

**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

**OFFICE OF THE ENGINEER-IN-CHIEF (BUILDINGS) &
CHIEF ENGINEER (BUILDINGS), CHENNAI REGION &
CHIEF ENGINEER (GENERAL), PWD., CHEPAUK, CHENNAI-5.**

Present: Er. R. Gopalakrishnan, B.E., FIE.,
Engineer-in-Chief (Buildings) &
Chief Engineer (Buildings), Chennai Region &
Chief Engineer (General), PWD.

Proceedings No. HDO (A) / 24614 / 2012-1, dated 30.04.2012

- Sub:** Public Works Department – **Standard Schedule of Rates for the year 2012-2013** for adoption in preparation of estimates with effect from **01.05.2012** – Approved – Communication of – Regarding.
- Ref:** Engineer-in-Chief (Buildings) & Chief Engineer (Buildings), Chennai Region & Chief Engineer (General), PWD, Chennai-5, Proceedings No. HDO (A) / 3316 / 2011-3, dated 30.06.2011.



The Standard Schedule of Rates, Cost of Cement and Cost of Steel approved for the year **2012-2013** by the Schedule of Rates Committee for adoption in the preparation of estimates **with effect from 01.05.2012** is herewith enclosed for taking necessary action.

2.0. The receipt of Standard Schedule of Rates for the year 2012-2013 along with its enclosures may be acknowledged.

Encl.: Standard Schedule of Rates, 2012-13 – 1 Booklet

K. Chitra
30/04/12
for Engineer-in-Chief (Buildings) &
Chief Engineer (Buildings), Chennai Region &
Chief Engineer (General), PWD.
30/04/12

To

1. The Engineer-in-Chief, Water Resources Department, Chepauk, Chennai-5.
2. The Director General, Highways Department, Chepauk, Chennai-5.
3. The Chief Engineer, WRD, Design Research and Construction Support, Chennai-5.
4. The Deputy Secretary to Government, Finance Department, Secretariat, Chennai-9.

Copy to all Chief Engineers of Water Resources Department and Superintending Engineers of WRD Circles through Engineer-in-Chief, Water Resources Department, Chennai-5 (with 40 copies) with a request to instruct the Superintending Engineers of WRD Circles to prepare required number of Standard Schedule of Rates for the year 2012-2013 pertaining to the districts under their jurisdiction and to arrange for supply the same to all

the Offices of WRD and PWD upto the level of Section Officers for adoption in preparation of estimates and also to the respective District Collectors.

Copy to the Chief Engineer (Buildings), PWD, Trichy Region, Trichy.

Copy to the Chief Engineer (Buildings), PWD, Madurai Region, Madurai.

Copy to all Superintending Engineers of Building Organisation.

Copy to the Secretary to Government, Public Works Department, Secretariat, Chennai-9.

Copy to the Secretary to Government, Municipal Administration and Water Supply Department, Secretariat, Chennai-9.

Copy to the Secretary to Government, Rural Development and Local Administration, Secretariat, Chennai-9.

Copy to all District Collectors.

Copy to the Commissioner, Corporation of Chennai, Chennai

Copy to the Engineering Director, TWAD Board, Chepauk, Chennai-5.

Copy to the Chief Engineer (Civil Design), TNEB., Anna Salai, Chennai-2.

Copy to the Chief Engineer, Tamil Nadu Housing Board, Nandanam, Chennai-35.

Copy to Chief Engineer (Civil Design), Tamil Nadu Slum Clearance Board, Chennai.

Copy to the Chief Engineer, PWD, Technical Education Circle, Guindy, Chennai-25.

Copy to the Chief Engineer, PWD, Fishing Harbour Project Circle, DMS Compound, Chennai-6.

Copy to the Chief Engineer, Tamil Nadu State Police Housing Corporation, Chennai

Copy to the Joint Chief Engineer (General), PWD., Chennai-5.

Copy to the Joint Chief Engineer (Buildings), PWD., Chennai-5.

Copy to the Joint Chief Engineer (Electrical), PWD., Chennai-5.

Copy to the Joint Chief Engineer (Irrigation), PWD., Chennai-5.

Copy to the Superintending Engineer, PWD., Planning and Designs Circle, Chennai-5 (with 6 copies)

Copy to the Deputy Chief Engineer (Buildings), PWD, Chennai-5.

Copy to All Executive Engineers, PWD, Building Organisation.

Copy to the Head Draughting Officer, O/o. the Engineer-in-Chief (Buildings) & Chief Engineer (Buildings), Chennai Region & Chief Engineer (General), PWD., Chennai-5 (5 Copies).

Copy to All Assistant Executive Engineers, O/o. the Engineer-in-Chief (Buildings) & Chief Engineer (Buildings), Chennai Region & Chief Engineer (General), PWD., Chennai-5.

Copy to Stock File

Spare copy - 1 No.



**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

**OFFICE OF THE ENGINEER-IN-CHIEF (BUILDINGS) &
CHIEF ENGINEER (BUILDINGS), CHENNAI REGION &
CHIEF ENGINEER (GENERAL), PWD., CHEPAUK, CHENNAI-5.**

**Present: Er. R. Gopalakrishnan, B.E., FIE.,
Engineer-in-Chief (Buildings) &
Chief Engineer (Buildings), Chennai Region &
Chief Engineer (General), PWD.**

Proceedings No. HDO (A) / 24614 / 2012-3, dated 30.04.2012

Sub: Cement - Revised rate for **CEMENT** for adoption in the preparation of estimates during the year 2012-2013 with effect from **01.05.2012** - Approved - Communication of - Regarding.

Ref: Engineer-in-Chief (Buildings) & Chief Engineer (Buildings), Chennai Region & Chief Engineer (General), PWD, Chennai-5, Proceedings No. HDO (A) / 3316 / 2011-2, dated 30.06.2011.



The cost of **CEMENT** approved by the Schedule of Rates Committee for adoption in the preparation of estimates during the year 2012-2013 **with effect from 01.05.2012** is given below:

Cement : Rs.5,200/- per MT

(Rupees Five Thousand and Two Hundred only)

2.0. The above rate is inclusive of all taxes, freight charges, etc., at Stockyard / Dealer's Godown. Necessary lead charges (i.e. excluding loading and unloading charges), as applicable as per conveyance table, may be allowed from the Stockyard / Dealer's Godown to the site of work, if duly certified by an officer not below the rank of Assistant Executive Engineer.

3.0. However, in the case, if the source is specified as "Stockyard", the same shall be decided and approved by the Superintending Engineers concerned.

K. Chitra 30/04/2012
for Engineer-in-Chief (Buildings) &
Chief Engineer (Buildings), Chennai Region &
Chief Engineer (General), PWD.
30/04/12

To

1. The Engineer-in-Chief, Water Resources Department, Chepauk, Chennai-5.
2. The Director General, Highways Department, Chepauk, Chennai-5.
3. The Chief Engineer, WRD, Design Research and Construction Support, Chennai-5.
4. The Deputy Secretary to Government, Finance Department, Secretariat, Chennai-9.

Copy to the Chief Engineer (Buildings), PWD, Trichy Region, Trichy.

Copy to the Chief Engineer (Buildings), PWD, Madurai Region, Madurai.

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**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

**OFFICE OF THE ENGINEER-IN-CHIEF (BUILDINGS) &
CHIEF ENGINEER (BUILDINGS), CHENNAI REGION &
CHIEF ENGINEER (GENERAL), PWD., CHEPAUK, CHENNAI-5.**

**Present: Er. R. Gopalakrishnan, B.E., FIE.,
Engineer-in-Chief (Buildings) &
Chief Engineer (Buildings), Chennai Region &
Chief Engineer (General), PWD.**

Proceedings No. HDO (A) / 24614 / 2012-2, dated 30.04.2012

- Sub:** Steel - Revised rate for **STEEL** for adoption in the preparation of estimates during the year 2012-2013 with effect from **01.05.2012** - Approved - Communication of - Regarding.
- Ref:** Engineer-in-Chief (Buildings) & Chief Engineer (Buildings), Chennai Region & Chief Engineer (General), PWD, Chennai-5, Proceedings No. HDO (A) / 3316 / 2011-1, dated 30.06.2011.



The cost of **STEEL** approved by the Schedule of Rates Committee for adoption in the preparation of estimates during the year 2012-2013 with effect from **01.05.2012** is given below:

Steel : Rs.48,000/- per MT
(Rupees Forty Eight Thousand only)

2.0. The above rate is inclusive of all taxes, freight charges, etc., at Stockyard / Dealer's Godown. Necessary lead charges (i.e. excluding loading and unloading charges), as applicable as per conveyance table, may be allowed from the Stockyard / Dealer's Godown to the site of work, if duly certified by an officer not below the rank of Assistant Executive Engineer.

3.0. However, in the case, if the source is specified as "Stockyard", the same shall be decided and approved by the Superintending Engineers concerned.

K. Chitra 30/4/12
for Engineer-in-Chief (Buildings) &
Chief Engineer (Buildings), Chennai Region &
Chief Engineer (General), PWD.
30/4/12

To

1. The Engineer-in-Chief, Water Resources Department, Chepauk, Chennai-5.
2. The Director General, Highways Department, Chepauk, Chennai-5.
3. The Chief Engineer, WRD, Design Research and Construction Support, Chennai-5.
4. The Deputy Secretary to Government, Finance Department, Secretariat, Chennai-9.

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**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

**STANDARD SCHEDULE OF RATES
[FOR BASIC ITEMS ONLY]**

2012-2013

[WITH EFFECT FROM 01.05.2012]

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**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

STANDARD SCHEDULE OF RATES FOR THE YEAR 2012-2013

GENERAL NOTE

1. For special nature of works, for which rates are not covered in the Schedule of Rates, such as road works, water supply, drainage, etc., separate schedule of rates issued by the respective officers / department / board are to be followed.
2. Extra percentage other than those for the specified areas noted below, shall not be allowed.

1. Corporation Limits:

An extra 10% on the Rates of Labour, Rates of Works and for Head Load shall be allowed for the works in Chennai Corporation limit & belt area of 32 Km around Chennai Corporation, Madurai Corporation limits, Coimbatore Corporation limits and also for works in Hosur Taluk.

2. **An extra 5%** on the Rates of Labour, Rates of Works and for Head Load shall be allowed for the works in Trichy, Salem, Tirunelveli, Tiruppur, Erode, Thoothukudi and Vellore Corporation limits.

3. Restricted areas :

- (i) **An extra 10%** on the Rates of Labour and Rates of Works shall be allowed for **sewer works under unhygienic condition.**
- (ii) **An extra 10%** on the Rates of Labour, Rates of Works and Conveyance Charges shall be allowed for works in the campus of **Central Jails.**
- (iii) **An extra 5%** on the Rates of Labour, Rates of Works and Conveyance Charges shall be allowed for works in the campus of **Sub-jails.**

- (iv) **An extra 20%** on Rates of Labour, Rates of Materials, Rates of Works, Conveyance Charges and Head Load shall be allowed for works in **Reserve Forest Areas**.

4. For works in Hills:

As the transport facilities in most of the Hilly Areas are now considerably improved and as there is no necessity for allowing extra percentage as hitherto followed, the Hilly Areas are now again regrouped as detailed hereunder and the extra percentage allowable has been revised accordingly and fixed.

The conveyance table approved and furnished in the schedule of rates under the Head **V. Conveyance Table, b. Conveyance of materials by road on hills** shall be adopted for all works in hills.

- (i) For works in **Nilgiris District an extra 40% on the** rates of labour, rates of work, head load and an extra 25% on the rates of materials shall be allowed.
- (ii) For works in **Mudumalai Sanctuary, Shandy Nallah Sheep Farm, Dansandle areas, an extra 40%** over rates of labour, rates of work and head load and an extra 25% on the rates of materials shall be allowed.
- (iii) For works in **Valparai Area an extra 40% on the** rates of labour, rates of work, head load and an extra 25% on the rates of materials shall be allowed.
- (iv) For works in **Gudiyalathur, Siruvani, Thavalamalai Hills, Talavadi Hills, Bargur Hills, Anamalai, Chennimalai and Sivanmalai Hills an extra 20%** on the Rates of Labour, Rates of Materials, Rates of Works and Head Load shall be allowed.
- (v) **For works in Western Ghats** of Virudhunagar, Coimbatore, Tirunelveli & Kanyakumari Districts an extra 20% on the Rates of Labour, Rates of Materials, Rates of Works and Head Load shall be allowed.

- (vi) (a) **An extra 50%** on the Rates of Labour for works in Thekkady shall be allowed.
- (b) **Add 25% extra** on the Rates of Materials to be supplied at Thekkady, subject to the condition that there shall not be any extra on conveyance, tollgate fee, interstate allowance, etc. The conveyance charge as applicable for Ghat Road, Cart Track, etc., as per schedule of rates is only applicable.
- (vii) **An extra 60%** shall be allowable on the Rates of Materials to be supplied for Periyar Dam Site subject to the condition that there shall not be any extra on conveyance, tollgate fee, interstate allowance, etc. The conveyance charge as applicable for Ghat Road, Cart Track, etc., as per schedule of rates is only applicable.
- (viii) **An extra 100%** on the Rates of Labour for works in Periyar Dam Site under normal condition shall be allowed.
- (ix) **An extra 150%** on the Rates of Labour for works in Periyar Dam Site under hanging condition shall be allowed.
- (x) **An extra 50%** on the Rates of Labour, Rates of Materials, Rate of Works and Head Load shall be allowed for the works at Lower Camp above Kuruvanthu Bridge, Bodi Hills, Cumbam mettu, Sirumalaia, Pachai Kamatchi Hills, Palani Hills, Tiruparankundram Hills, Idumban Hills, Megamalaia Panchayat and Thummakundu Panchayat.
- (xi) **An extra 40%** on the Rates of Labour, Rates of Works and Head Load and an extra 25% over the rates of materials shall be allowed for the works at Kodaikanal.

- (xii) **An extra 25%** on the Rates of Labour, Rates of Materials, Rates of Works and Head Load shall be allowed for works in Yercaud, Yercaud Sub-Taluk, Boothamalai, Aranuthumalai, Sarugumalai and Thiruchengode Hills in Salem & Namakkal District.
- (xiii) **An extra 40%** on the Rates of Labour, Rates of Works and Head Load and **an extra 25%** over the Rates of Materials shall be allowed for works in Kalrayan Hills, Pachamalai Hills and Kolli Hills in Salem & Namakkal Districts.
- (xiv) **An extra 40%** on the Rates of Labour, Rates of Materials, Rates of Works and Head Load and **an extra 25%** over the Rates of Materials shall be allowed for works in Jawadhu Hills, Elagiri Hills, Kalrayan Hills, Nakkanamalai Hills, Naickerner Hills Tiruvannamalai & Vellore Districts.
- (xv) **An extra 40%** on the Rates of Labour, Rates of Works and Head Load and **an extra 25%** over the Rates of Materials shall be allowed for works in Piranmalai covering Oduvarpatti, Kattugudi Patti, Ponnadaipattu, V. Pudur Village, Mamalai covering Vannar Irruppu, Nagamangalam Villages, Usilamalai covering Poolankurichi Village, Hillocks at Musundapatti, Usilam, Ammapatti and Thuthampatti in Sivagangai District.
- (xvi) **An extra 40%** on the Rates of Labour, Rates of Works and Head Load and **an extra 25%** over the Rates of Materials shall be allowed for works in Chitteri Hills, Sittiling in Kalrayan Hills in Dharmapuri District.
- (xvii) **An extra 40%** on the Rates of Labour, Rates of Works and Head Load and **an extra 25%** over the Rates of Materials shall be allowed for works in Kalrayan Hills in Cuddalore & Villupuram Districts.
- (xviii) **An extra 40%** on the Rates of Labour, Rates of Works and Head Load and **an extra 25%** over the Rates of Materials shall be allowed for works in Pachamalai Hills in Tiruchy, Karur & Perambalur District.

5. ISLANDS in Ramanathapuram District :

(a). For works in Rameswaram Island:

An extra 25% on the Rates of Labour, Rates of Works and Head Load shall be allowed.

(b). For works in Other Islands:

An extra 125% on the Rates of Labour, Rates of Materials, Rates of Works, Conveyance Charges and Head Load shall be allowed for other Islands in Ramanthapuram viz. (1) Upputhannie Island, (2) Puleevilaichalli Island, (3) Aalaippar Island, (4) Valimunai Island, (5) Appa Island, (6) Thalaiyari Island, (7) Valai Island, (8) Mullai Island, (9) Manoli Island, (10) Minoliputti Island, (11) Nadu Island (12) Nallathannie Island, (13) Pullivasal Island (14) Poomarichan Island, (15) Muyal Island, (16) Singala Island and (17) Kurusedar Island.

(c). For works in Islands of Thoothukudi District:

An extra 125% on the Rates of Labour, Rates of Materials, Rates of Works, Conveyance Charges and Head Load shall be allowed for Van, Kasuvar, Karaichalli Island and Vilankuchali Islands.

6. TUNNELS:

An extra 15% on the Rates of Labour and Rates of Works shall be allowed for works inside Tunnels.

7. DAM SITES UNDER HANGING CONDITION (Other than Periyar Dam Site):

An extra 75% on the Rates of Labour employed for the items of works, which may have to be executed **by hanging from the top of Dam through slings (or) rope ladders to work in dizzy height. (This will apply only for maintenance and repair works).**

8. GENERAL FOOT NOTE:

- (i) The rates of labour means the labour rates fixed under the head, **Rates of Labour**.
- (ii) **Rates of Works** includes the labour for earthwork, refilling foundation, dismantling, jungle clearance, head load, etc., also where human labour alone is involved.
- (iii) The percentage increase provided for the materials are applicable **only for the materials which are quarried or manufactured locally in the specified area**.
- (iv) The percentage increase provided for **Rates of Works** are allowable only on the items where human labour alone is involved.
- (v) The percentage increase provided for **Conveyance Charges** are allowable for the distance covered in the specified area / Special Tract only.
- (vi) The extra percentage allowable as specified above shall not be applicable for the materials / works covered under Annexure-VI "Rates of Other Construction Materials" and Annexure-VII "Rates of Electrical Items of Works". Similarly, no conveyance charges shall be allowed for the items covered under these two categories. The rates approved therein are applicable at site of work.
- (vii) While adopting source of any materials inside the special tracts viz., Corporation limits, Reserve Forest Areas, Hilly Areas, Islands, Dam Sites etc., where extra percentage allowable for the materials which are quarried or manufactured locally, it is the duty of the officer in charge of the work (not below the rank of Assistant Executive Engineer), to analyse and confirm whether the finished cost of such materials / works are higher if the materials are conveyed and brought to the site from the areas outside the specified area, where such extra percentage are not permissible.

- (viii) The necessity of inclusion of relevant footnotes in respect of the districts covered under their region other than the general notes furnished above, if any, may be analysed and recommendations sent to the Engineer-in-Chief (Buildings), Chief Engineer (Buildings), Chennai Region and Chief Engineer (General), PWD., Chennai-5 for consideration by the Schedule of Rates Committee and approval.

K. Chitra 30/04/12
for Engineer-in-Chief (Buildings) &
Chief Engineer (Buildings), Chennai Region &
Chief Engineer (General), PWD.
30/04/12

**STATEMENT SHOWING THE EXTRA PERCENTAGE ALLOWABLE
AS PER GENERAL NOTE TO SCHEDULE OF RATES FOR THE YEAR 2012-2013
(with effect from 01.05.2012)**

Sl. No.	Area	Percentage extra allowable on				
		Labour	Material	Rate of work (where human labour involved)	Conveyance	Head load
1	For works in Chennai Corporation limits and belt area of 32 KM around Chennai Corporation, Madurai Corporation limits, Coimbatore Corporation limits and also for works in Hosur Taluk	10%	-	10%	-	10%
2	For works in Trichy, Salem, Tirunelveli, Tiruppur, Erode, Thoothukudi and Vellore Corporation limits	5%	-	5%	-	5%
3	Restricted Areas					
i	For sewer works under unhygienic condition	10%	-	10%	-	-
ii	For works in Central Jail Campus	10%	-	10%	10%	-
iii	For works in Sub-Jail Campus	5%	-	5%	5%	-
iv	For works in Reserve Forest Areas	20%	20%	20%	20%	20%
4	Hills					
i	For works in Nilgiris District	40%	25%	40%	-	40%
ii	For works at Mudumalai Sanctuary, Shandy Nalla Sheep Form, Dansandle Area	40%	25%	40%	-	40%
iii	For works at Valparai	40%	25%	40%	-	40%
iv	For works at Gudiyalathur, Siruvani, Thavalamalai Hills, Thalavadi Hills, Bargur Hills, Anamalai, Chenni Malai and Sivanmalai Hills	20%	20%	20%	-	20%
v	For works in Western Ghats of Virudhunagar, Coimbatore, Tirunelveli and Kanyakumari Districts	20%	20%	20%	-	20%
	In Madurai, Theni and Dindigul Districts					
vi	For works at Thekkady	50%	25%	-	-	-
vii	For works at Periyar Dam Site	-	60%	-	-	-
viii	For works at Periyar Dam Site under normal condition	100%	-	-	-	-

Sl. No.	Area	Percentage extra allowable on				
		Labour	Material	Rate of work (where human labour involved)	Conveyance	Head load
ix	For works at Periyar Dam Site under hanging condition	150%	-	-	-	-
x	For works at Lower Camp above Kuruvanthu Bridge, Bodi Hills, Cumbam Mettu, Sirumalai, Pachai Kamatchi Hills, Palani Hills, Tiruparankundram Hills, Irdumban Hills, Megamalai Panchayat and Thummakundu Panchayat	50%	50%	50%	-	50%
xi	For works at Kodaikanal	40%	25%	40%	-	40%
xii	For works at Yercaud Hills, Yercaud Sub-Taluk, Boothamalai, Aranuthumalai, Sarugumalai and Tiruchengodu Hills in Salem and Namakkal Districts	25%	25%	25%	-	25%
xiii	For works at Kalrayan Hills, Pachamalai Hills, Kolli Hills in Salem and Namakkal Districts	40%	25%	40%	-	40%
xiv	For works at Jawadhu Hills, Elagiri Hills, Kalrayan Hills, Nakkanamalai Hills, Naickenneri Hills in Tiruvannamalai and Vellore Districts	40%	25%	40%	-	40%
xv	For works at Piranmalai covering Oduvarpatti, Kattugudipatti, Pannadaipattu, V.Pudur Villages, Mamalai covering Vannar Iruppu, Nagamangalam Villages, Usilamalai covering Poolankurichi Village, Hillocks at Musundapatti, Usilam, Ammapatty and Thuthampatti in Sivagangai District	40%	25%	40%	-	40%
xvi	For works at Chitheri Hills, Sittiling in Kalrayan Hills in Dharmapuri District	40%	25%	40%	-	40%
xvii	For works at Kalrayan Hills in Cuddalore and Villupuram Districts	40%	25%	40%	-	40%
xviii	For works at Pachamalai Hills in Trichy, Karur and Perambalur Districts	40%	25%	40%	-	40%
5	Islands					
i	For works at Rameswaram Island in Ramanathapuram District	25%	-	25%	-	25%

Sl. No.	Area	Percentage extra allowable on				
		Labour	Material	Rate of work (where human labour involved)	Conveyance	Head load
ii	For works in other Islands, viz. Upputhannie, Puleevilaichalli, Alaiappar, Valimunai, Appa, Thalaiyari, Valai, Mullai, Manoli, Minidiputti, Nadu, Nallathannie, Pullivasal, Poomarichan, Muyal, Singala, Kuruseedar Islands in Ramanathapuram District	125%	125%	125%	125%	125%
iii	For works in Van, Kasvar, Karaichalli and Vilankurichi Islands in Thoothukudi District	125%	125%	125%	125%	125%
6	Tunnels					
i	Where human labour alone is involved	15%	-	15%	-	-
7	Dam sites under hanging condition					
i	For works at dam sites other than Periyar Dam Site, which may be executed by hanging from top of dam through slings or rope ladders to work in dizzy height	75%	-	-	-	-

K. Chitra 30/04/12
 for Engineer-in-Chief (Buildings) &
 Chief Engineer (Buildings), Chennai Region &
 Chief Engineer (General), PWD, Chennai-5
 30/04/12

ANNEXURE-I**I. RATES OF LABOUR**

Sl. No.	Sch. Item No.	Description of Labour	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
1	2	Axe Mazdoor	Day	171.00
2	4	Blacksmith - I Class	Day	225.00
3	4A	Blacksmith - II Class	Day	207.00
4	5	Boat Mazdoor	Day	189.00
5	8	Bullocks pair with driver (with bandy)	Day	336.00
6	8A	Bullocks single with driver (with bandy)	Day	243.00
7	11	Carpenter - I Class	Day	284.00
8	12	Carpenter - II Class	Day	261.00
9	13	Caulker	Day	189.00
10	15	Cleaner - First Grade	Day	153.00
11	15A	Cleaner - Second Grade	Day	144.00
12	18	Ferry Mazdoor	Day	189.00
13	19	Fitter - I Class	Day	258.00
14	19A	Fitter II Class	Day	240.00
15	20	Fitter (Pipe Laying / Bar bending) - I Class	Day	253.00
16	20A	Fitter (Pipe Laying / Bar bending) - II Class	Day	235.00
17	21	Floor Polisher	Day	225.00
18	22	Gardener	Day	171.00
19	25	Hammer Mazdoor	Day	181.00
20	26	Head Mazdoor for Well Sinking	Day	189.00
21	27	Driver (Light Duty)	Day	225.00
22	27A	Driver (Heavy Duty)	Day	240.00
23	28	Jumper Mazdoor	Day	171.00
24	36	Maistry, Road Inspector & Work Inspector	Day	217.00
25	36A	Maistry, Road Inspector & Work Inspector (Degree Holder)	Day	240.00
26	37	Mason for Brick Work-I Class	Day	291.00
27	37A	Mason for Brick Work-II Class	Day	261.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
28	38	Mason for Stone Work-I Class	Day	291.00
29	38A	Mason for Stone Work-II Class	Day	261.00
30	39A	Mazdoor Category-I	Day	183.00
31	39B	Mazdoor Category-II	Day	165.00
32	39C	Head Mazdoor	Day	189.00
33	40	Mechanic - I Class	Day	225.00
34	40A	Mechanic - II Class	Day	207.00
35	42	Mopla - I Class	Day	224.00
36	42A	Mopla - II Class	Day	207.00
37	43	Navagonies or Javali Man I Class	Day	189.00
38	44	Painter / Varnisher - I Class	Day	235.00
39	44A	Painter / Varnisher - II Class	Day	217.00
40	46	Pile Driver	Day	207.00
41	47	Plumber I Class	Day	253.00
42	47A	Plumber II Class	Day	235.00
43	48	Pump Driver	Day	189.00
44	52	Sawyer	Day	207.00
45	54	Smith I Class	Day	224.00
46	54A	Smith II Class	Day	207.00
47	55	Sprayer Mazdoor (for bitumen, tar etc.)	Day	171.00
48	56	Stone Cutter - I Class	Day	224.00
49	56A	Stone Cutter - II Class	Day	207.00
50	58	Syrang - I Class	Day	224.00
51	58A	Syrang - II Class	Day	207.00
52	60	Thatcher	Day	181.00
53	62	Tinker - I Class	Day	181.00
54	62A	Tinker - II Class	Day	171.00
55	63	Turner - I Class	Day	207.00
56	63A	Turner - II Class	Day	189.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
57	64	Time Keeper I Class	Day	224.00
58	64A	Time Keeper II Class	Day	207.00
59	67	Welder / Bracer - I Class	Day	224.00
60	67A	Welder / Bracer - II Class	Day	207.00
61	68	Well Diver for removing silt - I Class	Day	224.00
62	68A	Well Diver for removing silt - II Class	Day	207.00
63	69	Well Sinker - I Class	Day	253.00
64	69A	Well Sinker - II Class	Day	235.00
65	70	Well Sinking Diver working with Helmet (above two metres depth of water)	Day	261.00
66	72	Wodder	Day	189.00
		Technical Assistant		
67	76A	Technical Assistant - Grade I (B.E.Passed)	Day	374.00
68	76B	Technical Assistant - Grade II (Diploma in Engg. Passed / B.E. Failed / Degree in Geology for Ground water works)	Day	336.00
69	76C	Technical Assistant - Grade III (Diploma in Engg. Failed / ITI (civil) Passed)	Day	284.00
70	76D	Cinema Operator (ITI Passed)	Day	235.00
71	76E	B.Sc., (Agriculture) Passed	Day	336.00
72	77A	Laboratory Assistant - Grade I (Post Graduate in Science)	Day	284.00
73	77B	Laboratory Assistant - Grade II (Degree in Science / Degree in Geology for Ground water)	Day	261.00
74	77C	Laboratory Assistant-Grade III (With Degree Qualification to work as works clerk)	Day	235.00
75	78A	Mazdoor employed for Geological mapping	Day	183.00
76	78B	Mazdoor employed for Pitting, Trenching, Sampling & Drilling works	Day	183.00
77	78C	Mazdoor employed for Geophysical investigation works	Day	183.00
78	78D	Head Mazdoor to Supervise exploratory works	Day	193.00
79	79	Mixer Operator (including concrete mixer)	Day	199.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
80	80	Mixer Driver	Day	189.00
81	81	Compressor Operator	Day	199.00
82	89A	Computer Operator Grade I [B.E. (Computer Science) / M.Sc., (Computer Science)]	Day	374.00
83	89B	Computer Operator Grade II [B.Sc. (Computer Science) / Diploma in Computer Science]	Day	336.00
84	90A	Irrigation Community Organaiser Grade-I [B.E. (Agri) Passed / B.Sc. (Agri) Passed / P.G. (Geology) & Rural Development]	Day	360.00
85	90B	Irrigation Community Organaiser Grade-II [B.E. (Agri) Failed / B.Sc. (Agri) Failed / Diploma in Agri. Passed]	Day	300.00
86	95	Heatmaster Operator	Day	189.00
87	96	Raker	Day	189.00
88	97	Geological Assistant	Day	277.00
89	98	Stone & Crusher Operator	Day	199.00
90	99	Heavy Mazdoor	Day	199.00
		Electrical Workers		
91	100	Wireman Grade-I / Electrician Grade-I	Day	254.00
92	101	Wireman Grade-II / Electrician Grade-II	Day	240.00
93	102	Electrical Helper	Day	181.00
94	103	Lift Operator	Day	217.00
95	104	Laboratory Attendant	Day	162.00
96	105	Sound Service Operator	Day	181.00
97	106	Electrical Maistry	Day	277.00

K. Chitra 30/04/12
 for Engineer-in-Chief (Buildings) &
 Chief Engineer (Buildings), Chennai Region &
 Chief Engineer (General), PWD, Chennai-5
P 30/04/12

ANNEXURE-II

II. RATES OF MATERIALS

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
		A. BRICKS AND TILE PRODUCTS		
	1	Second Class Table Moulded Chamber Burnt Bricks		
1	a	9" x 4 ¹ / ₂ " x 3"	1000 Nos.	5000.00
2	b	9" x 4 ³ / ₈ " x 2 ³ / ₄ "	1000 Nos.	4810.00
	2	Second Class Ground Moulded Chamber Burnt Bricks		
3	a	9" x 4 ¹ / ₂ " x 3"	1000 Nos.	4310.00
4	b	9" x 4 ³ / ₈ " x 2 ³ / ₄ "	1000 Nos.	4185.00
	3	Third Class Country Brick Kiln Burnt		
5	a	8 ³ / ₄ " x 4 ¹ / ₄ " x 2 ³ / ₄ "	1000 Nos.	3625.00
6	b	8 ³ / ₄ " x 4 ¹ / ₄ " x 2 ¹ / ₄ "	1000 Nos.	2855.00
7	c	8 ³ / ₄ " x 4 ¹ / ₄ " x 2"	1000 Nos.	2735.00
	3A	Fly Ash Bricks		
8	a	230 x 110 x 70mm	1000 Nos.	3875.00
	4	Specially moulded country brick for well steining		
9	a	8 ³ / ₄ " x 4 ¹ / ₄ " x 2"	1000 Nos.	1610.00
10	b	Perforated bricks 19 x 9 x 9cm	1000 Nos.	2450.00
11	c	Terrace bricks 15 x 7.5 x 2.5cm	1000 Nos.	630.00
	8	Flat Tiles		
12	a	15cm x 15cm x 12mm	1000 Nos.	593.00
13	b	15cm x 15cm x 20mm	1000 Nos.	703.00
	10	Brick Jelly		
14	a	40mm size	cum.	450.00
15	b	20mm size	cum.	500.00
	11	Pressed Tiles		
16	a	20 x 20 x 2cm	1000 Nos.	7920.00
17	b	23 x 23 x 2cm	1000 Nos.	11220.00
	12	Pan Tiles		

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
18	a	23cm x 8cm x 1.7cm	1000 Nos.	309.00
19	b	16.5cm x 8cm x 1.7cm	1000 Nos.	257.00
	13	Best Mangalore Tiles		
20	a	I Class'A'	1000 Nos.	7405.00
21	b	Class 'AA'	1000 Nos.	7545.00
22	c	Best Mangalore Ridge Tiles	1000 Nos.	21630.00
23	d	Best Mangalore Ceiling Tiles	1000 Nos.	4545.00
24	e	Best Mangalore Glass Roofing Tiles	Each	215.00
25	f	Best Mangalore Ventilating Tiles (Single)	Each	32.50
26	g	Best Mangalore Ventilating Tiles (Double)	Each	40.75
	23A	Mosaic Flooring Tiles (Grey)		
27	a	Mosaic (Grey) Tile 25 x 25 x 2cm	1000 Nos.	9990.00
28	b	Mosaic (Grey) Tile 20 x 20 x 2cm	1000 Nos.	6360.00
	23C	Mosaic (other Colour)		
29	a	Mosaic (other colour) Tile 25 x 25 x 2cm	1000 Nos.	13730.00
30	b	Mosaic (other colour) Tile 20 x 20 x 2cm	1000 Nos.	8115.00
31	c	Mosaic (Green) Tile 20 x 20 x 2cm	1000 Nos.	9990.00
32	d	Mosaic (Green) Tile 25 x 25 x 2cm	1000 Nos.	15615.00
33	24	Mosaic Chequered tile Grey colour size 25 x 25 x 2 cm	1000 Nos.	12485.00
		B. STONE AND ROAD MATERIALS		
34	27	Rough stone for masonry works (Hard Granite)	cum.	302.00
35	28	Rough stone for revetment works	cum.	262.00
36	29	Jeddy size for Revetment (Hard Granite)	cum.	289.00
37	29a	Cut stone pillar of size 0.15 x 0.15 x 2.1M	Each	113.00
38	30	From boulders without blasting for revetment	cum.	77.50
39	30a	From boulders without blasting for masonry	cum.	101.00
40	32	Course Rubble stone for masonry works	cum.	242.00
41	33	Course Rubble stone for Arch works	cum.	262.00

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
42	33 (A) I	Chisel dressed stone 70cm x 30cm x 29cm	Each	120.00
43	II	Chisel dressed stone 37cm x 30cm x 29cm	Each	109.00
44	(B)	Hammer dressed stone 37cm x 30cm x 29cm	Each	84.00
45	34	Cutstone fully dressed to size on all faces	cum.	4305.00
46	35	Cut stone Roughly dressed	cum.	2970.00
47	36	Ashlar arch stone fully dressed to size all faces	cum.	3275.00
48	38	Flooring stone SS Size (Not less than 10cm thick)	sqm.	241.00
49	39 a	Stone slab for culvert (3 faces one line dressed) Above 1.2m	cum.	3125.00
50	b	Stone slab for culvert (3 faces one line dressed) Upto 1.2m	cum.	2835.00
51	40	Stone slab for culvert (3 faces two line dressed)	cum.	3485.00
52	41	For Lintel coping (3 faces two line dressed)	cum.	3485.00
53	42	Bond Stones	cum.	414.00
54	43 a	Kilometre stone 1.65 x 0.45 x 0.15m	Each	299.00
55	44 a	Hecta metre stone 0.9x0.1x0.1m	Each	84.00
56	b	Hecta metre stone 0.75x0.23x0.1m	Each	155.00
57	c	Hecta metre stone 0.9x0.15x0.15m	Each	150.00
58	45 a	Demarcation Stone (two line dressed for top 30 cm) 75 x 15 x 15 cm	Each	63.00
59	b	Demarcation Stone (two line dressed for top 30 cm) 90 x 23 x 23 cm	Each	80.50
60	c	Demarcation Stone (two line dressed for top 30 cm) 75 x 23 x 23 cm	Each	74.50
61	d	Demarcation Stone (two line dressed for top 30 cm) 90 x 15 x 15 cm	Each	69.00
62	e	Demarcation Stone with letter cut 75 x 15 x 15cm	Each	84.00
63	f	Edge Stone 45 x 15 x 15 cm	Each	38.50
64	g(i)	T.R.S. Bench mark stone the exposed surface neatly dressed to a height of 15cm including cutting letters 15 x 15 x 60cm	Each	96.50

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
65	g(ii)	T.R.S. Bench mark stone the exposed surface neatly dressed to a height of 15cm including cutting letters 10 x 10 x 25cm	Each	70.00
66	46 a	Guard Stone (Two line dressed for 45 cm) 23cm dia 1.0m long	Each	111.00
67	b	Guard Stone (Top 0.7m chisel dressed and 0.50m bottom roughly dressed) 0.23 x 0.23 x 1.20m long. Two line dressed top 45cm) 23cm dia 1.0m long	Each	118.50
68	c	Guard Stone (Top 0.7m chisel dressed and 0.50m bottom roughly dressed) 0.23 x 0.23 x 0.90m long. Two line dressed top 45 cm) 23cm dia 0.90m long	Each	111.00
69	d	Guard Stone (Top 0.7m chisel dressed and 0.50m bottom roughly dressed) 0.15 x. 0.15 x 0.90m long. Two line dressed top 45 cm) 23cm dia 0.90m long	Each	77.50
70	e	Guard Stone 23cm dia 0.90m long	Each	57.50
	48	Hard Broken Granite Stone Jelly (I.S.S.) Machine crushed / Hand broken		
71	I	HBGS Jelly 90 mm size	cum.	290.00
72	ii	HBGS Jelly 80 mm size	cum.	326.00
73	iii	HBGS Jelly 63 mm size	cum.	375.00
74	iv	HBGS Jelly 50 mm size	cum.	435.00
75	v	HBGS Jelly 40 mm size	cum.	675.00
76	vi	HBGS Jelly 25 mm size	cum.	580.00
77	vii	HBGS Jelly 20 mm size	cum.	940.00
78	viii	HBGS Jelly 12 mm size	cum.	871.00
79	ix	HBGS Jelly 10 mm size	cum.	641.00
80	x	HBGS Jelly 6 mm size	cum.	435.00
81	xi	HBGS Jelly 3 mm size	cum.	392.00
	49 b	Quartz metal		
82	I	Quartz metal 50 mm	cum.	66.00
83	ii	Quartz metal 40 mm	cum.	67.00

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
	51	Soft Broken Stone		
84	I	Soft Broken Stone 63mm size	cum.	51.00
85	ii	Soft Broken Stone 40mm size	cum.	57.00
86	52	Laterite 40 to 75mm size	cum.	66.00
87	53	Kankar 40 to 75mm size	cum.	66.00
88	54	Soling stones unblasted 15cm cube	cum.	77.00
89	54a	Soling stones blasted 15cm cube	cum.	126.00
90	57	Gravel	cum.	111.00
91	57A	Well Gravel	cum.	98.00
92	57B	Screened Kankar Gravel	cum.	72.00
93	58	Quarry Rubbish	cum.	66.00
94	58A	Stone Dust	cum.	84.00
95	58B	Pond Ash (wet / dry)	cum.	65.00
96	58C	Crushed Stone Sand	cum.	334.00
97	59	Sand for Mortar	cum.	110.00
98	60	Sand for Filling	cum.	110.00
99	62	Clay for Puddle & Masonry	cum.	26.00
100	63 (I)	Cuddapah Slab 50mm Thick	sqm.	311.00
101	ii	Cuddapah Slab 38 / 40mm Thick	sqm.	300.00
102	iii	Cuddapah Slab 20 / 30mm Thick	sqm.	277.00
		C. LIME		
103	66	Shell lime (Slaked & Screened)	cum.	1075.00
104	67	Freshly Slaked & Screened Burnt Lime Stone	cum.	790.00
105	68	Stone Lime or Lime Metal	cum.	70.00
		D. Timber and Roofing Materials		
106	71	TW Scantlings (over 3m for joist and rafters) - Malabar	cum.	88550.00
107	72	TW Scantlings (for Tiebeams and principal rafters) - Malabar	cum.	87120.00

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
108	73	TW Scantlings (over 2m & below 3m in length) - Malabar	cum.	84810.00
109	74	TW Scantling (below 2m in length) - Malabar	cum.	75460.00
110	75 (I)	TW Planks (Over 45cm wide & 12mm Thick)	cum.	93500.00
111	ii	TW Planks (30 - 45cm wide & 12mm Thick)	cum.	86790.00
112	iii	TW Planks (30 - 45cm wide & 12 - 25 mm Thick)	cum.	81290.00
113	iv	TW Planks (30 - 45cm wide & 25 - 40 mm Thick)	cum.	77990.00
114	v	TW Planks (15 - 30cm wide & 12mm Thick)	cum.	75900.00
115	vi	TW Scantling (15 - 30cm wide & 12-25mm Thick)	cum.	72160.00
116	vii	TW Planks (15 - 30cm wide & 25- 40mm Thick)	cum.	70730.00
117	viii	TW Planks (Upto 15cm wide & 12mm Thick)	cum.	69410.00
118	ix	TW Planks (Upto 15cm wide & 12-25mm Thick)	cum.	69410.00
119	xiii	TW Planks (Upto 15cm wide & 25-40mm Thick)	cum.	65560.00
	76	Teak wood Reepers		
120	I	TW Reepers 50 x 25mm	RM	58.00
121	ii	TW Reepers 50 x 12mm	RM	47.00
	77	Country Wood Scantling		
122	I	CW Scantling (upto 4m in length)	cum.	26180.00
123	ii	CW Scantling (over 4m in length)	cum.	27500.00
124	77A	CW Scantling (for tie beams & principal rafters for trusses)	cum.	27500.00
125	77B	Jack wood Scantlings (upto 4 m)	cum.	28820.00
126	77D	Silver oak Scantlings	cum.	11880.00
	78	Country Wood Planks		
127	I	CW Planks (upto 30cm wide-40mm thick)	cum.	30030.00
128	ii	CW Planks (upto 30cm wide-25mm thick)	cum.	30030.00
129	iii	CW Planks (over 30cm wide-40mm thick)	cum.	30030.00
130	iv	CW Planks (over 30cm wide-25mm thick)	cum.	30030.00
131	78A	JW Planks (25mm-40mm thick)	cum.	31460.00

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
132	78B	Silver Oak Plank (40mm thick)	cum.	13530.00
133	78C	Bluegum Plank	cum.	13860.00
	79	Country Wood Reepers		
134	I	CW Reepers (50 x 25mm)	RM	26.40
135	II	CW Reepers (50 x 12mm)	RM	19.20
136	80	Mango plank	cum.	12870.00
137	81	Palmyrah rafter (50 - 60mm wide & 125mm depth)	RM	37.90
138	a	Palmyrah Leaves	100 Nos.	195.80
139	b	Palmyrah Leaves (Labour for cutting)	100 Nos.	30.80
	90	Casurina poles		
140	a	Casurina poles 13cm - 15cm dia	RM	25.30
141	b	Casurina poles 10cm - 13cm dia	RM	19.20
142	c	Casurina poles 8cm - 10cm dia	RM	14.80
143	d	Casurina poles 5cm - 8cm dia	RM	12.60
	90.1	Eucalyptus Poles		
144	a	13cm to 15cm dia	RM	25.30
145	b	10cm to 13cm dia	RM	18.10
146	c	8cm to 10cm dia	RM	14.80
147	d	5cm to 8cm dia	RM	12.60
148	e	below 5cm	RM	11.50
149	90.2	Eucalyptus Bullies 4cm to 5cm dia and cross ties	RM	9.30
150	91	Casurina Bullies 4cm - 5cm dia & cross ties	RM	10.40
151	92	Bamboo Large (10cm dia and above)	RM	9.30
152	93	Bamboo (7.5cm - 10cm dia)	RM	8.20
		E. Metal and Iron works		
153	111	Mild steel plates or sheets BG 10	Kg	48.00
154	112	Mild steel Angles 25 x 25 x 3 mm	Kg	48.00
155	113	Binding wire (Black 18 G)	Kg	48.00
156	113 b	Binding wire (Galvanised-18 G)	Kg	48.00

ANNEXURE-III

III. RATES OF WORKS

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
		A. Clearing the Site		
1	1	Clearing Heavy Jungle	sqm.	2.70
2	2	Clearing Light Jungle	sqm.	2.05
3	3	Clearing Scrub Jungle	sqm.	1.90
4	4	Uprooting & removing large palmyrah / coconut stumps	Each	52.50
5	5	Uprooting & removing small palmyrah / coconut stumps	Each	37.50
6	9	Removing weeds in channel and drain	sqm.	0.80
7	9C	Cleaning Juliflora jungle with uprooting	sqm.	3.00
8	9D	Cleaning Juliflora jungle without uprooting	sqm.	2.30
		B. Dismantling		
		Dismantling, clearing away and carefully stacking materials useful for re-use for any thickness of walls		
9	10	Brick / stone in clay walls under 3m high	cum.	22.30
10	11	Brick / stone in clay walls, add for every additional 3m or part there of over the initial height of 3m	cum.	7.50
11	11A	Mud / sun dried brick walls under 3m high	cum.	15.00
12	11B	Mud / sun dried brick walls, add for every additional 3m or part there of over the initial height of 3m	cum.	4.40
13	12	Brick / stone masonry in lime mortar walls under 3m high	cum.	68.40
14	13	Brick / stone masonry in lime mortar walls, add for every additional 3m or part there of over the initial height of 3m	cum.	7.65
15	14	Brick / stone masonry in Cement mortar walls under 3m high	cum.	83.85
16	15	Brick / stone masonry in Cement mortar walls, add for every additional 3m or part there of over the initial height of 3m	cum.	9.00
17	16	Terracing work in roof or floor	sqm.	22.70
18	17	Flag stone in roof or floor including lifting	sqm.	12.10
19	18	Cut stone slab over culverts upto 3.3m height below GL	cum.	348.60
20	19	Cut stone slab over culverts over 3.3m height below GL	cum.	363.30

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
21	20	Removal of cut stone slabs / RCC cover slabs	sqm.	153.30
22	22	Re-fixing cut stone slab / RCC Cover Slab	sqm.	167.00
23	23	Pantile or Mangalore tiled roof without roof timbers	sqm.	6.00
24	24	Flat & pan tiles or Manglore tile over flat tiles, with out roof timbers	sqm.	8.35
25	25	AC sheet roofing without roof timbers	sqm.	5.50
26	26	Corrugated iron sheet roofing over pan tiles, without roof timbers	sqm.	9.00
27	27	Old thatched roof, including tying materials into small bundles for reuse.	sqm.	2.70
28	28	Wrought and putup framed timbers in roofs / floors	cum.	219.45
29	29	Doors and windows including removal of frames, hinges and fastenings	sqm.	45.35
30	32	Dry stones apron or revetment, stacking within 40m lead	cum.	39.00
31	33	Grouted stones apron or revetment, stacking within 40m lead	cum.	45.35
32	34	Dry stone masonry walls	cum.	33.20
33	36	Dismantling lime concrete	cum.	106.20
34	37	Dismantling plain Cement concrete	cum.	144.00
35	38	Dismantling RCC	cum.	2187.00
36	38A	Chipping of concrete and roughening the surface	sqm.	12.10
37	38B	Pressed tiles & weathering course	sqm.	13.95
38	38C	One course of pressed tile roof finish in Cement Mortar	sqm.	7.75
39	38D	One course of terrace bricks roof finish in Cement mortar	sqm.	9.00
40	38E	Two course of flat tiles roof finish in cement mortar	sqm.	9.00
41	38F	Mosaic in situ finish in cement mortar in flooring and in wall surface	sqm.	18.70
42	38G	Floor finish and dadoing walls in cement mortar with mosaic tiles / glazed tiles / cuddapah slabs	sqm.	18.10
		C. Quarrying and Blasting		
43	39	Hard rock measured in solid including blasting & stacking	cum.	258.30

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
44	39A	Removing hard rock by wedging, chiseling and trimming to proper shape where blasting is prohibited.	cum.	516.60
45	40A	Medium rock and dense medium rock requiring blasting	cum.	132.30
46	42A	Extra for every additional 10m lead or part thereof over the initial lead for blasted materials	cum.	3.20
47	42B	Extra for every additional 1m lift or part thereof over the initial lift of 2m for blasted materials	cum.	3.30
48	44	Benching, hard rock upto an average 10 cm depth	sqm.	250.00
49	46	Drilling holes in hard granite 40mm diameter	RM	83.80
50	46A	Drilling holes in hard granite 45mm diameter	RM	97.80
51	47	Drilling holes in hard granite 50mm diameter	RM	116.50
52	48	Drilling holes in hard granite 75mm diameter	RM	132.30
53	49	Drilling holes in hard granite 32mm diameter	RM	71.90
		D. Earth Work		
54	49	ORDINARY SOIL (SS20A) Earth work excavating and depositing on bank with initial lead of 10m & initial lift of 2m in Sand, silt or other loose soil, wet sand or silt not under water, light black cotton soil sandy loam and ordinary soil including excavated earth (SS20A).	cum.	26.75
55	50	ORDINARY SOIL (SS20B) Earth work excavating and depositing on bank with initial lead of 10m & initial lift of 2m in Sand, silt or other loose soil, wet sand or silt not under water, light black cotton soil, sandy loam and ordinary soil including excavated earth (SS20B)	cum.	24.35
56	50A	Sand and Silt Under Water (SS20B) Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in Slush and silt under water upto 0.75m depth requiring the aid of basket and vessels (SS20B)	cum.	30.45
57	50B	Trimming the bed and the side slope of the bank in all soils except hard rock upto a thickness of 7.5 cm and making it ready to receive the concrete	sqm.	6.30
58	50C	Trimming the bed and the side slope of the bank in all soils except hard rock upto a thickness of 7.5 cm to 15 cm and making it ready to receive the concrete	sqm.	7.65
59	50D	Sectioning during forming bunds when earth moving machinery, lorries and rollers are used for consolidation.	cum.	4.70

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
60	61	HGS SS.20.A. Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in Hard stiff clay, stiff black cotton, hard red earth, shales,murram, gravel, stoney earth and earth mixed with small size boulders SS.20.A.	cum.	38.80
61	62	HGS SS.20.B. Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in Hard stiff clay, stiff black cotton, hard red earth, shales,murram, gravel, stoney earth and earth mixed with small size boulders SS.20B	cum.	36.40
62	67	SDR - (Not Requiring Blasting) Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in Soft disintegrated rock, laterite, soft rock or kankar, not requiring blasting.	cum.	54.20
63	67A	LOOSE BOULDERS Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in loose boulders in excavation of various size 150mm to 625 mm	cum.	85.80
64	72	MR-&DMR (Not Requiring Blasting) Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in medium rock and dense medium rock not requiring blasting	cum.	95.50
65	76	Extra for every additional 10 metre lead or part thereof over the initial lead	cum.	4.60
66	77	Extra for every additional 1 metre lift or part thereof over the initial lift	cum.	3.70
67	78	Breaking clods, consolidating and sectioning	cum.	2.30
68	78A	Breaking clods, consolidating and sectioning the earth scooped by Bull Dozers.	cum.	6.90
69	79	Add to relevant T.N.D.S.S. No.20.A, rates for new tank bunds and closing breaches for extra watering and consolidation		
70	A	By hand roller	cum.	7.65
71	B	By power roller including hire charges	cum.	12.80
72	80	Benching Old Embankment Slopes 45cm x 45cm	cum.	1.55
73	81	Puddle wall work	cum.	60.50
74	82A	Turfing in slopes including watering and fixing with initial lead upto 50m	sqm.	12.80

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
75	84	Refilling with excavated sand complying with standard specification for filling in foundation and basement.	cum.	11.30
76	85	Refilling with excavated soil (other than sand) complying with standard specification for filling in foundation and basement.	cum.	12.80
		E. Open Well Excavation		
77	86	Earth work open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in sand, silt or other loose soil, Wet sand or silt not under water, light black cotton soil, sandy loam and ordinary soil - First depth of 2 metre.	cum.	24.35
78	88	Earth work open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in Hard stiff clay, stiff black cotton soil, hard red earth, shales, murrum, gravel, stoney earth and earth mixed with small size boulders and hard gravelly soil - First depth of 2 metre	cum.	36.30
79	89	Earth work open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in soft disintegrated rock, laterite, soft rock or kankar not requiring blasting - First depth of 2 metre	cum.	55.85
80	90	Open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in Medium rock and dense medium rock not requiring blasting - First depth of 2 metre	cum.	90.80
81	90A	Open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in Medium rock and dense medium rock requiring blasting - First depth of 2 metre	cum.	136.50
82	91	Open well excavation complying with relevant clauses of T.N.D.S.S. Well sinking and with lead upto 10 metre in Hard granite measured in solid including blasting and stacking - First depth of 2 metre	cum.	264.60
83	92A	Sinking well in loose soils, light black cotton soil, sandy loam and ordinary soil under water including bailing or pumping charges if necessary etc., complete First depth of 2 metres	cum.	37.70
84	92B	Sinking well in Sand, including bailing or pumping charges if necessary etc., complete - First depth of 2 metres	cum.	52.85


Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
85	92C	Sinking well in hard stiff clay, light black cotton soil, hard red earth, shales, murrum, gravel, stoney earth, and earth mixed with small size boulders and hard gravelly soil including bailing or pumping charges if necessary etc., complete - First depth of 2 metres	cum.	52.85
		F. Rate for Earth Work Deploying Machinery		
86	1	Earth work in all soils except hard rock requiring blasting and conveying for formation of bund with an extra lead of every 100 metre or part thereof deploying earth moving machinery and tippers including benching, formation of bunds, breaking clods and sectioning	cum.	39.40
87	1a	Earth work in all soils except hard rock requiring blasting and conveying for formation of bund with an extra lead of every 100 metre or part thereof deploying earth moving machinery and tippers including benching, formation of bunds, breaking clods and sectioning	cum.	3.20
88	2	Earth work deploying earth moving machinery for desilting channel and forming bund on either side and depositing the earth on banks including jungle clearance etc complete		
89	a	having width up to 3m	cum.	23.30
90	b	having width of 3m -10m	cum.	28.40
91	3	Earth work excavation deploying earth moving machinery for desilting channel having a width of more than 10m and forming bund on either side and depositing the earth on banks including jungle clearance etc complete	cum.	33.15
		G. LIFT CHARGES - Concrete - Brick or Stone Masonry - Above or Below Ground Level		
	A	Concrete - Above ground level		
92	1	Add to the basic rates for works upto 4.50M height in ground floor (height to be reckoned from floor level ie., plinth level in GL)	cum.	38.85
93	2	Add for works in every upper floor over the rate of preceeding floor	cum.	77.45
	B	Brick or Stone Masonry - Above GL		
94	1	Add to the basic rates for works upto 4.50M height in ground floor (height to be reckoned from floor level ie., plinth level in GL)	cum.	25.70
95	2	Add for works in every upper floor over the rate of preceeding floor	cum.	51.65

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
		STATEMENT II		
	A	Concrete - Below ground level		
96	1	Add the basic rate for works 1.50m depth and upto 4.5m depth below ground level	cum.	38.30
97	2	Add the basic rate for works 4.50m depth and upto 9m depth below ground level	cum.	76.85
98	3	Add extra over the above item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	cum.	76.85
	B	Brick or Stone Masonry - Below GL		
99	1	Add the basic rate for works 1.50m depth and upto 4.50m depth below GL	cum.	25.70
100	2	Add the basic rate for works above 4.50m depth and upto 9.0m depth below GL	cum.	51.65
101	3	Add extra over the above item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	cum.	51.65
		H. Concrete Vibrators		
102	1	Where vibrators are specified for consolidation in PCC, this rate per Cu.M over and above the provision made in the standard data book for consolidation with manual labour may be allowed.	cum.	22.80
103	2	Where vibrators are specified for consolidation in RCC, this rate per Cu.M over and above the provision made in the standard data book for consolidation with manual labour may be allowed.	cum.	30.65
		I. Plastering		
104	318	Clean removal of lime plaster from walls and racking out joints 20 mm deep or from terraced roofs racking out joints 12 mm deep	sqm.	3.20
105	319	Clean removal of lime plaster from walls	sqm.	2.50
106	320	Clean removal of Cement plaster from walls	sqm.	2.65
107	321	Clean removal of Cement plaster from walls and racking out joints 20mm deep	sqm.	3.45
		J. White Washing, Colour Washing & Distempering		
108	338	Thorough scrapping of old plastered surface	sqm.	1.50
109	339	Washing of plastered surface with soap, soda and water (or with soda lime, brush and water)	sqm.	1.85

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
		K. Painting, Wood Oiling, Tarring, Varnishing, Bee's Waxing Etc.,		
110	357	Removing old paint from doors and windows by blow lamp and scrapping, including removal and re-fitting of shutters.	sqm.	11.35
111	357A	Removing old paint from doors and windows by scrapping and refitting of shutters.	sqm.	4.85
112	357B	Removing paint from doors, windows & wood works by manual labour	sqm.	3.30
113	357C	Removing old paint from structural steel by blow lamp or sand paper	sqm.	6.90
114	357 D	Scrapping and removing old paint from structural steel by manual labour	sqm.	3.10
115	357 E	Removing old paint from iron surface with sand paper	sqm.	2.95
116	357 F	Repolishing the mosaic flooring including polishing stone and hire charges for polishing machine but excluding cost of electrical charges	sqm.	6.70
		L. Miscellaneous		
117	369 B	Supplying and filling up the empty cement gunny bags with sand, stitching them, conveying the same to site and stacking as directed within a lead of 10 m excluding cost of bags, Jute, thread, needle, sand etc., (Labour only)	Bag	2.95
118	369 B (i)	Driving piles up to 15 cm dia in river bed	RM	8.95
119	(ii)	Pointing the edge and driving bamboo / casurina / eucalyptus piles into river bed for the first 1m depth below ground level.	Each	7.65
120	(iii)	Driving bamboo / casurina / eucalyptus piles into ground beyond 1m depth from ground level. For every 1m (or) part thereof	RM	7.65
		M. River Conservancy of Korambu Works		
121	375A	Brush wood bundles one metre girth and one metre long within an initial lead of 1.6 K.M.	one bundle	1.55
122	375B	Extra for every additional lead of 1.6K.M (for the above item)	one bundle	0.18
123	378A	Driving casurina piles into bed including scaffolding etc., complete	RM	3.75

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
124	378B	Casurina walling pieces 40 mm to 50 mm diameter including fixing with nails and tying with ropes	RM	5.15
		N. Cutting and Threading of GI Pipe		
125	1	15 mm dia GI Pipe Cutting	Each	3.15
126		15 mm dia GI Pipe Threading	Each	4.40
127	2	20 mm dia GI Pipe Cutting	Each	3.15
128		20 mm dia GI Pipe Threading	Each	4.60
129	3	25 mm dia GI Pipe Cutting	Each	3.85
130		25 mm dia GI Pipe Threading	Each	9.20
131	4	32 mm dia GI Pipe Cutting	Each	4.60
132		32 mm dia GI Pipe Threading	Each	12.40
133	5	40 mm dia GI Pipe Cutting	Each	6.05
134		40 mm dia GI Pipe Threading	Each	13.95
135	6	50 mm dia GI Pipe Cutting	Each	7.75
136		50 mm dia GI Pipe Threading	Each	15.55
137	7	65 mm dia GI Pipe Cutting	Each	8.40
138		65 mm dia GI Pipe Threading	Each	18.65
139	8	80 mm dia GI Pipe Cutting	Each	10.90
140		80 mm dia GI Pipe Threading	Each	23.45
141	9	100 mm dia GI Pipe Cutting	Each	15.55
142		100 mm dia GI Pipe Threading	Each	31.25
		O. Labour Wrought and Put-up for Doors, Windows & Ventilators		
143	1	Labour wrought and put up in position of frames inclusive of fixing holdfasts for doors, windows and ventilators etc.,	cum.	4450.00
144	2	Labour wrought and put up in position Shutters for fully panelled doors (external or internal) moulded panels including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	sqm.	502.00

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
155	20	Labour charges for fixing windows and ventilators along with frames in position etc., complete.	sqm.	94.00
156	21	Labour wrought and put up in position Flush shutters		
a		Single leaf shutter	sqm.	69.75
b		Double leave shutters	sqm.	108.00
157	22	Labour wrought and put up in position fly proof wire gauge shutters for doors, windows and ventilators.	sqm.	250.00
158	23	Labour wrought and put up for Providing teak wood weldmesh screen with frames 3"x3" (0.075m x 0.075m)	sqm.	348.00
		P. Breaking Metals		
159	50A	Labour charges for breaking 40mm metal from departmental blasted stones	cum.	133.00
160	50B	Labour charges for breaking 20mm metal from departmental blasted stones	cum.	199.00
161	50C	Labour charges for breaking 50mm metal from departmental blasted stones	cum.	79.50
		Q. Cement Mortar		
162	1	Grinding Mortar (Special Grinding lime)	cum.	120.75
163	2	Grinding Mortar (Ordinary grinding lime)	cum.	92.10
164	3	Mixing Mortar - Cement by manual	cum.	37.70
165	4	Mixing Mortar - Cement by Machine Mixing	cum.	50.10
		R. Metal and Iron works		
166	1	Petty ironwork for truss, straps etc., (Wrought & fixed) labour only	Kg	18.10
167	2	Iron works for trusses and record racks (labour only)	Kg	16.75
168	3	Fixing in position mild steel grills for windows, ventilators, etc.	Kg	10.50
169	4	Fixing MS Rods round / square for windows	Kg	9.75
170	5	Fixing Iron Bars in windows and ventilators	Kg	9.75


 for Engineer-in-Chief (Buildings) &
 Chief Engineer (Buildings), Chennai Region &
 Chief Engineer (General), PWD, Chennai-5
 30/04/12

**ANNEXURE-IV
RATES FOR CONVEYANCE OF MATERIALS BY HEAD LOAD**

Sl. No.	Description of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)		
			LEAD		LIFT
			Above 10m and upto 100m	Add extra for every additional 100m or part thereof	Add extra for every 1m height or part thereof for more than 2m lift
1	Rough Stone, Broken Stone Jelly, Cut Stone, RCC Slab, Sand-Cement Block, Wooden Scantling, Wooden Plank	cum.	43.85	18.25	4.80
2	Lime, Lime Stone, Laterite, Brick Jelly, Earth, Sand, Gravel, Surki, Pond Ash (Wet / Dry), Crushed Stone Sand, Stone Dust	cum.	23.35	18.25	3.60
3 a	Mangalore Tiles	1000 Nos.	47.50	23.90	6.05
b	Machine Pressed Tiles	2000 Nos.	47.50	23.90	6.05
c	Hydraulic Pressed Mosaic Flooring Tiles	1500 Nos.	47.50	23.90	6.05
d	Terrace Bricks, Flat Tiles and Pan Tiles	2500 Nos.	47.50	23.90	6.05
e	Bricks	1000 Nos.	47.50	23.90	6.05
4	Cement, AC Sheet, Bitumen, Asphalt, Tar	MT	43.85	23.90	4.80
5	Steel	MT	73.15	29.25	6.05

Note:

1	Fraction of 100 metres to be rounded off to the nearest 100 metres
2	The rates indicated in the table shall be applicable only to inaccessible places (i.e.) the places wherever the Bullock Carts cannot move [Chief Engineer (General), Memo No. CTO (A) / 38153 / 89, dated 03.02.1989]
3	For an initial lead of 10 metre and initial lift of 2 metre, no charge towards head load is allowable

**ANNEXURE-V
CONVEYANCE TABLE
(A). RATES FOR CONVEYANCE OF MATERIALS BY ROAD IN PLAINS**

Sl. No.	Distance in kilometre	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)							
		Cement, Steel (1 MT)	Lime Stone, Laterite, Brick Jelly, Wood Work, Pond Ash (Wet / Dry), Stone Dust (One cubic metre)	Rough Stone, Bond Stone, Cut Stone, Broken Stone Jelly, Sand, Gravel, Surki, Earth, Crushed Stone Sand (One cubic metre)	Third Class Country Bricks (Kiln Burnt) (1000 Nos.)	Mangalore Tiles (1000 Nos.), Machine Pressed Tiles (2000 Nos.), Hydraulically Pressed Mosaic Flooring Tiles (1500 Nos.)	Bricks II Class Chamber Burnt Bricks (Table Moulded / Ground Moulded), Fly Ash Bricks (1000 Nos.)		
1	2	3	4	5	6	7	8		
1	Co-efficient	1.00	1.10	1.60	1.35	1.80	2.25		
2	Add for every extra 1 Km and part thereof.....								
a	0 - 10 Km.	4.40	4.85	7.05	5.95	7.90	9.90		
b	10 - 20 Km.	3.80	4.20	6.05	5.10	6.85	8.35		
c	20 - 40 Km.	3.35	3.70	5.35	4.50	6.05	7.55		
d	40 - 80 Km.	2.80	3.10	4.50	3.80	5.05	6.30		
e	Above 80 Km.	2.55	2.80	4.05	3.40	4.55	5.70		
4	Loading Charges	58.50	27.95	19.15	27.50	27.50	27.50		
5	Unloading Charges	58.50	27.95	19.15	27.50	27.50	27.50		
6	Add above extra for inter state works	11.65	12.80	18.60	15.80	20.95	26.15		

Note

- The above rates do not include stacking charges [as per Circular Memo No.230 Wks.IV (2)/62-3, dt.16.06.1962 of Chief Engineer (General)].
- For conveyance of materials on cart track, allow 20% extra over the above rates excluding loading and unloading charges.
- For sandy and slusly soil tracks, add 50% extra over the above rates excluding loading and unloading charges.
- The quantity for payment towards conveyance of earth in Column (5) is for the pit measured quantity at the site of excavation only.
- For conveyance of laterite, broken stone jelly, etc., through lorries, the rates provided are for the volume with voids.
- For all materials which finds place in Column, 3,4,5,6,7 and 8 above, necessary incidental charges, loading charges and unloading charges have been included already under their cost furnished below the head "Rates of Materials" itself. Hence, no separate incidental charges, loading and unloading charges shall be allowed for the above materials.


**ANNEXURE-V
CONVEYANCE TABLE
(B). RATES FOR CONVEYANCE OF MATERIALS BY ROAD IN HILLS**

Rate approved for the year 2012-2013
(w.e.f. 01.05.2012)

Sl. No.	Distance in kilometre	Cement, Steel (1 MT)	Lime Stone, Laterite, Brick Jelly, Wood Work, Pond Ash (Wet / Dry), Stone Dust (One cubic metre)	Rough Stone, Bond Stone, Cut Stone, Broken Stone Jelly, Sand, Gravel, Surki, Earth, Crushed Stone Sand (One cubic metre)	Third Class Country Bricks (Kiln Burnt) (1000 Nos.)	Mangalore Tiles (1000 Nos.), Machine Pressed Tiles (2000 Nos.), Hydraulically Pressed Mosaic Flooring Tiles (1500 Nos.)	Bricks II Class Chamber Burnt Bricks (Table Moulded / Ground Moulded), Fly Ash Bricks (1000 Nos.)
1	2	3	4	5	6	7	8
1	Add for every extra 1 Km and part thereof.....						
a	0 - 10 Km.	8.80	9.70	14.10	11.90	15.80	19.80
b	10 - 20 Km.	7.60	8.40	12.10	10.20	13.70	16.70
c	20 - 40 Km.	6.70	7.40	10.70	9.00	12.10	15.10
d	40 - 80 Km.	5.60	6.20	9.00	7.60	10.10	12.60
e	Above 80 Km.	5.10	5.60	8.10	6.80	9.10	11.40

Note

1	The above rates do not include stacking charges [as per Circular Memo No.230 Wks.IV(2)/62-3, dt.16.06.62 of Chief Engineer (General)].
2	For conveyance of materials on cart track, allow 20% extra over the above rates excluding loading and unloading charges.
3	For sandy and slusly soil tracks, add 50% extra over the above rates excluding loading and unloading charges.
4	The quantity for payment towards conveyance of earth in Column (5) is for the pit measured quantity at the site of excavation only.
5	For conveyance of laterite, broken stone jelly, etc., through lorries, the rates provided are for the volume with voids.
6	For all materials which finds place in Column, 3,4,5,6,7 and 8 above, necessary incidental charges, loading charges and unloading charges have been included already under their cost furnished below the head "Rates of Materials" itself. Hence, no separate incidental charges, loading and unloading charges shall be allowed for the above materials.


 for Engineer-in-Chief (Buildings) &
 Chief Engineer (Buildings), Chennai Region &
 Chief Engineer (General), PWD, Chennai-5
 30/04/12

ANNEXURE-VI
RATES OF OTHER CONSTRUCTION MATERIALS

Note: No extra on cost, conveyance charges shall be allowed for all the items included under this category. The rates approved therein are applicable at site of work

Sl. No.	Name of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
1	Water proofing compound	Kg	38.50
2	Mild Steel Flats of all sizes	Kg	48.00
3	Mild Steel Square Rods of all sizes	Kg	48.00
4	First Quality Design Ceramic tiles of All colours		
i	305 mm x 305 mm x 6 mm	Each	46.20
ii	200 mm x 200 mm x 6 mm	Each	20.35
iii	200 mm x 100 mm x 6 mm	Each	11.00
5	First Quality Plain ceramic tiles of all colours		
i	305 mm x 305 mm x 6 mm	Each	33.00
ii	200 mm x 200 mm x 6 mm	Each	14.80
iii	200 mm x 100 mm x 6 mm	Each	7.70
6	First quality White glazed tiles		
i	150 mm x 150 mm x 6 mm	Each	7.70
ii	100 mm x 200 mm x 6 mm	Each	6.60
7	First quality colour glazed tiles		
i	150 mm x 150 mm x 6 mm	Each	8.80
ii	100 mm x 200 mm x 6 mm	Each	7.70
8	First quality colour glazed tiles with printed design		
i	150 mm x 150 mm x 6 mm	Each	10.40
ii	100 mm x 200 mm x 6 mm	Each	9.35
9	White Cement	Kg	20.95
10	Colour Cement (White cement mixed with colouring pigments)	Kg	24.25
11	Multi-colour marble chips of all Grades / Sizes	Bag	88.20
12	White Marble slab (Adanga) 18 mm to 20 mm thick		
i	4'0" x 2'0" and above	sqm.	850.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
ii	2'0" x 2.0" or 2'0" x 1'0" or 1'0" x 1'0"	sqm.	465.00
13	Granite tiles - (Superfine polished with Machine cut edges) of size 2'0" x 1'0" or 1'0" x 1'0" or 1'0" x 0'6", of 10 mm thick		
a	Jet Black	sqm.	820.00
b	Ruby Red, Raw Silk	sqm.	710.00
c	Sinthetic Grey, Paradise and Similar varieties.	sqm.	660.00
14	Granite slabs (Super fine polished with machine cut edges) of sizes 4'x2' and above 18mm to 20mm thick.		
a	Jet Black	sqm.	1650.00
b	Ruby Red, Raw Silk	sqm.	1540.00
c	Sinthetic Grey, Paradise and Similar varieties.	sqm.	1210.00
15	Polished shahabad stone slabs of 20 mm thick with machine cut edges of size 2' 0" x 2'0" and above.	sqm.	330.00
16	Polished shahabad stone slabs 20 mm thick with machine cut edges of size below 2' 0" x 2'0".	sqm.	275.00
17	Polished Rajasthan Kota stone slabs of 20 mm thick with machine cut edges of size 2' 0" x 2'0" and above.	sqm.	485.00
18	Polished Rajasthan Kota stone slabs of 20 mm thick with machine cut edges of size below 2' 0" x 2'0".	sqm.	425.00
19	Dolphur stone slabs - semi polished with machine cut edges of all sizes		
a	40 mm thick	sqm.	362.00
b	20 mm thick	sqm.	330.00
20	Aluminium strips of size 40 mm wide x 1.5 mm thick	RM	27.30
21	Brass strips of size 40 mm wide x 1.5 mm thick	RM	54.60
22	Glass strips of size 40 mm wide and 4 mm thick	RM	13.65
23	Marblex Tiles 3 mm thick	sqm.	550.00
24	Red Oxide - Superior quality for floor finish	Kg	115.50
25	Decorative pressed tiles of 12 mm thick of all sizes and shapes	sqm.	934.50
26	Exterior Emulsion Paint - Water based primer (Liquid)	Litre	132.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
27	Alkali Resistant Distemper Primer	Litre	132.00
28	Sandtex matt	Litre	154.00
29	Vinaratex or equivalent Textured coat	sqm.	199.00
30	Best Lac Polish / French Polish	Litre	257.00
31	Varnish	Litre	264.00
32	Cotton Waste	Kg	8.40
33	Cement based Hydraulically pressed Anti skid tiles (pattern design) - 20 mm thick	sqm.	440.00
34	Marble Powder	Kg	4.40
35	Polishing Stone		
i	Rough	Each	55.00
ii	Medium	Each	77.00
iii	Fine / Nice	Each	88.00
36	Oxalic Acid	Kg	36.20
37	Tupentine	Litre	24.25
38	Mansion polish	400 gram	145.00
39	Poly Sulphide	Kg	165.00
40	Primer for expansion joints	Kg	148.00
41	Filler material	sqm.	121.00
42	Bond Breaker	RM	3.30
43	PVC Water Bar 150mm wide with singel bulb	RM	247.00
44	Plain G.I. sheet 0.8mm thick (22 Gauge)	sqm.	302.40
45	Phil Plug	Each	4.40
46	G.I. Screws		
i	30mm x 6mm	Each	1.10
ii	19mm x 6mm	Each	0.68
47	G.I. Limpet / Cup Washers	Each	1.60
48	Bitumen washers 15mm dia	Each	1.10
49	Asbestos Cement pipe - 100mm dia	3 RM	121.25

Sl. No.	Name of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
50	A.C. shoe - 100mm dia	Each	38.55
51	A.C. Bend - 100mm dia	Each	44.10
52	A.C. Cylindrical Cowl - 100mm dia	Each	66.15
53	C.I. Brackets for A.C. pipe 100mm dia	Each	18.15
54	C.I. Grating - 100mm dia	Each	26.65
55	Asbestos cement fully corrugated sheet - 6mm thick	sqm.	159.60
56	Asbestos cement plain sheet		
i	6mm thick	sqm.	143.30
ii	4mm thick	sqm.	99.20
57	Asbestos cement adjustable ridges	Pair	165.35
58	G.I. "J" or "L" Bolts with nuts 6mm Dia	Each	3.30
59	Steel - special extruded sections for steel windows and ventilators conforming to I.S.S. 7452 / 1990 including Fabrication charges	Kg	60.35
60	CRCA pressed steel Box section 18 Gauge or 1.25mm thick for Door frames including providing holes and fixing wooden blocks for fixing furniture and fittings		
a	With one coat of Red oxide priming coat.	RM	407.00
b	With powder coated primer	RM	434.00
61	Aluminium extruded sections (for Doors, windows, ventilators, partitions, false ceiling etc.) including charges for Anodising for 15 micron thickness -		
a	Natural colour matt finish.	Kg	266.00
b	With powder coating of any colours.	Kg	284.00
62	Aluminium Extruded Box Section for Staircase Hand Rails including charges for Anodising for 15 micron thickness - Natural colour matt finish	Kg	271.00
63	Rubber beading for aluminium glazed doors	RM	33.00
64	Rubber beading for aluminium glazed windows.	RM	25.30
65	PVC / Woollen felt for aluminium doors 6mm thick	RM	7.70
66	Pivot for Aluminium Door	Set	132.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
67	Hydraulic Door closer of various sizes of approved quality using Aluminium Extruded section body tubular type universal hydraulic door closer with double speed adjustment like HARDWYN (make) 'GAZEL' (or) equivalent (with ISI Monogram)	Each	826.00
68	Hydraulic Floor springs of various sizes double action hydraulic floor spring of approved quality, brand, manufacture as per BIS standards for doors including cost of cutting floors as required, embedding in to floors and Stainless Steel Cover plates with Aluminium Pivot and single piece M.S. sheet outer box with side plate etc., capable of taking upto 130 Kg. weight from door shutter, like HARDWYN make (U-32) or its equivalent with ISI monogram.	Each	1980.00
69	Lock for Aluminium doors	Each	217.00
70	Lock for Aluminium sliding windows	Each	54.00
71	Aluminium Grill of standard pattern (diamond shape) - 10mm thick including 'F' (or) 'H' Section.	sqm.	1700.00
72	Aluminium Grill of standard pattern (diamond shape) - 6mm thick including 'F' (or) 'H' Section.	sqm.	1375.00
73	Bolts and Nuts 10mm dia for false ceiling	Each	4.80
74	Rawl Plugs for false ceiling	Each	7.70
75	PVC Roller for sliding windows	Each	12.10
76	Synthetic Resin - Fevicol or equivalent (Phenol Formaldehyde based Resin)	Kg	165.00
77	Butt Hinges with nylon washers of various sizes. Length and width (with required screws).		
a	125mm x 30mm	Each	63.50
b	100mm x 30mm	Each	51.00
c	75mm x 30mm	Each	35.00
d	50mm x 30mm	Each	28.30
78	Tower Bolts of various lengths and diameter (with required screws)		
a	400mm long and 12mm dia	Each	120.00
b	300mm long and 12mm dia	Each	92.40
c	250mm long and 12mm dia	Each	69.30
d	200mm long and 12mm dia	Each	58.25

Sl. No.	Name of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
e	150mm long and 12mm dia	Each	46.00
f	100mm long and 10mm dia	Each	40.40
g	75mm long and 10mm dia	Each	28.30
79	Aldrops of following lengths and diameter with required screws, bolts and nuts.		
a	300mm long and 16mm dia	Each	167.00
b	250mm long and 16mm dia	Each	144.00
c	200mm long and 16mm dia	Each	97.50
d	200mm long and 12mm dia	Each	81.00
80	Handles "D" type of various sizes with required screws		
a	200mm long	Each	51.40
b	150mm long	Each	46.00
c	100mm long	Each	28.30
81	Ornamental handles of various sizes with required screws		
a	200mm long	Each	138.50
b	150mm long	Each	92.40
c	100mm long	Each	51.00
82	Aluminium door stopper with rubber bush with required screws	Each	40.40
83	Rubber bush - 40 mm dia and 60 mm long with required screws	Each	22.00
84	Mortice Lock-(Godrej or equivalent) with required screws with 3 Keys		
a	With night latch	Each	463.00
b	Without night latch	Each	346.00
c	Wire nails	Kg	55.00
85	Teakwood beading		
a	15mm x 12mm	RM	13.10
b	35mm x 12mm	RM	33.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
86	Teakwood Beading (ordinary)		
a	30mm x 12mm	RM	27.30
b	25mm x 12mm	RM	22.00
87	Teakwood beading - Ornamental / design		
a	40mm x 12mm	RM	77.00
b	40mm x 15mm	RM	88.00
c	25mm x 12mm	RM	60.00
d	15mm x 12mm	RM	41.40
88	Medium Density Fibre (MDF) Board - Exterior Grade, Both sides pre-laminated including external lipping with kiln dried soft wood 35mm thick	sqm.	1760.00
89	Medium Density Fibre (MDF) Board - exterior Grade - Both sides pre-laminated, 12mm thick	sqm.	850.00
90	MDF Board exterior Grade - Plain including external lipping with kiln dried soft wood		
i	35mm thick	sqm.	1430.00
ii	30mm thick	sqm.	1320.00
91	Medium density fibre (MDF) Board 12 mm thick Exterior grade - with melamine finish.		
a	One side melamine finish	sqm.	905.00
b	Both sides melamine finish	sqm.	1015.00
92	Medium density fibre (MDF) board - Exterior grade - Plain - With teak wook external lipping around		
a	35mm thick	sqm.	1540.00
b	30mm thick	sqm.	1375.00
93	Solid core Flush shutters with Teak ply on both side with teak wook lipping around 35 mm thick	sqm.	1815.00
94	Solid core Flush shutters with Teak ply on one side and commercial ply on other side with teak wook lipping around 35 mm thick	sqm.	1595.00
95	Solid core Flush shutters with commercial ply on both side with teak wook lipping around 35 mm thick	sqm.	1375.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
96	Solid PVC door shutters using 19 Gauge 19mm MS square tubes for styles and outer frames. 15mm MS square tubes for top, lock and bottom rails. The steel tubes shall be covered with 5mm thick solid PVC sheets. Shutter using 5mm thick solid PVC sheets for panelling shall rigidly fixed in position including necessary furniture and fittings. The over all size of styles shall be 50mm x 30mm. The over all size of top rail, Lock rail and bottom rail shall be 75mm x 30mm. The over all size of frames shall be 50mm x 45mm, with suitable rebate for housing the shutter.		
a	Solid panel PVC door with frame	sqm.	2614.50
b	Solid panel PVC door without frame	sqm.	2205.00
97a	FRP door Sutter with FRP door frames made out of FRP Sheets of 3mm thick of over all size 65mm x 50mm with rebate suitably reinforced using MS Angle / Flats, cost of holdfasts and solid core FRP shutter Panel of 5mm thick and hollow core frames of 3m wall thickness for styles and rails etc., of sizes specified by Engineers.	sqm.	3415.00
b	Excluding door frames	sqm.	2835.00
98a	PVC panelled door shutters hollow type - 200 mm x 20 mm panels with 1 mm wall thickness for panels and styles and rails of suitable size with 2 mm wall thickness suitably reinforced using MS Angle / Flat including cost of necessary Aluminium hinges and other furniture fittings.	sqm.	1870.00
b	Excluding door frames	sqm.	1650.00
99	RCC door frame of 100mm x 65mm cross sectional size with necessary rebate for housing the shutters, manufactured with cement concrete of grade not less than M20 using 10 mm and below graded stone jelly and using steel reinforcement as per C.E. (B) circular instructions.	RM	264.00
100	Stainless Steel (Salem Stainless Steel) Door Frame (Box Section using Stainless Steel Plate of 1 mm thick) of size 100 mm x 60 mm with a rebate of 30 / 35 mm x 15 mm on one side of the frame including supplying and fixing dovetail splayed end stainless steel Hold fast etc.,	RM	826.00
101	Stainless Steel (Salem Stainless Steel) Door Frame (Box Section using Stainless Steel Plate of 1.6mm thick) of size 100mm x 60mm with a rebate of 30 / 35mm x 15mm on one side of the frame including supplying and fixing dovetail splayed end stainless steel hold fast etc.,	RM	1155.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
102	Supplying and erecting pull and push type rolling shutter with ISI make of approved size and section using 18 GI sheet. The shutter shall be painted with one coat of red oxide primer and the rate is inclusive of hood covers, transportation charges etc.,		
A	ROLLING SHUTTERS (WITH ISI MONOGRAM)		
a	Manually operated (up to 8 m ² area)	sqm.	2315.00
b	Gear operated type (from 8 m ² to 12 m ² area)	sqm.	2575.00
c	Electrically operated type (exceeding 12m ² area)	sqm.	2800.00
B	ROLLING GRILLS (WITH ISI MONOGRAM)		
a	Manually operated (up to 8 m ² area)	sqm.	2365.00
b	Gear operated (from 8 m ² to 12 m ² area)	sqm.	2645.00
c	Electrically operated (exceeding 12m ² area)	sqm.	2945.00
103	Barbed Wire - 10 Gauge - Two ply and four pronged (Galvanised)	1 Kg or 6 RM	66.00
104	Chain link - 2" x 2" using 10 Gauge Galvanised Iron Wire (of all sizes)	sqm.	170.00
105	Pin Headed / Fluted / Figured Glass 3mm thick	sqm.	220.00
106	Plain Glass - 4mm thick	sqm.	297.00
107	Plain Sheet Glass - 5.5mm thick	sqm.	352.00
108	Metal screws (for Aluminium Doors, windows etc.)		
i	75mm x 8mm	Each	2.20
ii	38mm x 6mm	Each	1.60
iii	19mm x 8mm	Each	1.10
iv	19mm x 6mm	Each	0.80
109	Cement paint (First quality)	Kg	48.30
110	Oil Bound Distemper	Kg	71.40
111	Acrylic Distemper	Kg	82.40
112	Primer for Plastic Emulsion paint	Litre	142.50
113	Plastic Emulsion paint (First quality)	Litre	286.50
114	Wood Primer	Litre	142.50
115	Synthetic Enamel paint for Wood work	Litre	231.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
116	Red Oxide primer for Iron work	Litre	132.30
117	Synthetic Enamel paint for Iron work	Litre	220.50
118	G.I. Pipes "B" Class		
i	65 mm dia	RM	231.50
ii	50 mm Dia	RM	198.45
iii	40 mm Dia	RM	154.35
iv	32 mm Dia	RM	143.30
v	25 mm Dia	RM	121.25
vi	20 mm Dia	RM	93.45
vii	15 mm Dia	RM	66.15
119	G.I.Specials		
A	Union		
i	50 mm Dia	Each	252.00
ii	40 mm Dia	Each	186.90
iii	32 mm Dia	Each	120.75
iv	25 mm Dia	Each	93.45
v	20 mm Dia	Each	66.15
vi	15 mm Dia	Each	55.10
B	G.I. Elbow		
i	50 mm Dia	Each	121.25
ii	40 mm Dia	Each	93.45
iii	32 mm Dia	Each	82.40
iv	25 mm Dia	Each	55.10
v	20 mm Dia	Each	24.15
vi	15 mm Dia	Each	15.20
C	G.I. Bend		
i	50 mm Dia	Each	110.25
ii	40 mm Dia	Each	82.40
iii	32 mm Dia	Each	66.15

Sl. No.	Name of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
iv	25 mm Dia	Each	49.35
v	20 mm Dia	Each	22.05
vi	15 mm Dia	Each	13.10
D	G.I. TEE		
i	50 mm Dia	Each	132.30
ii	40 mm Dia	Each	104.45
iii	32 mm Dia	Each	93.45
iv	25 mm Dia	Each	77.15
v	20 mm Dia	Each	33.05
vi	15 mm Dia	Each	27.30
E	G.I. COUPLING		
i	50 mm Dia	Each	66.15
ii	40 mm Dia	Each	55.10
iii	32 mm Dia	Each	44.10
iv	25 mm Dia	Each	27.30
v	20 mm Dia	Each	15.20
vi	15 mm Dia	Each	13.10
F	G.I. REDUCER		
i	50 mm x 40 mm Dia	Each	88.20
ii	40 mm x 32 mm Dia	Each	66.15
iii	32 mm x 25 mm Dia	Each	49.35
iv	25 mm x 20 mm Dia	Each	27.30
v	20 mm x 15 mm Dia	Each	19.40
vi	40 mm x 25 mm Dia	Each	49.35
vii	32 mm x 20 mm Dia	Each	38.30
G	G.I. REDUCER ELBOW		
i	50 mm x 40 mm Dia	Each	104.45
ii	40 mm x 32 mm Dia	Each	88.20
iii	32 mm x 25 mm Dia	Each	66.15

Sl. No.	Name of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
iv	25 mm x 20 mm Dia	Each	49.35
v	20 mm x 15 mm Dia	Each	38.30
vi	40 mm x 25 mm Dia	Each	66.15
vii	32 mm x 20 mm Dia	Each	55.10
H	G.I. REDUCER TEE		
i	50 mm x 40 mm Dia	Each	132.30
ii	40 mm x 32 mm Dia	Each	110.25
iii	32 mm x 25 mm Dia	Each	93.45
iv	25 mm x 20 mm Dia	Each	71.40
v	20 mm x 15 mm Dia	Each	66.15
vi	40 mm x 25 mm Dia	Each	99.20
vii	32 mm x 20 mm Dia	Each	77.15
I	G.I. HEX NIPPLE		
i	50 mm Dia	Each	82.40
ii	40 mm Dia	Each	66.15
iii	32 mm Dia	Each	55.10
iv	25 mm Dia	Each	41.45
v	20 mm Dia	Each	33.05
vi	15 mm Dia	Each	22.05
120	Gun Metal Gate Valve (Heavy Duty)		
i	65 mm dia	Each	1543.00
ii	50 mm Dia	Each	1260.00
iii	40 mm Dia	Each	992.00
iv	32 mm Dia	Each	771.00
v	25 mm Dia	Each	603.00
vi	20 mm Dia	Each	357.00
	Note: Gate Valves should be used only in delivery line to OHT scour pipe in OHT (for cleaning of OHT) where pressure pumping is involved. In all other cases only wheel valve should be used.		

Sl. No.	Name of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
121	Gun Metal Wheel Valve (Heavy Duty)		
i	40 mm Dia	Each	661.00
ii	32 mm Dia	Each	522.00
iii	25 mm Dia	Each	358.00
iv	20 mm Dia	Each	247.00
v	15 mm Dia	Each	176.00
122	Brass chromium plated screw down Tap 15 / 12mm Dia (Heavy Type)	Each	192.00
123	Chromium plated stop cock 15mm Dia	Each	154.00
124	Brass chromium plated pillar Tap (Heavy type)- 15/12mm Dia	Each	275.00
125	Brass chromium plated shower Rose - 100mm Dia	Each	198.00
126	Wooden plug, clamp and screws	Set	11.00
127	Shellac	100 gram	16.50
128	Thread Ball	Each	3.30
129	Oriya Type Indian Water closet 580mm x 440mm with "P" or "S" Trap		
i	White	Set	990.00
ii	Colour	Set	1265.00
130	European Water closet with "P" or "S" Trap with Double Flapped seat and seat cover with Brass Hinges and 10 litre capacity PVC low level flusing tank with all internal fittings		
i	White	Set	2535.00
ii	Colour	Set	2865.00
131	European water closet with "P" or "S" Trap with Double falpped seat and seat cover with Brass Hinges and 12.5 litre capacity Porcelin low level flusing tank with all internal fittings		
i	White	Set	3570.00
ii	Colour	Set	4300.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
132	Wash Hand Basin of size 550mm x 400mm with all accessories such as cast iron brackets, 32mm dia C.P. waste coupling, rubber plug and chain, 32mm dia 'B' Class G.I. waste pipe, 15mm dia G.M. wheel valve, 15mm dia nylon connection, 15mm dia brass nipples, 15mm C.P. pillar tap etc.		
i	White without pedestal	Set	1375.00
ii	White with pedestal	Set	1650.00
iii	Colour without pedestal	Set	1840.00
iv	Colour with pedestal	Set	2035.00
133	White Porcelain Sink of size 600mm x 450mm x 200mm with 32mm dia 'B' Class G.I. waste water pipe and 32mm dia C.P. waste coupling.	Set	1760.00
134	Cuddapah Slab Sink of size 600mm x 450mm x 200mm with 32mm dia 'B' Class G.I. waste water pipe & 32mm dia C.P. waste coupling.	Set	603.00
135	Cuddapah Slab Sink of size 600mm x 600mm x 200mm with 32mm dia 'B' Class G.I. waste water pipe & 32mm dia C.P. waste coupling.	Set	798.00
136	Lipped Mouth Porcelain Flat Back Urinal with all accessories such as 32mm dia Bell mouth PVC connection, 15mm dia G.M. wheel value, 15mm dia 'B' Class G.I. waste water pipe, 15mm dia nylon connection, 15 mm dia brass nipple etc.,		
i	White	Set	770.00
ii	Colour	Set	882.00
137	Porcelain soap dish of size 150mm x 150mm x 50mm		
i	White	Each	162.00
ii	Colour	Each	220.00
138	Brass chromium plated soap tray of size 150mm x 100mm	Each	136.00
139	Brass chromium plated towel rail 60cm long and 20mm dia with brackets	Set	220.00
140	Anodised Aluminium Towel Rail 60cm long and 20mm dia with Brackets.	Set	110.00
141	PVC / Fibre Glass framed 5.5mm thick mirror, shelf type with Hard Board Backing		
i	600mm x 450mm	Each	409.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
ii	500mm x 400mm	Each	330.00
142	Stone ware gully trap of size 150mm x 100m with cast Iron Double Gratings	Each	154.00
143	Cast Iron Nahini / Floor Trap with stainless Steel Grating		
i	100mm x 75mm	Each	252.00
ii	75mm x 50mm	Each	198.00
144	PVC Nahini / Floor Trap with PVC Grating		
i	100mm x 75mm	Each	137.00
ii	75mm x 50mm	Each	120.00
145	First Quality cast Iron pipe		
i	150mm Dia	RM	913.00
ii	100mm Dia	RM	551.00
iii	75mm Dia	RM	441.00
iv	50mm Dia	RM	313.00
146	First Quality cast Iron Specials		
A	Plain Bend		
i	150mm Dia	Each	496.00
ii	100mm Dia	Each	242.00
iii	75mm Dia	Each	187.00
iv	50mm Dia	Each	143.00
B	Bend with Door		
i	150mm Dia	Each	573.00
ii	100mm Dia	Each	291.00
iii	75mm Dia	Each	242.00
iv	50mm Dia	Each	192.00
C	Plain TEE		
i	150mm Dia	Each	992.00
ii	100mm Dia	Each	440.00
iii	75mm Dia	Each	302.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
iv	50mm Dia	Each	209.00
D	TEE with Door		
i	150mm Dia	Each	1047.00
ii	100mm Dia	Each	507.00
iii	75mm Dia	Each	352.00
iv	50mm Dia	Each	253.00
E	"Y" Junction with Door (single)		
i	150mm Dia	Each	1102.00
ii	100mm Dia	Each	551.00
iii	75mm Dia	Each	385.00
iv	50mm Dia	Each	275.00
F	"Y" Junction with Door (Double)		
i	150mm Dia	Each	1212.00
ii	100mm Dia	Each	617.00
iii	75mm Dia	Each	463.00
G	COWL		
i	150mm Dia	Each	302.00
ii	100mm Dia	Each	181.00
iii	75mm Dia	Each	121.00
iv	50mm Dia	Each	93.00
147	Stone Ware Pipe		
i	150mm Dia	Each (0.6.RM)	88.00
ii	100mm Dia	Each (0.6.RM)	55.00
148	Stone ware specials		
A	Stone ware TEE		
i	150mm Dia	Each	143.00
ii	100mm Dia	Each	110.00
B	Stone Ware Bend		
i	150mm Dia	Each	121.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
ii	100mm Dia	Each	88.00
C	Stone ware "Y" Junction		
i	150mm Dia	Each	148.00
ii	100mm Dia	Each	110.00
149	Spun Yarn	Kg	11.00
150	Hemp Yarn	Kg	9.90
151	Gunny Tape / Kithan	sqm.	9.90
152	Tar	Kg	35.25
153	Bitumen Felt 15 mm thick pad	sqm.	220.00
154	Supplying, fabricating, erecting and fixing gyp board false ceiling upto a ceiling height of 4.5m from floor level.		
a	Using plain sheets (10mm thick)	sqm.	661.00
b	Using perforated sheets (10mm thick)	sqm.	859.00
155	Supplying and laying Glass wool for insulation including necessary packing materials.		
a	Using 50mm thick Glass wool	sqm.	339.00
b	Using 25mm thick Glass wool	sqm.	181.00

Sl. No.	Description of Materials	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)		
			WORKING PRESSURE		
			4 kg. per cm ²	6 kg. per cm ²	10 kg. per cm ²
WATER SUPPLY AND SANITARY ARRANGEMENTS					
156	PVC ITEMS FINOLEX (OR) EQUIVALENT (WITH ISI MONOGRAM)				
1	PVC Pipes				
a	15 mm Dia	RM	--	--	13.10
b	20 mm Dia	RM	--	--	19.40
c	25 mm Dia	RM	--	--	33.00
d	32 mm Dia	RM	--	--	49.30
e	40 mm Dia	RM	--	--	77.10
f	50 mm Dia	RM	49.30	77.10	115.50
g	63 mm Dia	RM	71.40	104.40	--
h	75 mm Dia	RM	99.20	148.50	--
i	90 mm Dia	RM	115.50	176.40	--
j	110 mm Dia	RM	154.30	231.50	--
l	160 mm Dia	RM	319.70	452.00	--
Note	(1) For Rainwater down fall pipe works, only PVC Pipe of working Pressure of 4 kg. per sq.cm. shall be adopted.				
	(2) For Sanitary arrangement items of works, only PVC Pipe of working Pressure of 6 kg. per sq.cm. shall be adopted.				
	(3) For Water Supply arrangement items of works, only PVC Pipe of working Pressure of 10 kg. per sq.cm. shall be adopted.				
157	PVC Specials for water supply arrangements				
A	Coupler				
a	15 mm Dia	Each	--	--	3.30
b	20 mm Dia	Each	--	--	3.80
c	25 mm Dia	Each	--	--	4.40
d	32 mm Dia	Each	--	--	5.50

Sl. No.	Description of Materials	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)		
			WORKING PRESSURE		
			4 kg. per cm ²	6 kg. per cm ²	10 kg. per cm ²
e	40 mm Dia	Each	--	--	8.20
f	50 mm Dia	Each	--	--	11.00
B	Elbow				
a	15 mm Dia	Each	--	--	4.90
b	20 mm Dia	Each	--	--	5.50
c	25 mm Dia	Each	--	--	7.70
d	32 mm Dia	Each	--	--	11.00
e	40 mm Dia	Each	--	--	15.40
f	50 mm Dia	Each	--	--	22.00
C	BEND				
a	15 mm Dia	Each	--	--	5.50
b	20 mm Dia	Each	--	--	6.60
c	25 mm Dia	Each	--	--	8.80
d	32 mm Dia	Each	--	--	13.10
e	40 mm Dia	Each	--	--	17.60
f	50 mm Dia	Each	--	--	27.50
D	Tee				
a	15 mm Dia	Each	--	--	6.60
b	20 mm Dia	Each	--	--	7.70
c	25 mm Dia	Each	--	--	11.00
d	32 mm Dia	Each	--	--	13.20
e	40 mm Dia	Each	--	--	22.00
f	50 mm Dia	Each	--	--	33.00
E	End Cap				
a	15 mm Dia	Each	--	--	3.30
b	20 mm Dia	Each	--	--	4.40
c	25 mm Dia	Each	--	--	5.50


Sl. No.	Description of Materials	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)		
			WORKING PRESSURE		
			4 kg. per cm ²	6 kg. per cm ²	10 kg. per cm ²
d	32 mm Dia	Each	--	--	6.60
e	40 mm Dia	Each	--	--	10.40
f	50 mm Dia	Each	--	--	14.30
F	Reducer				
a	20 mm x 15 mm	Each	--	--	4.40
b	25 mm x 20 mm	Each	--	--	4.90
c	32 mm x 25 mm	Each	--	--	7.70
d	40 mm x 32 mm	Each	--	--	10.40
e	50 mm x 40 mm	Each	--	--	17.60
G	Reducer Tee				
a	20 mm x 15 mm	Each	--	--	6.60
b	25 mm x 20 mm	Each	--	--	7.70
c	32 mm x 25 mm	Each	--	--	11.00
d	40 mm x 32 mm	Each	--	--	13.20
e	50 mm x 40 mm	Each	--	--	22.00
H	Reducer Elbow				
a	20 mm x 15 mm	Each	--	--	5.50
b	25 mm x 20 mm	Each	--	--	6.60
c	32 mm x 25 mm	Each	--	--	8.80
d	40 mm x 32 mm	Each	--	--	11.00
e	50 mm x 40 mm	Each	--	--	16.50
J	Jet Nipple				
a	25 mm Dia	Each	--	--	14.30
b	32 mm Dia	Each	--	--	18.70

Sl. No.	Description of Materials	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)	
			"O" Ring Jointing	By pasting
158	PVC SPECIALS FOR SANITARY ARRANGEMENTS FINOLEX (OR) EQUIVALENT (WITH ISI MONOGRAM)			
A	Elbow			
a	75 mm	Each	60.30	49.30
b	90 mm	Each	77.10	60.30
c	110 mm	Each	93.40	77.10
d	160 mm	Each	104.40	88.20
B	Door Elbow			
a	75 mm	Each	77.10	55.10
b	90 mm	Each	99.20	66.10
c	110 mm	Each	121.10	104.40
d	160 mm	Each	143.30	121.20
C	Tee			
a	75 mm	Each	82.40	77.10
b	90 mm	Each	104.40	93.40
c	110 mm	Each	137.50	126.50
d	160 mm	Each	154.30	137.50
D	Tee with Door (Single)			
a	75 mm	Each	104.40	99.20
b	90 mm	Each	126.50	110.00
c	110 mm	Each	159.60	148.50
d	160 mm	Each	192.60	176.40
E	Tee with Door (Double)			
a	75 mm	Each	132.30	126.50
b	90 mm	Each	181.60	165.30
c	110 mm	Each	220.50	209.40
d	160 mm	Each	253.50	225.00

Sl. No.	Description of Materials	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)	
			"O" Ring Jointing	By pasting
F	Bend			
a	75 mm	Each	66.10	55.10
b	90 mm	Each	82.40	66.10
c	110 mm	Each	99.20	82.40
d	160 mm	Each	110.20	93.40
G	"Y"			
a	75 mm	Each	88.20	82.40
b	90 mm	Each	110.20	99.20
c	110 mm	Each	143.30	132.30
d	160 mm	Each	159.60	143.30
H	"Y" with Door (single)			
a	75 mm	Each	104.40	99.20
b	90 mm	Each	132.30	115.50
c	110 mm	Each	176.40	154.30
d	160 mm	Each	203.70	181.60
I	"Y" with Door (Double)			
a	75 mm	Each	143.30	137.50
b	90 mm	Each	192.60	176.40
c	110 mm	Each	231.50	220.00
d	160 mm	Each	280.80	253.30
J	Double Tee with Door (Single)			
a	75 mm	Each	181.60	148.50
b	90 mm	Each	209.40	170.60
c	110 mm	Each	246.70	214.70
d	160 mm	Each	275.60	242.50
K	Double "Y" with Door (single)			
a	75 mm	Each	198.40	165.30



Sl. No.	Description of Materials	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)	
			"O" Ring Jointing	By pasting
b	90 mm	Each	220.50	187.40
c	110 mm	Each	253.50	236.70
d	160 mm	Each	308.70	275.60
L	Reducer			
a	75 mm x 63 mm	Each	60.30	49.30
b	110 mm x 63 mm	Each	77.10	66.10
c	110 mm x 75 mm	Each	88.20	77.10
d	110 mm x 90 mm	Each	99.20	88.20
f	160 mm x 110 mm	Each	115.50	110.00
M	Shoe			
a	110 mm dia	Each	--	66.10
b	160 mm dia	Each	--	99.20
N	Vent Cowl			
a	50 mm dia	Each	--	27.30
b	75 mm dia	Each	--	44.10
c	110 mm dia	Each	--	66.10
159	PVC AND HDPE PIPES FOR BORE WELLS			
A	Special Blue Pipes for Bore Well			
a	110 mm dia	RM	--	264.60
b	125 mm dia	RM	--	297.60
c	140 mm dia	RM	--	341.70
d	160 mm dia	RM	--	385.60
B	Special Blue Slotted Pipes for Bore Wells			
a	110 mm dia	RM	--	275.60
b	125 mm dia	RM	--	313.90
c	140 mm dia	RM	--	363.80
d	160 mm dia	RM	--	441.00

Sl. No.	Description of Materials	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)	
			"O" Ring Jointing	By pasting
C	End Cap for Bore Well			
a	110 mm dia	Each	--	82.40
b	125 mm dia	Each	--	88.20
c	140 mm dia	Each	--	99.20
d	160 mm dia	Each	--	110.20
D	HDPE PIPES FOR SUB-MERSIBLE PUMP IN BORE WELL Class-5 (1 MPa or 10 kg./cm2 pressure)			
a	20 mm dia	RM	--	27.30
b	25 mm dia	RM	--	49.30
c	32 mm dia	RM	--	66.10
d	40 mm dia	RM	--	93.40
e	50 mm dia	RM	--	132.30
	OTHER ITEMS :			
160	PVC screw down tap heavy type 20 mm dia	Each	--	71.00
161	PVC screw down tap heavy type 15 mm dia	Each	--	55.00
162	PVC Adhesive (solution)	100 gm	--	33.00
163	PVC low level flushing tank with all internal fittings (wall mounting type)			
a	White - 10 litre capacity	Set	--	826.00
b	White - 7.5 litre capacity	Set	--	633.00
c	Colour - 10 litre capacity	Set	--	937.00
d	Colour - 7.5 litre capacity	Set	--	743.00
164	PVC Water Tank	Litre	--	8.20


 for Engineer-in-Chief (Buildings) &
 Chief Engineer (Buildings), Chennai Region &
 Chief Engineer (General), PWD, Chennai-5
 30/04/12

**ANNEXURE-VI
NEW ITEMS TO BE ADDED**

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
1	NEW	Vitrified Tiles of size 600 x 600 x 8mm	sq.m.	900.00
2		Pre-polished concrete anti-skid step tiles of 20mm thick	sq.m.	483.00
3		Colour designed glazed tiles 300 x 200 x 6mm	Each	28.35
4		Squatting Urinal	Set	420.00
5		CI Brackets for fixing the sink	Set	105.00
6		Swan Neck Tap	Each	236.00
7		Brass Screws (30 x 6mm)	Each	2.10
8		Brass Screws (75 x 10mm)	Each	4.20
9		Special clamp, teak wood plugs and screws	Set	21.00
10		PVC clamp, teak wood plugs and screws	Set	8.40
11		Teak wood plug	Each	1.05
12		Teak wood plug (50 x 50 x 100mm)	Each	5.25
13		Manhole Cover 60 x 60cm (heavy duty) with frame	Each	1890.00
14		Welding charges		
a		50mm	Each	1.55
b		40mm	Each	1.25
15		Add for painting / tarring for Hex Nipple	Each	2.10
16		Labour charges for fixing cuddapah slab to cupboard	sqm	31.50
17	Hire charges for polishing machinery	Day	157.50	
18	Electricity charges	Unit	9.00	


 for Engineer-in-Chief (Buildings) &
 Chief Engineer (Buildings), Chennai Region &
 Chief Engineer (General), PWD, Chennai-5


ANNEXURE-VII

RATES OF ELECTRICAL ITEMS OF WORKS

Note: No extra on cost, conveyance charges shall be allowed for all the items included under this category. The rates approved therein are applicable at site of work.

Item No.	Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
	RATES FOR MATERIALS: ELECTRICAL LAMPS, FITTINGS AND CONNECTED ACCESSORIES.		
	PART - A		
1	INCANDESCENT BULBS 230V/250V GRADE BC/ES WITH ISI		
	a 15 Watts	Each	10.50
	b 25 Watts	Each	10.50
	c 40 Watts	Each	10.50
	d 60 Watts	Each	10.50
	e 100 Watts	Each	10.50
	f 200 Watts	Each	21.00
2	INCANDESCENT BULB 230V/250V GRADE B.C/E.S		
	Colour 15 Watts	Each	13.10
3	Blended Lamp 160 Watts	Each	254.00
3a	PLLAMP (PHILIPS / OSRAM)		
	a 9 Watts	Each	78.70
	b 11 Watts	Each	84.00
	c 18 Watts	Each	132.00
	d 36 Watts	Each	147.00
4	FLUORESCENT TUBULAR LAMPS WITH ISI MARK.		
	a Cool Day light 2 Ft.20 Watts	Each	39.90
	b Cool Day light 4 Ft.40 Watts	Each	39.90
	c Cool Day light 4 Ft.36 Watts	Each	38.80
5	MERCURY VAPOUR DISCHARGE LAMP 230V GRADE 3 PIN BC		
	a 80 Watts	Each	182.50

Item No.	Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
	b 125 Watts	Each	191.00
	c 250 Watts	Each	466.00
	d 400 Watts	Each	657.00
6	BOX TYPE SINGLE FLUORESCENT FITTING WITH COPPER CHOKE AND CONDENSOR COMPLETE WITH ISI MARK.		
	a 4. Ft 40 Watts with ballast.	Each	321.00
	b 4 Ft. 40 Watts Box type with Ballast. (Philips / Crompton / Wipro)	Each	472.00
7	BOX TYPE TWIN FLUORESCENT FITTING WITH COPPER CHOKE AND CONDENSOR (HPF) COMPLETE WITH ISI MARK.		
	a 4 Ft. 40 Watts	Each	603.00
	b 4 Ft. 40 Watts Box type of (Philips / Crompton) with Ballast.	Each	787.00
8	INDUSTRIAL TYPE FLUORESCENT FITTING STOVE ENAMELLED WITH COPPER CHOKE AND CONDENSOR (HPF) 4' 40 W		
	a Single type suitable for 1 No.tube	Each	890.00
	b Twin type suitable for 2 Nos. tube	Each	1100.00
9	DECORATIVE AND SINGLE FLUORESCENT TYPE FITTING WITH COPPER CHOKE & CONDENSOR (HPF) COMPLETE SUITABLE FOR ONE NUMBER FLUORESCENT TUBE WITH ISI MARK		
	a 4 Ft. 40 Watts with Perspex		
10	DECORATIVE TWIN FLUORESCENT TYPE FITTING WITH COPPER CHOKE & CONDENSOR COMPLETE SUITABLE FOR 2 NOS. FLUORESCENT TUBES		
	a 4' 40 W Twin Mirror optic Recessed mounting fitting.	Each	1530.00
	b 4' 40 W Twin Mirror optic Suspension type fitting. (Philips / Crompton / Wipro)	Each	2760.00
	c 4'40 W Twin Mirror optic Recessed mounting type Philips / Crompton / wipro.	Each	2025.00
11	SINGLE TYPE STREET LIGHT FLUORESCENT FITTING SUITABLE FOR THE ONE NO. FLUORESCENT TUBE WITH COPPER CHOKE & CONDENSOR COMPLETE		
	a 4 Ft. 40 Watts type	Each	674.00

Item No.	Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
12	TWIN TYPE STREET LIGHTS FLUORESCENT FITTING SUITABLE FOR 2 NOS. FLUORESCENT TUBES WITH COPPER CHOKE & CONDENSOR COMPLETE		
	a 4 Ft. 40 Watts type	Each	907.00
13	POST TOP LANTERN FITTING OF (INTEGRAL TYPE WITH COPPER CHOKE & CONDENSOR & NECESSARY ACCESSORIES (PHILIPS / CROMPTON GREAVES / WIPRO) (SPHERICAL / RIBBED / CONICAL ACRYLIC COVER)		
	a Suitable for 125 Watts M.V. Lamp	Each	3255.00
	b Suitable for 70 Watts S.V. Lamp	Each	3430.00
	c Post top lantern fitting with S.C. holder suitable for 160W blended lamp / incandescent lamp	Each	1875.00
14	STARTERS FOR FLUORESCENT TUBES		
	a Starters of capacity 20 Watts	Each	10.50
	b Starters of capacity 40 Watts	Each	10.50
15	POLYSTER FILLED COPPER CHOKE 250V / 50HZ GRADE SUITABLE FOR (Philips / Crompton / Wipro)		
	a 20 Watts fluorescent tube	Each	178.50
	b 40 Watts fluorescent tube	Each	178.50
	c 36 / 40W Electronic ballast for flu. Tube (Philips / Crompton)	Each	309.00
	d 36 / 40W Electronic ballast for flu. Tube (Indo Asean / Equivalent)	Each	252.00
16	CONDENSOR FOR S.V. / M.V. LAMP		
	a 8 Mfd for 80 Watts Bulb	Each	118.60
	b 10 Mfd for 125 Watts Bulb	Each	141.70
	c 15 Mfd for 250 Watts Bulb	Each	189.00
	d 20 Mfd for 400 Watts Bulb	Each	260.00
17	Battern type Bakelite Holder for lamp	Each	18.90
18	Water tight bulk head fitting suitable for 100 / 60 Watts lamp with guard heavy type (PHILIPS / BAJAJ / CROMPTON GREAVES)	Each	315.00
19	Ceiling Rose	Each	15.75

Item No.	Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
20	a Ceiling fixtures 250 / 300 mm complete with Gallery etc. Clear glass opac / crystal suitable for 40 / 60 Watts Bulb.	Each	186.00
	b. Ceiling luminaire with mirror optics suitable for 2 Nos. 9 watts / 11 watts (Philips / Crompton / Bajaj)	Each	1176.00
	(For Items 6 to 13, 20 & 22, the rates are exclusive of cost of tubes and lamps)		
21	Fan clamp (dia 12mm) with 6mm MS side plates & 45 cm cross arm	Each	126.00
22	CALL BELLS		
	a Call bell / Buzzer 6 mm suitable for AC / DC	Each	47.25
	b Push bell	Each	18.90
	c Gong bell 9" size suitable for 250V	Each	472.00
	d Gong bell 12" size suitable for 250V	Each	682.00
23	WATER HEATER WITH I.S.I MARK		
	a Automatic Electrical Water Heater with copper container, with Glass Wool / Puf insulation with MS powder coated shell suitable for 25 Litres capacity 230V / 1000W	Each	5250.00
	b Automatic Electrical Water Heater with copper container, with Glass Wool / Puf insulation with MS powder coated shell suitable for 25 Litres capacity 230V / 1000W (Venus / Racold)	Each	7085.00
	c Automatic Electrical Water Heater with copper container, with Glass Wool / Puf insulation with MS powder coated shell suitable for 35 Litres capacity 230V / 1000W	Each	6090.00
	d Automatic Electrical Water Heater with copper container, with Glass Wool / Puf insulation with MS powder coated shell suitable for 35 Litres capacity 230V / 1000W (Venus / Racold)	Each	8140.00
	PART "B"		
I	FANS - CONFORMING TO ISS 374 / 1979.		
	a A.C Ceiling fan complete 1200 mm (48") sweep with 300mm Down rod. (without regulator)	Each	1200.00
	b A.C Ceiling fan complete 1400 mm (56") sweep with 300mm Down rod. (without regulator)	Each	1290.00

Item No.	Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
c	Stepped electronic 300W / 450W square type fan regulator (Anchor Deluxe / Equivalent)	Each	204.00
d	Dimmer type electronic 300W / 450W square type fan regulator (Anchor Deluxe / Equivalent)	Each	163.00
e	A.C. Ceiling fan complete 1200mm (48") sweep with 300mm Down rod (without regulator) (Crompton make)	Each	1360.00
f	A.C. Ceiling fan complete 1400mm (56") sweep with 300mm Down rod (without regulator) (Crompton make)	Each	1470.00
II	EXHAUST FANS		
a	A.C Exhaust Fan 225mm (9") sweep (Light duty)	Each	1110.00
b	A.C Exhaust Fan 300mm (12") sweep (Light duty)	Each	1270.00
c	A.C Exhaust Fan 375mm (15") sweep (Light duty)	Each	1310.00
d	A.C Exhaust Fan 450mm (18") sweep (Light duty)	Each	1840.00
e	A.C Exhaust Fan 375mm (15") sweep (Heavy duty)	Each	2415.00
f	A.C Exhaust Fan 450mm (18") sweep (Heavy duty)	Each	3000.00
III	LOUVER SHUTTERS ARRANGEMENTS		
a	M.S / Fibre Louvers shutters arrangements for 300 mm A.C Exhaust Fan.	Each	252.00
b	M.S / Fibre Louvers shutters arrangements for 375 mm A.C Exhaust Fan.	Each	267.00
c	M.S / Fibre Louvers shutters arrangements for 450 mm A.C Exhaust Fan.	Each	299.00
	PART "C"		
I	SWITCHES		
a	5 Amps (flush type)	Dozen	194.00
b	5 Amps (Flush type staircase)	Dozen	241.00
II	DOUBLE POLE SWITCHES (GEM / HPL / HAVELLS / EQUIVALENT)		
a	16 Amps DP switch with metal clad (Front handle)	Each	433.00
b	32 Amps DP switch with metal clad (Front handle)	Each	890.00
c	16 Amps DP switch with metal clad (side handle).	Each	359.00
d	32 Amps DP switch with metal clad (side handle)	Each	808.00

Item No.		Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
III	A	TRIPLE POLE SWITCHES (side Handle) (Standard / HPL / Havell's / Equivalent)		
	a	100 Amps TPN Switch with HRC fuses sheet steel double break	Each	6090.00
	b	125 Amps TPN Switch with HRC fuses sheet steel double break	Each	6670.00
	c	200 Amps TPN Switch with HRC fuses sheet steel double break	Each	8610.00
	d	315 Amps TPN Switch with HRC fuses sheet steel double break	Each	12290.00
	e	400 Amps TPN Switch with HRC fuses sheet steel double break	Each	15750.00
	f	16 Amps TPN Metal clad switch with rewirable fuse units.	Each	924.00
	g	32 Amps TPN Metal clad switch with rewirable fuse units.	Each	1365.00
	h	63 Amps TPN Metal clad switch with rewirable fuse units.	Each	2980.00
	i	100 Amps Metal clad switch with rewirable fuse units.	Each	5850.00
	j	200 Amps metal clad switch with rewirable fuse units.	Each	8870.00
IV	A	SWITCH DISCONNECTOR FUSE UNITS IN SHEET STEEL ENCLOSURE (SDF) (L & T / SIEMENS)		
	1	63A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	3760.00
	2	100A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	6320.00
	3	125A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	7470.00
	4	200A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	9390.00
	5	250A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	11690.00
	6	315A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	14030.00
	7	400A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	16130.00

Item No.		Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
IV	B	SWITCH DISCONNECTOR FUSE UNITS IN OPEN EXECUTION (INTERIOR FOR CUBICAL) (L & T / SIEMENS)		
	1	63A TPN switch disconnecter fuse units interior only with HRC fuses Double break.	Each	2490.00
	2	100A TPN switch disconnecter fuse units interior only with HRC fuses Double break.	Each	4520.00
	3	125A TPN switch disconnecter fuse units interior only with HRC fuses Double break.	Each	6160.00
	4	200A TPN switch disconnecter fuse units interior only with HRC fuses Double break.	Each	7950.00
	5	250A TPN switch disconnecter fuse units interior only with HRC fuses Double break.	Each	10390.00
	6	315A TPN switch disconnecter fuse units interior only with HRC fuses Double break.	Each	13040.00
	7	400A TPN switch disconnecter fuse units interior only with HRC fuses Double break.	Each	15400.00
V		FUSE UNITS (Anchor / Equivalent)		
	a	16 Amps Porcelain Fuse unit (500V)	Each	50.00
	b	32 Amps Porcelain Fuse unit (500V)	Each	89.00
	c	63 Amps Porcelain Fuse unit (500V)	Each	199.00
	d	100Amps Porcelain Fuse unit (500V)	Each	357.00
	e	200 Amps Porcelain Fuse unit (500V)	Each	577.00
VI		SINGLE PHASE DBS (GEM / Equivalent)		
	a	4 Way DB 16 Amps / Way with fuse & Neutral each (250V)	Each	504.00
	b	6 Way DB 16 Amps / Way with fuse & Neutral each (250V)	Each	685.00
	c	8 Way DB 16 Amps / Way with fuse & Neutral each (250V)	Each	850.00
VII		THREE PHASE DBS (GEM / Equivalent)		
	a	4 Way TPDB 16A / Way with fuse & Neutral link	Each	1990.00
	b	6 Way TPDB 16A / Way with fuse & Neutral link	Each	2730.00
	c	8 Way TPDB 16A / Way with fuse & Neutral link	Each	3300.00

Item No.	Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
	d 4 Way TPDB 32A / Way with fuse & Neutral link	Each	2520.00
	e 6 Way TPDB 32A / Way with fuse & Neutral link	Each	3360.00
	f 8 Way TPDB 32A / Way with fuse & Neutral link	Each	4250.00
	g 4 Way TPDB 63A / Way with fuse & Neutral link	Each	5870.00
	h 6 Way TPDB 63A / Way with fuse & Neutral link	Each	7560.00
VIII	CHANGE OVER SWITCHES (GEM / HAVELL'S / HPL / STANDARD / EQUIVALENT)		
	a 16 Amps three phase 500V 4 pole Change over switch	Each	1310.00
	b 32 Amps three phase 500V 4 pole Change over switch	Each	1550.00
	c 63 Amps three phase 500V 4 pole Change over switch	Each	3380.00
	d 100 Amps three phase 500V 4 pole Change over switch	Each	5385.00
	e 200 Amps three phase 500V 4 pole Change over switch	Each	10130.00
	PART "D"		
I	a 5 Amps 3 pin & 2 pin combined flush type wall socket only.	Each	25.20
	b 5 Amps / 15 Amps 3 pin flush type wall socket only.	Each	56.70
	c 5 Amps 3 pin Top	Each	35.70
	d 15 Amps 3 pin Top	Each	50.40
	e 15 Amps Flush type switch	Each	58.80
	f 10 Amps M.C plug with 3 pin top	Each	189.00
	g 20 Amps M.C plug with 3 pin top	Each	215.00
II	A SINGLE PHASE WATT HOUR METERS (HPL / Equivalent)		
	a A.C single phase 230V / 250V / 50 HZ 5 Amps Watt Hour Meter.	Each	1000.00
	b A.C single phase 230V / 250V / 50 HZ 10 Amps Watt Hour Meter.	Each	1000.00
	c A.C single phase 230V / 250V / 50 HZ 20 Amps Watt Hour Meter.	Each	1000.00

Item No.		Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
II	B	THREE PHASE WATT HOUR METERS (Anchor / Equivalent)		
	a	A.C 3 phase 400V 50HZ unbalanced load 4 wire 10 Amps watt hour meter.	Each	2070.00
	b	A.C 3 phase 400V 50HZ unbalanced load 4 wire 25 Amps watt hour meter	Each	2070.00
	c	A.C 3 phase 400V 50HZ unbalanced load 4 wire 50 Amps watt hour meter	Each	2625.00
		PART "E"		
I		SERVICE CONNECTION ACCESSORIES L.T. 1100V PVC ALUMINIUM ARMoured UNDER GROUND CABLE WITH ISI MARK.		
	a	2 Core 6 sq.mm PVC armoured UG cable	Metre	88.50
	b	2 Core 10 sq.mm PVC armoured UG cable	Metre	108.00
	c	2 Core 16 sq.mm PVC armoured UG cable	Metre	117.00
	d	2 Core 25 sq.mm PVC armoured UG cable	Metre	133.00
	e	3 ¹ / ₂ Core 25 sq.mm PVC armoured UG cable	Metre	200.00
	f	3 ¹ / ₂ Core 35 sq.mm PVC armoured UG cable	Metre	236.00
	g	3 ¹ / ₂ Core 50 sq.mm PVC armoured UG cable	Metre	308.00
	h	3 ¹ / ₂ Core 70 sq.mm PVC armoured UG cable	Metre	394.00
	i	3 ¹ / ₂ Core 95 sq.mm PVC armoured UG cable	Metre	510.00
	j	3 ¹ / ₂ Core 120 sq.mm PVC armoured UG cable	Metre	625.00
	k	3 ¹ / ₂ Core 150 sq.mm PVC armoured UG cable	Metre	738.00
	l	3 ¹ / ₂ Core 185 sq.mm PVC armoured UG cable	Metre	904.00
	m	3 ¹ / ₂ Core 240 sq.mm PVC armoured UG cable	Metre	1145.00
	n	3 ¹ / ₂ Core 300 sq.mm PVC armoured UG cable	Metre	1400.00
	o	3 ¹ / ₂ Core 400 sq.mm PVC armoured UG cable	Metre	1795.00
	p	4 Core 6 sq.mm PVC armoured UG cable	Metre	115.00
	q	4 Core 10 sq.mm PVC armoured UG cable	Metre	126.00
	r	4 Core 16 sq.mm PVC armoured UG cable	Metre	166.00

Item No.	Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
II	PVC INSULATED SINGLE CORE MULTI STRAND FIRE RETARDANT FLEXIBLE COPPER CABLE WITH ISI MARK CONFORMING TO IS:694/1990.		
a	14 / 0.3 (1.0 sq.mm.)	Metre	8.15
b	22 / 0.3 (1.5 sq.mm.)	Metre	12.80
c	36 / 0.3 (2.5 sq.mm.)	Metre	19.90
d	56 / 0.3 (4 sq.mm.)	Metre	31.50
e	84 / 0.3 (6 sq.mm.)	Metre	46.60
f	140 / 0.3 (10 sq.mm.)	Metre	69.90
g	101 / 0.45 (16 sq.mm.)	Metre	114.50
h	168 / 0.45 (25 sq.mm.)	Metre	252.00
III	CONDUCTOR		
a	Hard drawn copper conductor (Gauge No. 8&6)	KG	472.00
b	14 SWG TC wire	KG	483.00
c	G.I.No.8 wire and No. 6 wire	KG	84.00
IV	CABLE GLANDS		
a	Cable gland suitable for 2 core 4sq.mm UG cable.	Each	17.80
b	Cable gland suitable for 2 core 6 sq.mm UG cable.	Each	22.00
c	Cable gland suitable for 2 core 10 sq.mm UG cable.	Each	26.20
d	Cable gland suitable for 2 core 16 sq.mm UG cable.	Each	38.80
e	Cable gland suitable for 2 core 25 sq.mm UG cable.	Each	46.20
f	Cable gland suitable for 3 ¹ / ₂ core 25 sq.mm UG cable.	Each	46.20
g	Cable gland suitable for 3 ¹ / ₂ core 35 sq.mm UG cable.	Each	58.80
h	Cable gland suitable for 3 ¹ / ₂ core 50 sq.mm UG cable.	Each	58.80
I	Cable gland suitable for 3 ¹ / ₂ core 70 sq.mm UG cable.	Each	72.40
j	Cable gland suitable for 3 ¹ / ₂ core 95 sq.mm UG cable.	Each	88.20
k	Cable gland suitable for 3 ¹ / ₂ core 120 sq.mm UG cable	Each	112.30
l	Cable gland suitable for 3 ¹ / ₂ core 150 sq.mm UG cable	Each	148.00
m	Cable gland suitable for 3 ¹ / ₂ core 185 sq.mm UG cable	Each	175.30
n	Cable gland suitable for 3 ¹ / ₂ core 240 sq.mm UG cable	Each	175.30

Item No.	Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
	o Cable gland suitable for 3 ¹ / ₂ core 300 sq.mm UG cable	Each	210.00
	p Cable gland suitable for 3 ¹ / ₂ core 400 sq.mm UG cable	Each	299.00
	q Cable gland suitable for 3 ¹ / ₂ core 500 sq.mm UG cable	Each	348.00
	r Cable gland suitable for 4 core 6 sq.mm UG cable	Each	22.00
	s Cable gland suitable for 4 core 10 sq.mm UG cable.	Each	26.20
	t Cable gland suitable for 4 core 25 sq.mm UG cable.	Each	46.20
V	FUSE WIRE (COPPER)		
	a 5 Amps fuse wire	KG	472.00
	b 10 Amps fuse wire	KG	472.00
	c 20 Amps fuse wire	KG	472.00
VI	NEUTRAL LINK 15 AMPS		
	a 4 Way Neutral link	Each	24.10
	b 6 Way Neutral link	Each	35.80
	c 8 Way Neutral link	Each	44.60
	d 12 Way Neutral link	Each	64.70
	PART "F"		
	M.S.BOX WITH PAINTING (16 SWG)		
	a M.S.Box of size (100 x 100 x 75 mm)	Each	46.20
	b M.S.Box of size (150 x 100 x 75 mm)	Each	64.00
	c M.S.Box of size (200 x 150 x 75 mm)	Each	103.90
	d M.S. Box complete with Lock & Key arrangements with painting of size (300 x 200 x 100mm)	Each	315.00
	PART "G"		
	MS ANGLES		
I	a 1 ¹ / ₂ "x1 ¹ / ₂ "x ¹ / ₄ " (37.5 x 37.5 x 6.24mm) (1M=3.25 kg)	KG	48.00
	b 1 ¹ / ₂ " x 1 ¹ / ₂ " x ¹ / ₂ " (37.5 x 37.5 x 12.5mm)	KG	48.00
	c 2" x 2" x ¹ / ₂ " (50 x 50 x 12.5mm)	KG	48.00
II	ALUMINIUM FLAT		
	a Aluminium Flat (1" x ¹ / ₄ ") (25 x 6.25mm)	KG	183.00

Item No.	Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
	b Aluminium Flat (1" x 1/8")	KG	183.00
III	COPPER FLAT		
	a Copper Flat (25 x 3mm)	KG	472.00
	b Copper Flat (25 x 6mm)	KG	472.00
	c Copper Flat (33 x 6mm)	KG	472.00
	d Copper Flat (50 x 6mm)	KG	472.00
IV	POWER CAPACITOR		
	a Power capacitor for power factor improvement with oil filled with discharge resistance 3 phase 415 / 440V 50 HZ conforming to ISS:2384 with ISI marking.	KVAR	346.00
	PART "H"		
I	CONDUIT MATERIALS 16 GAUGE.		
	a Conduit pipe 16mm (5/8") Heavy Gauge	Metre	31.50
	b Conduit pipe 19mm (3/4") Heavy Gauge	Metre	32.50
	c Conduit pipe 25mm (1") Heavy Gauge	Metre	39.90
	d Conduit pipe 32mm (1 1/4") Heavy Gauge	Metre	52.50
	e Conduit pipe 38mm (1 1/2") Heavy Gauge	Metre	61.90
II	CONDUIT TEE BENDS		
	a Conduit Tee bends 16mm (5/8")	Dozen	89.00
	b Conduit Tee bends 19mm (3/4")	Dozen	90.00
	c Conduit Tee bends 25mm (1")	Dozen	107.00
	d Conduit Tee bends 32mm (1 1/4")	Dozen	111.00
	e Conduit Tee bends 38mm (1 1/2")	Dozen	139.00
	f Conduit Tee bends 50mm (2")	Dozen	173.00
III	CONDUIT BENDS - 16 GAUGE		
	a Conduit solit bends 16mm (5/8")	Dozen	84.00
	b Conduit solit bends 19mm (3/4")	Dozen	94.00
	c Conduit solit bends 25mm (1")	Dozen	110.00
	d Conduit solit bends 32mm (1 1/4")	Dozen	130.00
	e Conduit solit bends 38mm (1 1/2")	Dozen	184.00

Item No.	Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
	f Conduit solit bends 50mm (2")	Dozen	225.00
IV	CONDUIT INSPECTION BEND-16 GAUGE		
	a Conduit Inspection bends 16mm (5/8")	Dozen	84.00
	b Conduit Inspection bends 19mm (3/4")	Dozen	87.00
	c Conduit Inspection bends 25mm (1")	Dozen	111.00
	d Conduit Inspection bends 32mm (1 ¹ / ₄ ")	Dozen	134.00
	e Conduit Inspection bends 38mm (1 ¹ / ₂ ")	Dozen	173.00
	f Conduit Inspection bends 50mm (2")	Dozen	196.00
	g Conduit Inspection bends 65mm (2 ¹ / ₂ ")	Dozen	252.00
	PART "I"		
I	P.V.C.(RIGID) PIPES (1.8MM THICK) WITH ISI		
	a P.V.C. rigid pipes 16mm (5/8")	Metre	13.60
	b P.V.C. rigid pipes 20mm (3/4")	Metre	19.50
	c P.V.C. rigid pipes 25mm (1")	Metre	28.90
	d P.V.C. rigid pipes 32mm (1 ¹ / ₄ ")	Metre	43.80
	e P.V.C. rigid pipes 40mm (1 ¹ / ₂ ")	Metre	62.30
	f P.V.C. rigid pipes 50mm (2")	Metre	93.40
II	P.V.C. RIGID BENDS		
	a P.V.C. rigid bends 16mm (5/8")	Each	3.15
	b P.V.C. rigid bends 20mm (3/4")	Each	3.15
	c P.V.C. rigid bends 25mm (1")	Each	4.30
	d P.V.C. rigid bends 32mm (1 ¹ / ₄ ")	Each	7.60
	e P.V.C. rigid bends 40mm (1 ¹ / ₂ ")	Each	18.90
	f P.V.C. rigid bends 50mm (2")	Each	23.00
III	P.V.C COUPLES		
	a P.V.C Couples 16mm (5/8")	Dozen	13.60
	b P.V.C Couples 19mm (3/4")	Dozen	13.60
	c P.V.C Couples 25mm (1")	Dozen	26.20
	d P.V.C Couples 32mm (1 ¹ / ₄ ")	Dozen	59.80

Item No.	Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
e	P.V.C Couples 38mm (1½")	Dozen	129.00
f	P.V.C Couples 50mm (2")	Dozen	135.00
IV	P.V.C. TEES		
a	P.V.C. Tees 16mm (5/8")	Dozen	13.60
b	P.V.C. Tees 19mm (3/4")	Dozen	15.70
c	P.V.C. Tees 25mm (1")	Dozen	19.90
d	P.V.C. Tees 32mm (1¼")	Dozen	89.20
e	P.V.C. Tees 38mm (1½")	Dozen	287.00
f	P.V.C. Tees 50mm (2")	Dozen	315.00
V	P.V.C. SADDLES	Dozen	
a	P.V.C. Saddles 16mm (5/8")	Dozen	3.15
b	P.V.C. Saddles 19mm (3/4")	Dozen	3.65
c	P.V.C. Saddles 25mm (1")	Dozen	4.20
d	P.V.C. Saddles 32mm (1¼")	Dozen	5.25
e	P.V.C. Saddles 38mm (1½")	Dozen	6.30
f	P.V.C. Saddles 50mm (2")		12.60
VI	P.V.C. JUNCTION BOXES		
a	Junction Boxes 1, 2, 3 & 4 way 16mm (5/8")	Dozen	42.00
b	Junction Boxes 1, 2, 3 & 4 way 19mm (3/4")	Dozen	42.00
c	Junction Boxes 1, 2, 3 & 4 way 25mm (1")	Dozen	49.30
d	Junction Boxes 1, 2, 3 & 4 way 32mm (1¼")	Dozen	110.00
e	Junction Boxes 1, 2, 3 & 4 way 38mm (1½")	Dozen	131.00
VII	P.V.C. HYLEM SHEETS		
a	Hylem sheet 3mm Thick	Sq.m	640.00
VIII	INSULATION TAPE P.V.C		
a	PVC Insulation Tape (19mm)	Roll/10 mt	15.70
b	Empire Tape (12mm)	Roll/10 mt	21.00
c	Empire Tape (19mm)	Roll/10 mt	25.20

Item No.	Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)	
	PART "J"			
	TEAK WOOD MATERIALS			
I	T.W. BOX CONCEALED TYPE			
	a T.W. Box concealed type 12" x 8" x 3"	Each	78.70	
	b T.W. Box concealed type 8" x 6" x 3"	Each	42.00	
	c T.W. Box concealed type 6" x 4" x 3"	Each	18.90	
	d T.W. Box concealed type 4" x 4" x 3"	Each	15.70	
	e T.W. Plugs 1 ¹ / ₂ " x 1" x 2"	1000 Nos.	325.00	
	f T.W. Round blocks	100 Nos.	630.00	
	PART " K"			
I	CRIMPING LUGS SUITABLE FOR THE FOLLOWING SIZES			
	Size		Aluminium	Copper
	a 4.0 Sq.mm	Each	1.45	4.20
	b 6.0 Sq.mm	Each	1.65	4.20
	c 10.0 Sq.mm	Each	2.10	5.25
	d 16.0 Sq.mm	Each	2.10	6.30
	e 25.0 Sq.mm	Each	3.15	10.50
	f 35.0 Sq.mm	Each	4.20	11.50
	g 50.0 Sq.mm	Each	6.30	13.60
	h 70.0 Sq.mm	Each	8.40	22.00
	j 95.0 Sq.mm	Each	9.45	27.30
	j 120.0 Sq.mm	Each	12.60	37.80
	k 150.0 Sq.mm	Each	16.80	48.30
	l 185.0 Sq.mm	Each	22.05	73.50
	m 225.0 Sq.mm	Each	32.55	105.00
	n 240.0 Sq.mm	Each	35.70	105.00
	o 300.0 Sq.mm	Each	49.35	141.70
	p 400.0 Sq.mm	Each	73.50	215.20

Item No.	Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)
II	CABLE ROUTE INDICATOR		
	a Cable route indicator for L.T. Cable	Each Box	73.50
	b Cable route indicator for H.T. Cable	Each Box	73.50
	PART "L"		
I	BRASS SCREWS		
	a Brass Screws (20mm) 3/4" No.6	Gross	68.20
	b Brass Screws (25mm) 1" No.6	Gross	73.50
	c Brass Screws (40mm) 1 1/2" No.6	Gross	78.70
	d Brass Screws (20mm) 3/4" No.8	Gross	68.20
	e Brass Screws (25mm) 1" No.8	Gross	73.50
	f Brass Screws (50mm) 2" No.10	Gross	152.00
	g Brass Screws (75mm) 3" No.10	Gross	225.00
II	Coach screws 2" x 1/4" (50 x 6.25mm)	Dozen	13.60
III	CONDUIT SADDLES		
	a Conduit Saddles 16mm (5/8")	Gross	42.00
	b Conduit Saddles 19mm (3/4")	Gross	44.60
	c Conduit Saddles 25mm (1")	Gross	52.50
	d Conduit Saddles 32mm (1 1/4")	Gross	68.20
	e Conduit Saddles 38mm (1 1/2")	Gross	84.00
	f Conduit Saddles 50mm (2")	Gross	94.50
	g Conduit Saddles 65mm (2 1/2")	Gross	108.00
IV	A SODIUM VAPOUR FITTINGS & LAMP (for External electrification & campus lighting)		
	a 250 Watts Sodium Vapour fittings	Each	3330.00
	b 250 Watts Sodium Vapour Lamp	Each	735.00
	c 150 Watts Sodium Vapour fittings	Each	3280.00
	d 150 Watts Sodium Vapour Lamp	Each	630.00
	e 70 Watts Sodium Vapour fittings	Each	2650.00
	f 70 Watts Sodium Vapour Lamp	Each	420.00

Item No.		Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)	
V	B	SODIUM VAPOUR LAMP FITTING SINGLE PIECE DIE CAST ALUMINIUM HOUSING AND LAMP FOR HEAVY TRAFFIC ROADS (PHILIPS / CROMPTON GREAVES / WIPRO / BAJAJ)			
	a	400 Watts Sodium Vapour fittings	Each	9970.00	
	b	400 Watts Sodium Vapour Lamp	Each	1030.00	
	c	250 Watts Sodium Vapour fittings	Each	6770.00	
	d	250 Watts Sodium Vapour lamp	Each	840.00	
	e	150 Watts Sodium Vapour fittings	Each	6360.00	
	f	150 Watts Sodium Vapour Lamp	Each	682.00	
	g	70 Watts Sodium Vapour fittings	Each	2730.00	
	h	70 Watts Sodium Vapour Lamp	Each	472.00	
VI		MINIATURE CIRCUIT BREAKERS 240 V / 415V 50 HZ - AC SUPPLY suitable for both lighting and Motor Circuits.		Legrand/ Hager	All other makes with ISI (Std.) / HPL / Havell's / Equivalent)
	a	Single Pole 6 A to 32A, 10KA	Each	193.00	141.00
	b	Single Pole 40A, 10KA	Each	393.00	294.00
	c	Single Pole & Neutral 6 A to 32A,10KA	Each	560.00	425.00
	d	Single Pole & Neutral 40A,10KA	Each	908.00	588.00
	e	Double Pole 6 A to 32A,10KA	Each	560.00	467.00
	f	Double Pole 40A,10KA	Each	908.00	640.00
	g	Triple Pole 6 A to 32A,10KA	Each	901.00	703.00
	h	Triple Pole 63A,10KA	Each	1390.00	1130.00
	I	Triple Pole & Neutral 6 A to 32A,10KA	Each	1195.00	918.00
	j	Triple Pole & Neutral 63A,10KA	Each	1790.00	1425.00
	k	Four Pole 6 A to 32A,10KA	Each	1195.00	981.00
	l	Four Pole 63A,10KA	Each	1790.00	1510.00

Item No.		Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)	
VII		PLUG AND SOCKETS IN SHEET STEEL ENCLOSURE WITHOUT M.C.B.S		Legrand (MDS) / Hager (L&T)	All other makes with ISI (Std.) / HPL / Havell's / Equivalent)
	a	10 A Single Pole	Each	928.00	555.00
	b	20 A Single Pole	Each	996.00	560.00
	c	20 A Double Pole	Each	1080.00	--
	d	20 A Triple Pole	Each	1835.00	1060.00
	e	32 A Triple Pole	Each	2175.00	1430.00
	f	63 A Triple Pole	Each	8830.00	--
VIII	1	RCCB / ELCB			
	a	10 Amps 30 MA DP	Each	2620.00	1925.00
	b	25 Amps 30 MA DP	Each	2170.00	1660.00
	c	40 Amps 30 MA DP	Each	2395.00	1760.00
	2	RCCB / ELCB			
		FOUR POLE			
	a	25 Amps 30 MA	Each	2975.00	2040.00
	b	40 Amps 30 MA	Each	3015.00	2090.00
	c	63 Amps 30 MA	Each	3480.00	2380.00
IX		HRC - FUSES			
	a	16 Amps	Each	58.80	31.50
	b	32 Amps	Each	60.90	52.50
	c	63 Amps	Each	126.00	66.00
	d	125 Amps	Each	294.00	147.00
	e	160 Amps	Each	367.00	198.00
	f	200 Amps	Each	378.00	198.00
	g	250 Amps	Each	525.00	292.00

Item No.		Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)	
X		MCB ISOLATORS		Legrand (MDS) / Hager (L&T)	All other makes with ISI (Std.) / HPL / Havell's / Equivalent)
A	a	32A - DP	Each	296.00	--
	b	32A - TP	Each	493.00	--
	c	32A - FP	Each	564.00	--
B	a	40A - DP	Each	408.00	283.00
	b	40A - TP	Each	707.00	519.00
	c	40A - FP	Each	914.00	633.00
C	a	63A - DP	Each	546.00	359.00
	b	63A - TP	Each	820.00	564.00
	c	63A - FP	Each	995.00	660.00
D	a	100A - DP	Each	--	463.00
	b	100A - TP	Each	655.00	737.00
	c	100A - FP	Each	1050.00	806.00
XI		HORIZONTAL THREE PHASE DISTRIBUTION BOARD WITH MCBS 4 way / 6 way / 8 way / 12 way TPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single / three phase MCB outgoings and separate 4 way provision for accommodating One No. 4 pole incoming MCB / Isolator and another separate 4 way provision for accommodating One No. 4 pole ELCB / RCD with label holder and provisions for taking up cable for size not less than 35 sq.mm.		Legrand (MDS) / Hager (L&T)	All other makes with ISI (Std.) / HPL / Havell's / Equivalent)
	I	Module type with IP 20 protection			
	a	4 ways 3 phase DB No. of ways in comer MCB / Isolator - 4 No. of ways in comer ELCB / RCD - 4 No. of outgoings ways - 12	Each	1750.00	1100.00
	b	6 ways 3 phase DB No. of ways in comer MCB / Isolator - 4 No. of ways in comer ELCB / RCD - 4 No. of outgoings ways - 18	Each	2170.00	1380.00
	c	8 ways 3 phase DB No. of ways in comer MCB / Isolator - 4 No. of ways in comer ELCB / RCD - 4 No. of outgoings ways - 24	Each	2580.00	1670.00


Item No.	Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)	
d	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	3850.00	2280.00
II	TPMCB DB with metal door cover with IP 42 protection			
a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	2370.00	1880.00
b	6 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 18	Each	2920.00	2380.00
c	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	3500.00	2910.00
d	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	5170.00	3950.00
III	TPMCB DB with acrylic door cover with IP42 protection			
a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	2760.00	--
b	6 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 18	Each	3390.00	--
c	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	4040.00	--
d	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	6150.00	--
IV	Industrial type TPMCB DB with IP 54 protection			
a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	6680.00	--
b	6 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 18	Each	8040.00	--

Item No.	Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)	
	c 8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	8790.00	--
	d 12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	12200.00	--
XII	VERTICAL THREE PHASE DISTRIBUTION BOARD WITH MCBS 4 way / 8 way / 12 way vertical TPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single / three phase MCB outgoing and separate 4 way provision for accommodating One No. 4 pole incoming MCB / Isolator and another separate 4 way provision for accommodating One No. 4 pole ELCB / RCD with label holder and provisions for taking up cable for size not less than 35 sq.mm.		Legrand (MDS) / Hager (L&T)	All other makes with ISI (Std.) / HPL / Havell's / Equivalent)
	I Module type with IP 20 protection			
	a 4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	4880.00	3550.00
	b 8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	6020.00	4750.00
	c 12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	8760.00	5800.00
	II TPMCB DB with metal door cover with IP 42 protection			
	a 4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	5660.00	4650.00
	b 8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	7170.00	5720.00
	c 12 ways 3 phase DB No. of ways incomer MCB/Isolatore - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	9600.00	7030.00
	III TPMCB DB with acrylic door cover with IP42 protection			
	a 4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	6830.00	--

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b	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	8690.00	--
c	12 ways 3 phase DB No. of ways incomer MCB/Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	11550.00	--
IV	Industrial type TPMCB DB with IP 54 protection			
a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	10600.00	--
b	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	12750.00	--
c	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	17180.00	--
XIII	7 SEGMENTS (3 TIER) 3 PHASE DISTRIBUTION BOARD WITH MCB 4 way / 6 way / 8 way / 12 way TPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single / three phase MCB outgoing and separate 4 way provision for accommodating One No. 4 pole incoming MCB / Isolator and another separate 4 way provision for accommodating One No. 4 pole ELCB / RCD (totally 8 ways in one segment) (3 x 4 ways in each segment) and separate provisions for MCB / Isolator (totally 12 Nos.) for sub incomers in 3 segments with label holder and provisions for taking up cable for size not less than 35 sq.mm.		Legrand (MDS) / Hager (L&T)	All other makes with ISI (Std.) / HPL / Havell's / Equivalent)
I	Module type with IP 20 protection			
a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of sub-incomers - 12 No. of outgoing ways - 12	Each	5260.00	--
b	6 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of sub-incomers - 12 No. of outgoing ways - 18	Each	5640.00	--

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c	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of sub-incomers - 12 No. of outgoing ways - 24	Each	5990.00	--
d	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of sub-incomers - 12 No. of outgoing ways - 36	Each	6900.00	--
II	TPMCB DB with metal / acrylic door cover with IP 42 protection			
a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of sub-incomers - 12 No. of outgoing ways - 12	Each	5590.00	--
b	6 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of sub-incomers - 12 No. of outgoing ways - 18	Each	6300.00	--
c	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of sub-incomers - 12 No. of outgoing ways - 24	Each	7030.00	--
d	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of sub-incomers - 12 No. of outgoing ways - 36	Each	8940.00	--
XIV	SINGLE PHASE DISTRIBUTION BOARD WITH MCBs 4 way / 8 way / 12 way vertical SPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single phase MCB outgoing and separate 2 way provision for accommodating One No. 2 pole incoming MCB / Isolator and another separate 2 way provision for accommodating One No. 2 pole ELCB / RCD with label holder and provisions for taking up cable for size not less than 35 sq. mm.			
I	Module type with IP 20 protection			
a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 4	Each	642.00	349.00
b	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 8	Each	804.00	444.00

Item No.	Details	Per	Rate approved for the year 2012-2013 (w.e.f. 01.05.2012)	
c	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 12	Each	951.00	604.00
II	SPMCB DB with metal door cover with IP 42 protection			
a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 4	Each	935.00	610.00
b	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 8	Each	1165.00	834.00
c	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 12	Each	1400.00	1075.00
III	SPMCB DB with acrylic door cover with IP42 protection			
a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 4	Each	1100.00	--
b	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 8	Each	1300.00	--
c	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 12	Each	1580.00	--
IV	Industrial type TPMCB DB with IP 54 protection			
a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 4	Each	2800.00	--
b	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 8	Each	3290.00	--
c	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 12	Each	3790.00	--


 for Engineer-in-Chief (Buildings) &
 Chief Engineer (Buildings), Chennai Region &
 Chief Engineer (General), PWD, Chennai-5
 30/04/12