flooring purposes Limekankar, Chalcedony pebbles used in the building purposes Limeshell for burning used for building purposes and Rehmatti.	Rs.16,500/- (Rupees sixteen thousand and five hundred only)
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- NOTE:-** 1) The above rates are liable to be revised and amended from time to time by the State Government by notification in the Andhra Pradesh Gazette.
- 2) In case of revision, the revised rates as fixed by Mines and Geology Department have to be adopted.