

**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

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

2013-2014

[WITH EFFECT FROM 01.06.2013]



**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) / 64503 / 2012-1, dated 31.05.2013

Sub: Public Works Department – **Standard Schedule of Rates for the year 2013-2014** for adoption in preparation of estimates with effect from **01.06.2013** – Approved – Communication of – Regarding.

Ref: Engineer-in-Chief (Buildings) & Chief Engineer (Buildings), Chennai Region & Chief Engineer (General), PWD, Chennai-5, Proceedings No. HDO (A) / 24614 / 2012-1, dated 30.04.2012.



The Standard Schedule of Rates, Cost of Cement and Cost of Steel approved for the year **2013-2014** by the Schedule of Rates Committee for adoption in the preparation of estimates **with effect from 01.06.2013** are herewith enclosed for taking necessary action.

2.0. The receipt of Standard Schedule of Rates for the year 2013-2014 along with its enclosures may be acknowledged.

Encl.:

Standard Schedule of Rates, 2013-14-1 Booklet

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

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 (Budget), 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 2013-2014 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 (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) / 64503 / 2012-2, dated 31.05.2013

Sub: Steel - Revised rate for **STEEL** for adoption in the preparation of estimates during the year 2013-2014 with effect from **01.06.2013** - Approved - Communication of - Regarding.

Ref: Engineer-in-Chief (Buildings) & Chief Engineer (Buildings), Chennai Region & Chief Engineer (General), PWD, Chennai-5, Proceedings No. HDO (A) / 24614 / 2011-2, dated 30.06.2012.

■ ■ ■

The cost of **STEEL** approved by the Schedule of Rates Committee for adoption in the preparation of estimates during the year 2013-2014 **with effect from 01.06.2013** 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.

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

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 (Budget), 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.

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.

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.

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



**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) / 64503 / 2012-3, dated 31.05.2013

Sub: Cement - Revised rate for **CEMENT** for adoption in the preparation of estimates during the year 2013-2014 with effect from **01.06.2013** - Approved - Communication of - Regarding.

Ref: Engineer-in-Chief (Buildings) & Chief Engineer (Buildings), Chennai Region & Chief Engineer (General), PWD, Chennai-5, Proceedings No. HDO (A) / 24614 / 2012-3, dated 30.06.2012.



The cost of **CEMENT** approved by the Schedule of Rates Committee for adoption in the preparation of estimates during the year 2013-2014 **with effect from 01.06.2013** is given below:

Cement : Rs.5,500/- per MT

(Rupees Five Thousand and Five 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.

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

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 (Budget), 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.

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.

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.

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

**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

STANDARD SCHEDULE OF RATES FOR THE YEAR 2013-2014

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.


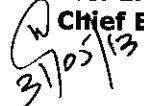
7. DAM SITES UNDER HANGING CONDITION (Other than Periyar Dam Site):

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.

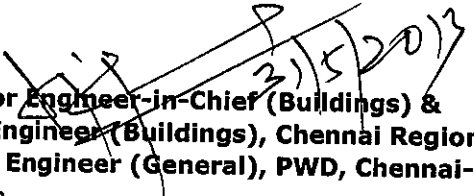
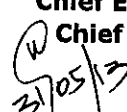

for Engineer-in-Chief (Buildings) &
Chief Engineer (Buildings), Chennai Region &
Chief Engineer (General), PWD, Chennai-5


**STATEMENT SHOWING THE EXTRA PERCENTAGE ALLOWABLE
AS PER GENERAL NOTE TO SCHEDULE OF RATES FOR THE YEAR 2013-2014
(with effect from 01.06.2013)**

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, Chennai 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%	-	-	-	-
ix	For works at Periyar Dam Site under hanging condition	150%	-	-	-	-

Sl. No.	Area	Percentage extra allowable on				
		Labour	Material	Rate of work (where human labour involved)	Conveyance	Head load
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%
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%

Sl. No.	Area	Percentage extra allowable on				
		Labour	Material	Rate of work (where human labour involved)	Conveyance	Head load
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%	-	-	-	-


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


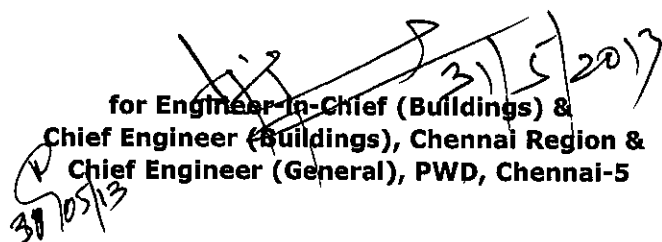
ANNEXURE-I
RATES OF LABOUR

Sl. No.	Sch. Item No.	Description of Labour	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
1	2	Axe Mazdoor	Day	213.00
2	4	Blacksmith - I Class	Day	281.00
3	4A	Blacksmith - II Class	Day	258.00
4	5	Boat Mazdoor	Day	236.00
5	8	Bullocks pair with driver (with bandy)	Day	420.00
6	8A	Bullocks single with driver (with bandy)	Day	303.00
7	11	Carpenter - I Class	Day	355.00
8	12	Carpenter - II Class	Day	326.00
9	13	Caulker	Day	236.00
10	15	Cleaner - First Grade	Day	191.00
11	15A	Cleaner - Second Grade	Day	180.00
12	18	Ferry Mazdoor	Day	236.00
13	19	Fitter - I Class	Day	322.00
14	19A	Fitter II Class	Day	300.00
15	20	Fitter (Pipe Laying / Bar bending) - I Class	Day	316.00
16	20A	Fitter (Pipe Laying / Bar bending) - II Class	Day	293.00
17	21	Floor Polisher	Day	281.00
18	22	Gardener	Day	213.00
19	25	Hammer Mazdoor	Day	226.00
20	26	Head Mazdoor for Well Sinking	Day	236.00
21	27	Driver (Light Duty)	Day	281.00
22	27A	Driver (Heavy Duty)	Day	300.00
23	28	Jumper Mazdoor	Day	213.00
24	36	Maistry, Road Inspector & Work Inspector	Day	271.00
25	36A	Maistry, Road Inspector & Work Inspector (Degree Holder)	Day	300.00
26	37	Mason for Brick Work-I Class	Day	363.00
27	37A	Mason for Brick Work-II Class	Day	326.00
28	38	Mason for Stone Work-I Class	Day	363.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
29	38A	Mason for Stone Work-II Class	Day	326.00
30	39A	Mazdoor Category-I	Day	228.00
31	39B	Mazdoor Category-II	Day	206.00
32	39C	Head Mazdoor	Day	236.00
33	40	Mechanic - I Class	Day	281.00
34	40A	Mechanic - II Class	Day	258.00
35	42	Mopla - I Class	Day	280.00
36	42A	Mopla - II Class	Day	258.00
37	43	Navagonies or Javali Man I Class	Day	236.00
38	44	Painter / Varnisher - I Class	Day	293.00
39	44A	Painter / Varnisher - II Class	Day	271.00
40	46	Pile Driver	Day	258.00
41	47	Plumber I Class	Day	316.00
42	47A	Plumber II Class	Day	293.00
43	48	Pump Driver	Day	236.00
44	52	Sawyer	Day	258.00
45	54	Smith I Class	Day	280.00
46	54A	Smith II Class	Day	258.00
47	55	Sprayer Mazdoor (for bitumen, tar etc.)	Day	213.00
48	56	Stone Cutter - I Class	Day	280.00
49	56A	Stone Cutter - II Class	Day	258.00
50	58	Syrang - I Class	Day	280.00
51	58A	Syrang - II Class	Day	258.00
52	60	Thatcher	Day	226.00
53	62	Tinker - I Class	Day	226.00
54	62A	Tinker - II Class	Day	213.00
55	63	Turner - I Class	Day	258.00
56	63A	Turner - II Class	Day	236.00
57	64	Time Keeper I Class	Day	280.00
58	64A	Time Keeper II Class	Day	258.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
59	67	Welder / Bracer - I Class	Day	280.00
60	67A	Welder / Bracer - II Class	Day	258.00
61	68	Well Diver for removing silt - I Class	Day	280.00
62	68A	Well Diver for removing silt - II Class	Day	258.00
63	69	Well Sinker - I Class	Day	316.00
64	69A	Well Sinker - II Class	Day	293.00
65	70	Well Sinking Diver working with Helmet (above two metres depth of water)	Day	326.00
66	72	Wodder	Day	236.00
		Technical Assistant		
67	76A	Technical Assistant - Grade I (B.E.Passed)	Day	467.00
68	76B	Technical Assistant - Grade II (Diploma in Engg. Passed / B.E. Failed / Degree in Geology for Ground water works)	Day	420.00
69	76C	Technical Assistant - Grade III (Diploma in Engg. Failed / ITI (civil) Passed)	Day	355.00
70	76D	Cinema Operator (ITI Passed)	Day	293.00
71	76E	B.Sc., (Agriculture) Passed	Day	420.00
72	77A	Laboratory Assistant - Grade I (Post Graduate in Science)	Day	355.00
73	77B	Laboratory Assistant - Grade II (Degree in Science / Degree in Geology for Ground water)	Day	326.00
74	77C	Laboratory Assistant-Grade III (With Degree Qualification to work as works clerk)	Day	293.00
75	78A	Mazdoor employed for Geological mapping	Day	228.00
76	78B	Mazdoor employed for Pitting, Trenching, Sampling & Drilling works	Day	228.00
77	78C	Mazdoor employed for Geophysical investigation works	Day	228.00
78	78D	Head Mazdoor to Supervise exploratory works	Day	241.00
79	79	Mixer Operator (including concrete mixer)	Day	248.00
80	80	Mixer Driver	Day	236.00
81	81	Compressor Operator	Day	248.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
82	89A	Computer Operator Grade I [B.E. (Computer Science) / M.Sc., (Computer Science)]	Day	467.00
83	89B	Computer Operator Grade II [B.Sc. (Computer Science) / Diploma in Computer Science]	Day	420.00
84	90A	Irrigation Community Organaiser Grade-I [B.E. (Agri) Passed / B.Sc. (Agri) Passed / P.G. (Geology) & Rural Development]	Day	450.00
85	90B	Irrigation Community Organaiser Grade-II [B.E. (Agri) Failed / B.Sc. (Agri) Failed / Diploma in Agri. Passed]	Day	375.00
86	95	Heatmaster Operator	Day	236.00
87	96	Raker	Day	236.00
88	97	Geological Assistant	Day	346.00
89	98	Stone & Crusher Operator	Day	248.00
90	99	Heavy Mazdoor	Day	248.00
		Electrical Workers		
91	100	Wireman Grade-I / Electrician Grade-I	Day	317.00
92	101	Wireman Grade-II / Electrician Grade-II	Day	300.00
93	102	Electrical Helper	Day	226.00
94	103	Lift Operator	Day	271.00
95	104	Laboratory Attendant	Day	202.00
96	105	Sound Service Operator	Day	226.00
97	106	Electrical Maistry	Day	346.00


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

ANNEXURE-II

RATES OF MATERIALS

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
		A. BRICKS AND TILE PRODUCTS		
	1	Second Class Table Moulded Chamber Burnt Bricks		
1	a	9" x 4 ¹ / ₂ " x 3"	1000 Nos.	5500.00
2	b	9" x 4 ³ / ₈ " x 2 ³ / ₄ "	1000 Nos.	5290.00
	2	Second Class Ground Moulded Chamber Burnt Bricks		
3	a	9" x 4 ¹ / ₂ " x 3"	1000 Nos.	4740.00
4	b	9" x 4 ³ / ₈ " x 2 ³ / ₄ "	1000 Nos.	4600.00
	3	Third Class Country Brick Kiln Burnt		
5	a	8 ³ / ₄ " x 4 ¹ / ₄ " x 2 ³ / ₄ "	1000 Nos.	3985.00
6	b	8 ³ / ₄ " x 4 ¹ / ₄ " x 2 ¹ / ₄ "	1000 Nos.	3140.00
7	c	8 ³ / ₄ " x 4 ¹ / ₄ " x 2"	1000 Nos.	3005.00
	3A	Fly Ash Bricks		
8	a	230 x 110 x 70mm	1000 Nos.	4600.00
	b	230 x 110 x 75mm	1000 Nos.	4740.00
	4	Specially moulded country brick for well steining		
9	a	8 ³ / ₄ " x 4 ¹ / ₄ " x 2"	1000 Nos.	1770.00
10	b	Perforated bricks 19 x 9 x 9cm	1000 Nos.	2695.00
11	c	Terrace bricks 15 x 7.5 x 2.5cm	1000 Nos.	693.00
	8	Flat Tiles		
12	a	15cm x 15cm x 12mm	1000 Nos.	652.00
13	b	15cm x 15cm x 20mm	1000 Nos.	773.00
	10	Brick Jelly		
14	a	40mm size	cum.	495.00
15	b	20mm size	cum.	550.00
	11	Pressed Tiles		
16	a	20 x 20 x 2cm	1000 Nos.	8710.00
17	b	23 x 23 x 2cm	1000 Nos.	12340.00
	12	Pan Tiles		

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
18	a	23cm x 8cm x 1.7cm	1000 Nos.	339.00
19	b	16.5cm x 8cm x 1.7cm	1000 Nos.	282.00
	13	Best Mangalore Tiles		
20	a	I Class 'A'	1000 Nos.	8145.00
21	b	Class 'AA'	1000 Nos.	8295.00
22	c	Best Mangalore Ridge Tiles	1000 Nos.	23790.00
23	d	Best Mangalore Ceiling Tiles	1000 Nos.	5000.00
24	e	Best Mangalore Glass Roofing Tiles	Each	236.00
25	f	Best Mangalore Ventilating Tiles (Single)	Each	35.75
26	g	Best Mangalore Ventilating Tiles (Double)	Each	44.80
	23A	Mosaic Flooring Tiles (Grey)		
27	a	Mosaic (Grey) Tile 25 x 25 x 2cm	1000 Nos.	10980.00
28	b	Mosaic (Grey) Tile 20 x 20 x 2cm	1000 Nos.	6995.00
	23C	Mosaic (other Colour)		
29	a	Mosaic (other colour) Tile 25 x 25 x 2cm	1000 Nos.	15100.00
30	b	Mosaic (other colour) Tile 20 x 20 x 2cm	1000 Nos.	8925.00
31	c	Mosaic (Green) Tile 20 x 20 x 2cm	1000 Nos.	10980.00
32	d	Mosaic (Green) Tile 25 x 25 x 2cm	1000 Nos.	17175.00
33	24	Mosaic Chequered tile Grey colour size 25 x 25 x 2 cm	1000 Nos.	13730.00
		B. STONE AND ROAD MATERIALS		
34	27	Rough stone for masonry works (Hard Granite)	cum.	332.00
35	28	Rough stone for revetment works	cum.	288.00
36	29	Jeddy size for Revetment (Hard Granite)	cum.	317.00
37	29a	Cut stone pillar of size 0.15 x 0.15 x 2.1M	Each	124.00
38	30	From boulders without blasting for revetment	cum.	85.25
39	30a	From boulders without blasting for masonry	cum.	111.00
40	32	Course Rubble stone for masonry works	cum.	266.00
41	33	Course Rubble stone for Arch works	cum.	288.00
42	33 (A) I	Chisel dressed stone 70cm x 30cm x 29cm	Each	132.00

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
43	II	Chisel dressed stone 37cm x 30cm x 29cm	Each	119.00
44	(B)	Hammer dressed stone 37cm x 30cm x 29cm	Each	92.00
45	34	Cutstone fully dressed to size on all faces	cum.	4735.00
46	35	Cut stone Roughly dressed	cum.	3265.00
47	36	Ashlar arch stone fully dressed to size all faces	cum.	3600.00
48	38	Flooring stone SS Size (Not less than 10cm thick)	sqm.	265.00
49	39 a	Stone slab for culvert (3 faces one line dressed) Above 1.2m	cum.	3435.00
50	b	Stone slab for culvert (3 faces one line dressed) Upto 1.2m	cum.	3115.00
51	40	Stone slab for culvert (3 faces two line dressed)	cum.	3830.00
52	41	For Lintel coping (3 faces two line dressed)	cum.	3830.00
53	42	Bond Stones	cum.	455.00
54	43 a	Kilometre stone 1.65 x 0.45 x 0.15m	Each	328.00
55	44 a	Hecta metre stone 0.9x0.1x0.1m	Each	92.00
56	b	Hecta metre stone 0.75x0.23x0.1m	Each	170.00
57	c	Hecta metre stone 0.9x0.15x0.15m	Each	165.00
58	45 a	Demarcation Stone (two line dressed for top 30 cm) 75 x 15 x 15 cm	Each	69.00
59	b	Demarcation Stone (two line dressed for top 30 cm) 90 x 23 x 23 cm	Each	88.50
60	c	Demarcation Stone (two line dressed for top 30 cm) 75 x 23 x 23 cm	Each	81.95
61	d	Demarcation Stone (two line dressed for top 30 cm) 90 x 15 x 15 cm	Each	75.90
62	e	Demarcation Stone with letter cut 75 x 15 x 15cm	Each	92.40
63	f	Edge Stone 45 x 15 x 15 cm	Each	42.35
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	106.00
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	77.00
66	46 a	Guard Stone (Two line dressed for 45 cm) 23cm dia 1.0m long	Each	122.00

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
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	130.00
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	122.00
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	85.25
70	e	Guard Stone 23cm dia 0.90m long	Each	63.25
	48	Hard Broken Granite Stone Jelly (I.S.S.) Machine crushed / Hand broken		
71	i	HBGS Jelly 90 mm size	cum.	319.00
72	ii	HBGS Jelly 80 mm size	cum.	358.00
73	iii	HBGS Jelly 63 mm size	cum.	412.00
74	iv	HBGS Jelly 50 mm size	cum.	478.00
75	v	HBGS Jelly 40 mm size	cum.	742.00
76	vi	HBGS Jelly 25 mm size	cum.	638.00
77	vii	HBGS Jelly 20 mm size	cum.	1034.00
78	viii	HBGS Jelly 12 mm size	cum.	958.00
79	ix	HBGS Jelly 10 mm size	cum.	705.00
80	x	HBGS Jelly 6 mm size	cum.	478.00
81	xi	HBGS Jelly 3 mm size	cum.	431.00
82	49 b	Quartz metal		
a	i	Quartz metal 50 mm	cum.	72.60
b	ii	Quartz metal 40 mm	cum.	73.70
83	51	Soft Broken Stone		
a	i	Soft Broken Stone 63mm size	cum.	56.00
b	ii	Soft Broken Stone 40mm size	cum.	62.70
84	52	Laterite 40 to 75mm size	cum.	72.60
85	53	Kankar 40 to 75mm size	cum.	72.60
86	54	Soling stones unblasted 15cm cube	cum.	84.70
87	54a	Soling stones blasted 15cm cube	cum.	138.60

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
88	57	Gravel	cum.	130.00
89	57A	Well Gravel	cum.	107.80
90	57B	Screened Kankar Gravel	cum.	79.20
91	58	Quarry Rubbish	cum.	72.60
92	58A	Stone Dust	cum.	92.40
93	58B	Pond Ash (wet / dry)	cum.	71.50
94	58C	Crushed Stone Sand	cum.	367.00
95	59	Sand for Mortar	cum.	110.00
96	60	Sand for Filling	cum.	110.00
97	62	Clay for Puddle & Masonry	cum.	28.60
98	63 (i)	Cuddapah Slab 50mm Thick	sqm.	342.00
99	ii	Cuddapah Slab 38 / 40mm Thick	sqm.	330.00
100	iii	Cuddapah Slab 20 / 30mm Thick	sqm.	304.00
		C. LIME		
101	66	Shell lime (Slaked & Screened)	cum.	1180.00
102	67	Freshly Slaked & Screened Burnt Lime Stone	cum.	869.00
103	68	Stone Lime or Lime Metal	cum.	77.00
		D. Timber and Roofing Materials		
104	71	TW Scantlings (over 3m for joist and rafters) - Malabar	cum.	97400.00
105	72	TW Scantlings (for Tiebeams and principal rafters) - Malabar	cum.	95830.00
106	73	TW Scantlings (over 2m & below 3m in length) - Malabar	cum.	93290.00
107	74	TW Scantling (below 2m in length) - Malabar	cum.	83000.00
108	75 (i)	TW Planks (Over 45cm wide & 12mm Thick)	cum.	102850.00
109	ii	TW Planks (30 - 45cm wide & 12mm Thick)	cum.	95460.00
110	iii	TW Planks (30 - 45cm wide & 12 - 25 mm Thick)	cum.	89400.00
111	iv	TW Planks (30 - 45cm wide & 25 - 40 mm Thick)	cum.	85780.00
112	v	TW Planks (15 - 30cm wide & 12mm Thick)	cum.	83490.00
113	vi	TW Scantling (15 - 30cm wide & 12-25mm Thick)	cum.	79370.00
114	vii	TW Planks (15 - 30cm wide & 25- 40mm Thick)	cum.	77800.00

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
115	viii	TW Planks (Upto 15cm wide & 12mm Thick)	cum.	76350.00
116	ix	TW Planks (Upto 15cm wide & 12-25mm Thick)	cum.	76350.00
117	xiii	TW Planks (Upto 15cm wide & 25-40mm Thick)	cum.	72110.00
	76	Teak wood Reepers		
118	i	TW Reepers 50 x 25mm	RM	63.80
119	ii	TW Reepers 50 x 12mm	RM	51.70
	77	Country Wood Scantling		
120	i	CW Scantling (upto 4m in length)	cum.	28790.00
121	ii	CW Scantling (over 4m in length)	cum.	30250.00
122	77A	CW Scantling (for tie beams & principal rafters for trusses)	cum.	30250.00
123	77B	Jack wood Scantlings (upto 4 m)	cum.	31700.00
124	77D	Silver oak Scantlings	cum.	13060.00
	78	Country Wood Planks		
125	i	CW Planks (upto 30cm wide-40mm thick)	cum.	33030.00
126	ii	CW Planks (upto 30cm wide-25mm thick)	cum.	33030.00
127	iii	CW Planks (over 30cm wide-40mm thick)	cum.	33030.00
128	iv	CW Planks (over 30cm wide-25mm thick)	cum.	33030.00
129	78A	JW Planks (25mm-40mm thick)	cum.	34600.00
130	78B	Silver Oak Plank (40mm thick)	cum.	14880.00
131	78C	Bluegum Plank	cum.	15240.00
	79	Country Wood Reepers		
132	i	CW Reepers (50 x 25mm)	RM	29.00
133	ii	CW Reepers (50 x 12mm)	RM	21.10
134	80	Mango plank	cum.	14150.00
135	81	Palmyrah rafter (50 - 60mm wide & 125mm depth)	RM	41.65
136	a	Palmyrah Leaves	100 Nos.	215.30
137	b	Palmyrah Leaves (Labour for cutting)	100 Nos.	33.85
	90	Casurina poles		
138	a	Casurina poles 13cm - 15cm dia	RM	27.80
139	b	Casurina poles 10cm - 13cm dia	RM	21.10

Sl. No.	Sch. Item No.	Description of Materials	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
140	c	Casurina poles 8cm - 10cm dia	RM	16.25
141	d	Casurina poles 5cm - 8cm dia	RM	13.85
	90.1	Eucalyptus Poles		
142	a	13cm to 15cm dia	RM	27.80
143	b	10cm to 13cm dia	RM	19.90
144	c	8cm to 10cm dia	RM	16.25
145	d	5cm to 8cm dia	RM	13.85
146	e	below 5cm	RM	12.65
147	90.2	Eucalyptus Bullies 4cm to 5cm dia and cross ties	RM	10.20
148	91	Casurina Bullies 4cm - 5cm dia & cross ties	RM	11.40
149	92	Bamboo Large (10cm dia and above)	RM	10.20
150	93	Bamboo (7.5cm - 10cm dia)	RM	9.00
		E. Metal and Iron works		
151	111	Mild steel plates or sheets BG 10	Kg	48.00
152	112	Mild steel Angles 25 x 25 x 3 mm	Kg	48.00
153	113	Binding wire (Black 18 G)	Kg	48.00
154	113 b	Binding wire (Galvanised-18 G)	Kg	48.00
155	114	GI Sheets 30cm wide and 1.6 mm Thick	sqm.	335.00
156	126 i	Weld mesh 7.5 x 2.5cm 10 Gauge	sqm.	325.00
157	ii	Weld mesh 7.5 x 5cm 10 Gauge	sqm.	292.00
158	iii	Weld mesh 10 x 10cm 10 Gauge	sqm.	158.00
159	129	Chicken mesh	sqm.	35.00
160	130	Fly proof mesh	sqm.	100.00
161	131	Supplying mild steel grills for windows, ventilators, etc., including priming coat.	Kg	65.00
1	For Road works, the Schedule of Rates of Highways Department may be adopted in respect of materials for which rates are not available in this schedule of rates.			
2	For all the materials viz. Bricks and Tile Products, Stone Jelly, Gravel, Sand, Lime Stone, etc., necessary incidental charges, loading charges and unloading charges have been included. Hence, no separate incidental charges, loading charges and unloading charges shall be allowed for the above materials.			

ANNEXURE-III
RATES OF WORKS

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
		A. Clearing the Site		
1	1	Clearing Heavy Jungle	sqm.	3.10
2	2	Clearing Light Jungle	sqm.	2.35
3	3	Clearing Scrub Jungle	sqm.	2.15
4	4	Uprooting & removing large palmyrah / coconut stumps	Each	60.30
5	5	Uprooting & removing small palmyrah / coconut stumps	Each	43.10
6	9	Removing weeds in channel and drain	sqm.	0.90
7	9C	Cleaning Juliflora jungle with uprooting	sqm.	3.45
8	9D	Cleaning Juliflora jungle without uprooting	sqm.	2.65
		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.	25.65
10	11	Brick / stone in clay walls, add for every additional 3m or part there of over the initial height of 3m	cum.	8.60
11	11A	Mud / sun dried brick walls under 3m high	cum.	17.25
12	11B	Mud / sun dried brick walls, add for every additional 3m or part there of over the initial height of 3m	cum.	5.05
13	12	Brick / stone masonry in lime mortar walls under 3m high	cum.	78.65
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.	8.80
15	14	Brick / stone masonry in Cement mortar walls under 3m high	cum.	96.40
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.	10.35
17	16	Terracing work in roof or floor	sqm.	26.10
18	17	Flag stone in roof or floor including lifting	sqm.	13.90
19	18	Cut stone slab over culverts upto 3.3m height below GL	cum.	400.80
20	19	Cut stone slab over culverts over 3.3m height below GL	cum.	417.80
21	20	Removal of cut stone slabs / RCC cover slabs	sqm.	176.30

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
22	22	Re-fixing cut stone slab / RCC Cover Slab	sqm.	192.00
23	23	Pantile or Mangalore tiled roof without roof timbers	sqm.	6.90
24	24	Flat & pan tiles or Manglore tile over flat tiles, with out roof timbers	sqm.	9.60
25	25	AC sheet roofing without roof timbers	sqm.	6.30
26	26	Corrugated iron sheet roofing over pan tiles, without roof timbers	sqm.	10.35
27	27	Old thatched roof, including tying materials into small bundles for reuse.	sqm.	3.10
28	28	Wrought and putup framed timbers in roofs / floors	cum.	252.30
29	29	Doors and windows including removal of frames, hinges and fastenings	sqm.	52.15
30	32	Dry stones apron or revetment, stacking within 40m lead	cum.	44.85
31	33	Grouted stones apron or revetment, stacking within 40m lead	cum.	52.15
32	34	Dry stone masonry walls	cum.	38.15
33	36	Dismantling lime concrete	cum.	122.10
34	37	Dismantling plain Cement concrete	cum.	165.60
35	38	Dismantling RCC	cum.	2515.00
36	38A	Chipping of concrete and roughening the surface	sqm.	13.90
37	38B	Pressed tiles & weathering course	sqm.	16.00
38	38C	One course of pressed tile roof finish in Cement Mortar	sqm.	8.90
39	38D	One course of terrace bricks roof finish in Cement mortar	sqm.	10.35
40	38E	Two course of flat tiles roof finish in cement mortar	sqm.	10.35
41	38F	Mosaic in situ finish in cement mortar in flooring and in wall surface	sqm.	21.50
42	38G	Floor finish and dadoing walls in cement mortar with mosaic tiles / glazed tiles / cuddapah slabs	sqm.	20.80
		C. Quarrying and Blasting		
43	39	Hard rock measured in solid including blasting & stacking	cum.	297.00
44	39A	Removing hard rock by wedging, chiseling and trimming to proper shape where blasting is prohibited.	cum.	594.00

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
45	40A	Medium rock and dense medium rock requiring blasting	cum.	152.00
46	42A	Extra for every additional 10m lead or part thereof over the initial lead for blasted materials	cum.	3.65
47	42B	Extra for every additional 1m lift or part thereof over the initial lift of 2m for blasted materials	cum.	3.80
48	44	Benching, hard rock upto an average 10 cm depth	sqm.	287.00
49	46	Drilling holes in hard granite 40mm diameter	RM	96.30
50	46A	Drilling holes in hard granite 45mm diameter	RM	112.45
51	47	Drilling holes in hard granite 50mm diameter	RM	133.95
52	48	Drilling holes in hard granite 75mm diameter	RM	152.15
53	49	Drilling holes in hard granite 32mm diameter	RM	82.65
		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.	30.75
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.	28.00
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.	35.00
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.	7.25
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.	8.80
59	50D	Sectioning during forming bunds when earth moving machinery, lorries and rollers are used for consolidation.	cum.	5.40
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, murrum, gravel, stoney earth and earth mixed with small size boulders SS.20.A.	cum.	44.60

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
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.	41.85
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.	62.30
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.	98.65
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.	109.80
65	76	Extra for every additional 10 metre lead or part thereof over the initial lead	cum.	5.25
66	77	Extra for every additional 1 metre lift or part thereof over the initial lift	cum.	4.20
67	78	Breaking clods, consolidating and sectioning	cum.	2.65
68	78A	Breaking clods, consolidating and sectioning the earth scooped by Bull Dozers.	cum.	7.90
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.	8.80
71	B	By power roller including hire charges	cum.	14.70
72	80	Benching Old Embankment Slopes 45cm x 45cm	cum.	1.75
73	81	Puddle wall work	cum.	69.55
74	82A	Turfing in slopes including watering and fixing with initial lead upto 50m	sqm.	14.70
75	84	Refilling with excavated sand complying with standard specification for filling in foundation and basement.	cum.	13.00
76	85	Refilling with excavated soil (other than sand) complying with standard specification for filling in foundation and basement.	cum.	14.70

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
		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.	28.00
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.	41.75
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.	64.20
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.	104.40
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.	156.95
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.	304.25
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.	43.35
84	92B	Sinking well in Sand, including bailing or pumping charges if necessary etc., complete - First depth of 2 metres	cum.	60.75
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.	60.75

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
		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.	45.30
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.	3.65
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.	26.80
90	b	having width of 3m -10m	cum.	32.65
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.	38.10
		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.	44.65
93	2	Add for works in every upper floor over the rate of preceeding floor	cum.	89.00
	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.	29.55
95	2	Add for works in every upper floor over the rate of preceeding floor	cum.	59.40
		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.	44.05

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
97	2	Add the basic rate for works 4.50m depth and upto 9m depth below ground level	cum.	88.35
98	3	Add extra over the above item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	cum.	88.35
	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.	29.55
100	2	Add the basic rate for works above 4.50m depth and upto 9.0m depth below GL	cum.	59.40
101	3	Add extra over the above item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	cum.	59.40
		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.	26.20
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.	35.25
		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.	3.65
105	319	Clean removal of lime plaster from walls	sqm.	2.85
106	320	Clean removal of Cement plaster from walls	sqm.	3.05
107	321	Clean removal of Cement plaster from walls and racking out joints 20mm deep	sqm.	3.95
		J. White Washing, Colour Washing & Distempering		
108	338	Thorough scrapping of old plastered surface	sqm.	1.70
109	339	Washing of plastered surface with soap, soda and water (or with soda lime, brush and water)	sqm.	2.10
		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.	13.05

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
111	357A	Removing old paint from doors and windows by scrapping and refitting of shutters.	sqm.	5.55
112	357B	Removing paint from doors, windows & wood works by manual labour	sqm.	3.80
113	357C	Removing old paint from structural steel by blow lamp or sand paper	sqm.	7.90
114	357 D	Scrapping and removing old paint from structural steel by manual labour	sqm.	3.55
115	357 E	Removing old paint from iron surface with sand paper	sqm.	3.35
116	357 F	Repolishing the mosaic flooring including polishing stone and hire charges for polishing machine but excluding cost of electrical charges	sqm.	7.70
		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	3.35
118	369 B (i)	Driving piles up to 15 cm dia in river bed	RM	10.25
119	(ii)	Pointing the edge and driving bamboo / casurina / eucalyptus piles into river bed for the first 1m depth below ground level.	Each	8.80
120	(iii)	Driving bamboo / casurina / eucalyptus piles into ground beyond 1m depth from ground level. For every 1m (or) part thereof	RM	8.80
		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	1.75
122	375B	Extra for every additional lead of 1.6K.M (for the above item)	one bundle	0.20
123	378A	Driving casurina piles into bed including scaffolding etc., complete	RM	4.30
124	378B	Casurina walling pieces 40 mm to 50 mm diameter including fixing with nails and tying with ropes	RM	5.90
		N. Cuting and Threading of GI Pipe		
125	1	15 mm dia GI Pipe Cutting	Each	3.60
126		15 mm dia GI Pipe Threading	Each	5.05

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
127	2	20 mm dia GI Pipe Cutting	Each	3.60
128		20 mm dia GI Pipe Threading	Each	5.25
129	3	25 mm dia GI Pipe Cutting	Each	4.40
130		25 mm dia GI Pipe Threading	Each	10.55
131	4	32 mm dia GI Pipe Cutting	Each	5.25
132		32 mm dia GI Pipe Threading	Each	14.25
133	5	40 mm dia GI Pipe Cutting	Each	6.95
134		40 mm dia GI Pipe Threading	Each	16.00
135	6	50 mm dia GI Pipe Cutting	Each	8.90
136		50 mm dia GI Pipe Threading	Each	17.85
137	7	65 mm dia GI Pipe Cutting	Each	9.65
138		65 mm dia GI Pipe Threading	Each	21.45
139	8	80 mm dia GI Pipe Cutting	Each	12.50
140		80 mm dia GI Pipe Threading	Each	26.95
141	9	100 mm dia GI Pipe Cutting	Each	17.85
142		100 mm dia GI Pipe Threading	Each	35.70
		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.	5117.00
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.	577.30
145	3	Labour wrought and put up in position Shutters for fully panelled doors internal five plywood panels including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	sqm.	480.70
146	4	Labour wrought and put up in position Shutters for glazed and panelled doors including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	sqm.	537.00

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
147	6	Labour wrought and put up in position Shutters for Framed and planked doors including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	sqm.	447.35
148	7	Labour wrought and put up in position Shutters for ledged and braced and planked doors including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	sqm.	303.60
149	8	Labour wrought and put up in position Shutters for Glazed windows including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	sqm.	537.00
150	11	Labour wrought and put up in position Shutters for Windows panelled including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	sqm.	577.30
151	12	Labour wrought and put up in position Shutters for windows ledged and braced and planked doors including labour charges for fixing furniture fittings complying with standard drawings and standard specification.	sqm.	303.60
152	13	Labour wrought and put up in position Frames, shutters for Ventilators glazed fixed double frames and with wire netting complete fixed in position in accordance with standard drawings and standard specification.	sqm.	480.70
153	14	Labour wrought and put up in position Frames, Shutters for Swing Ventilators and fixed in position in accordance with standard drawings and standard specification.	sqm.	448.50
154	19	Labour charges for fixing doors alongwith frames in position etc., complete (finished work)	sqm.	86.25
155	20	Labour charges for fixing windows and ventilators along with frames in position etc., complete.	sqm.	108.10
156	21	Labour wrought and put up in position Flush shutters		
a		Single leaf shutter	sqm.	80.20
b		Double leave shutters	sqm.	124.20
157	22	Labour wrought and put up in position fly proof wire gauge shutters for doors, windows and ventilators.	sqm.	287.50

Sl. No.	Sch. Item No.	Description of Works	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
158	23	Labour wrought and put up for Providing teak wood weldmesh screen with frames 3"x3" (0.075m x 0.075m)	sqm.	400.00
		P. Breaking Metals		
159	50A	Labour charges for breaking 40mm metal from departmental blasted stones	cum.	152.95
160	50B	Labour charges for breaking 20mm metal from departmental blasted stones	cum.	228.85
161	50C	Labour charges for breaking 50mm metal from departmental blasted stones	cum.	91.40
		Q. Cement Mortar		
162	1	Grinding Mortar (Special Grinding lime)	cum.	138.85
163	2	Grinding Mortar (Ordinary grinding lime)	cum.	105.90
164	3	Mixing Mortar - Cement by manual	cum.	43.35
165	4	Mixing Mortar - Cement by Machine Mixing	cum.	57.60
		R. Metal and Iron works		
166	1	Petty ironwork for truss, straps etc., (Wrought & fixed) labour only	Kg	20.80
167	2	Iron works for trusses and record racks (labour only)	Kg	19.25
168	3	Fixing in position mild steel grills for windows, ventilators, etc.	Kg	12.00
169	4	Fixing MS Rods round / square for windows	Kg	11.20
170	5	Fixing Iron Bars in windows and ventilators	Kg	11.20

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

ANNEXURE-IV
RATES FOR CONVEYANCE OF MATERIALS BY HEAD LOAD

Sl. No.	Description of Material	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)		
			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.	50.40	20.95	5.50
2	Lime, Lime Stone, Laterite, Brick Jelly, Earth, Sand, Gravel, Surki, Pond Ash (Wet / Dry), Crushed Stone Sand, Stone Dust	cum.	26.85	20.95	4.10
3 a	Mangalore Tiles	1000 Nos.	54.60	27.45	6.95
b	Machine Pressed Tiles	2000 Nos.	54.60	27.45	6.95
c	Hydraulic Pressed Mosaic Flooring Tiles	1500 Nos.	54.60	27.45	6.95
d	Terrace Bricks, Flat Tiles and Pan Tiles	2500 Nos.	54.60	27.45	6.95
e	Bricks	1000 Nos.	54.60	27.45	6.95
4	Cement, AC Sheet, Bitumen, Asphalt, Tar	MT	50.40	27.45	5.50
5	Steel	MT	84.10	33.60	6.95

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


 for Engineer-in-Chief (Buildings) &
 Chief Engineer (Buildings), Chennai Region &
 Chief Engineer (General), PWD, Chennai-5
 31/05/13

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

Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)							
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	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.	4.90	5.40	7.80	6.60	8.80	11.00
b	10 - 20 Km.	4.20	4.65	6.70	5.65	7.60	9.25
c	20 - 40 Km.	3.70	4.10	5.90	5.00	6.70	8.35
d	40 - 80 Km.	3.10	3.45	4.95	4.20	5.60	7.00
e	Above 80 Km.	2.85	3.10	4.50	3.75	5.05	6.30
4	Loading Charges	73.10	34.90	23.90	34.35	34.35	34.35
5	Unloading Charges	73.10	34.90	23.90	34.35	34.35	34.35
6	Add above extra for inter state works	14.55	16.00	23.25	19.60	26.15	32.70

Note

1	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)].
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.

ANNEXURE-V

CONVEYANCE TABLE

(B). RATES FOR CONVEYANCE OF MATERIALS BY ROAD IN HILLS

Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)							
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.	9.80	10.80	15.60	13.20	17.60	22.00
b	10 - 20 Km.	8.40	9.30	13.40	11.30	15.20	18.50
c	20 - 40 Km.	7.40	8.20	11.80	10.00	13.40	16.70
d	40 - 80 Km.	6.20	6.90	9.90	8.40	11.20	14.00
e	Above 80 Km.	5.70	6.20	9.00	7.50	10.10	12.60

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

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 2013-2014 (w.e.f. 01.06.2013)
1	Water proofing compound	Kg	42.35
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	50.80
ii	200 mm x 200 mm x 6 mm	Each	22.35
iii	200 mm x 100 mm x 6 mm	Each	12.10
5	First Quality Plain ceramic tiles of all colours		
i	305 mm x 305 mm x 6 mm	Each	36.30
ii	200 mm x 200 mm x 6 mm	Each	16.25
iii	200 mm x 100 mm x 6 mm	Each	8.45
6	First quality White glazed tiles		
i	150 mm x 150 mm x 6 mm	Each	8.45
ii	100 mm x 200 mm x 6 mm	Each	7.25
7	First quality colour glazed tiles		
i	150 mm x 150 mm x 6 mm	Each	9.65
ii	100 mm x 200 mm x 6 mm	Each	8.45
8	First quality colour glazed tiles with printed design		
i	150 mm x 150 mm x 6 mm	Each	11.40
ii	100 mm x 200 mm x 6 mm	Each	10.25
9	White Cement	Kg	23.00
10	Colour Cement (White cement mixed with colouring pigments)	Kg	26.65
11	Multi-colour marble chips of all Grades / Sizes	Bag	97.00
12	White Marble slab (Adanga) 18 mm to 20 mm thick		
i	4'0" x 2'0" and above	sqm.	935.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
ii	2'0" x 2.0" or 2'0" x 1'0" or 1'0" x 1'0"	sqm.	511.00
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.	902.00
b	Ruby Red, Raw Silk	sqm.	781.00
c	Sinthetic Grey, Paradise and Similar varieties.	sqm.	726.00
14	Granite slabs (Super fine polished with machine cut edges) of sizes 4'x2' and above 18mm to 20mm thick.		
a	Jet Black	sqm.	1815.00
b	Ruby Red, Raw Silk	sqm.	1694.00
c	Sinthetic Grey, Paradise and Similar varieties.	sqm.	1331.00
15	Polished shahabad stone slabs of 20 mm thick with machine cut edges of size 2' 0" x 2'0" and above.	sqm.	363.00
16	Polished shahabad stone slabs 20 mm thick with machine cut edges of size below 2' 0" x 2'0".	sqm.	302.00
17	Polished Rajasthan Kota stone slabs of 20 mm thick with machine cut edges of size 2' 0" x 2'0" and above.	sqm.	533.00
18	Polished Rajasthan Kota stone slabs of 20 mm thick with machine cut edges of size below 2' 0" x 2'0".	sqm.	467.00
19	Dolphur stone slabs - semi polished with machine cut edges of all sizes		
a	40 mm thick	sqm.	398.00
b	20 mm thick	sqm.	363.00
20	Aluminium strips of size 40 mm wide x 1.5 mm thick	RM	30.00
21	Brass strips of size 40 mm wide x 1.5 mm thick	RM	60.00
22	Glass strips of size 40 mm wide and 4 mm thick	RM	15.00
23	Marblex Tiles 3 mm thick	sqm.	605.00
24	Red Oxide - Superior quality for floor finish	Kg	127.00
25	Decorative pressed tiles of 12 mm thick of all sizes and shapes	sqm.	1027.00
26	Exterior Emulsion Paint - Water based primer (Liquid)	Litre	145.00
27	Alkali Resistant Distemper Primer	Litre	145.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
28	Sandtex matt	Litre	169.00
29	Vinaratex or equivalent Textured coat	sqm.	218.00
30	Best Lac Polish / French Polish	Litre	282.00
31	Varnish	Litre	290.00
32	Cotton Waste	Kg	9.20
33	Cement based Hydraulically pressed Anti skid tiles (pattern design) - 20 mm thick	sqm.	484.00
34	Marble Powder	Kg	4.80
35	Polishing Stone		
i	Rough	Each	60.50
ii	Medium	Each	84.70
iii	Fine / Nice	Each	96.80
36	Oxalic Acid	Kg	39.80
37	Tupentine	Litre	26.60
38	Mansion polish	400 gram	159.00
39	Poly Sulphide	Kg	181.00
40	Primer for expansion joints	Kg	162.00
41	Filler material	sqm.	133.00
42	Bond Breaker	RM	3.60
43	PVC Water Bar 150mm wide with singel bulb	RM	271.00
44	Plain G.I. sheet 0.8mm thick (22 Gauge)	sqm.	332.00
45	Phil Plug	Each	4.80
46	G.I. Screws		
i	30mm x 6mm	Each	1.20
ii	19mm x 6mm	Each	0.75
47	G.I. Limpet / Cup Washers	Each	1.75
48	Bitumen washers 15mm dia	Each	1.20
49	Asbestos Cement pipe - 100mm dia	3 RM	133.35
50	A.C. shoe - 100mm dia	Each	42.40
51	A.C. Bend - 100mm dia	Each	48.50

Sl. No.	Name of Material	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
52	A.C. Cylindrical Cowl - 100mm dia	Each	72.75
53	C.I. Brackets for A.C. pipe 100mm dia	Each	19.95
54	C.I. Grating - 100mm dia	Each	29.30
55	Asbestos cement fully corrugated sheet - 6mm thick	sqm.	175.50
56	Asbestos cement plain sheet		
i	6mm thick	sqm.	157.60
ii	4mm thick	sqm.	109.10
57	Asbestos cement adjustable ridges	Pair	181.85
58	G.I. "J" or "L" Bolts with nuts 6mm Dia	Each	3.60
59	Steel - special extruded sections for steel windows and ventilators conforming to I.S.S. 7452 / 1990 including Fabrication charges	Kg	63.30
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	427.00
b	With powder coated primer	RM	455.00
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	292.00
b	With powder coating of any colours.	Kg	312.00
62	Aluminium Extruded Box Section for Staircase Hand Rails including charges for Anodising for 15 micron thickness - Natural colour matt finish	Kg	298.00
63	Rubber beading for aluminium glazed doors	RM	36.30
64	Rubber beading for aluminium glazed windows.	RM	27.80
65	PVC / Woollen felt for aluminium doors 6mm thick	RM	8.45
66	Pivot for Aluminium Door	Set	145.20
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	867.30

Sl. No.	Name of Material	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
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	2079.00
69	Lock for Aluminium doors	Each	238.70
70	Lock for Aluminium sliding windows	Each	59.40
71	Aluminium Grill of standard pattern (diamond shape) - 10mm thick including 'F' (or) 'H' Section.	sqm.	1870.00
72	Aluminium Grill of standard pattern (diamond shape) - 6mm thick including 'F' (or) 'H' Section.	sqm.	1512.50
73	Bolts and Nuts 10mm dia for false ceiling	Each	5.25
74	Rawl Plugs for false ceiling	Each	8.40
75	PVC Roller for sliding windows	Each	13.30
76	Synthetic Resin - Fevicol or equivalent (Phenol Formaldehyde based Resin)	Kg	181.50
77	Butt Hinges with nylon washers of various sizes. Length and width (with required screws).		
a	125mm x 30mm	Each	69.85
b	100mm x 30mm	Each	56.10
c	75mm x 30mm	Each	38.50
d	50mm x 30mm	Each	31.10
78	Tower Bolts of various lengths and diameter (with required screws)		
a	400mm long and 12mm dia	Each	132.00
b	300mm long and 12mm dia	Each	101.60
c	250mm long and 12mm dia	Each	76.20
d	200mm long and 12mm dia	Each	64.05
e	150mm long and 12mm dia	Each	50.60
f	100mm long and 10mm dia	Each	44.40
g	75mm long and 10mm dia	Each	31.10

Sl. No.	Name of Material	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
79	Aldrops of following lengths and diameter with required screws, bolts and nuts.		
a	300mm long and 16mm dia	Each	183.70
b	250mm long and 16mm dia	Each	158.40
c	200mm long and 16mm dia	Each	107.25
d	200mm long and 12mm dia	Each	89.10
80	Handles "D" type of various sizes with required screws		
a	200mm long	Each	56.50
b	150mm long	Each	50.60
c	100mm long	Each	31.10
81	Ornamental handles of various sizes with required screws		
a	200mm long	Each	152.35
b	150mm long	Each	101.60
c	100mm long	Each	56.10
82	Aluminium door stopper with rubber bush with required screws	Each	44.40
83	Rubber bush - 40 mm dia and 60 mm long with required screws	Each	24.20
84	Mortice Lock-(Godrej or equivalent) with required screws with 3 Keys		
a	With night latch	Each	509.30
b	Without night latch	Each	380.60
c	Wire nails	Kg	60.50
85	Teakwood beading		
a	15mm x 12mm	RM	14.40
b	35mm x 12mm	RM	36.30
86	Teakwood Beading (ordinary)		
a	30mm x 12mm	RM	30.00
b	25mm x 12mm	RM	24.20
87	Teakwood beading - Ornamental / design		

Sl. No.	Name of Material	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
a	40mm x 12mm	RM	84.70
b	40mm x 15mm	RM	96.80
c	25mm x 12mm	RM	66.00
d	15mm x 12mm	RM	45.50
88	Medium Desity Fibre (MDF) Board - Exterior Grade, Both sides pre-lamiated including external lipping with kiln dried soft wood 35mm thick	sqm.	1936.00
89	Medium Density Fibre (MDF) Board - exterior Grade - Both sides pre-laminated, 12mm thick	sqm.	935.00
90	MDF Board exterior Grade - Plain including external lipping with kiln dried soft wood		
i	35mm thick	sqm.	1573.00
ii	30mm thick	sqm.	1452.00
91	Medium density fibre (MDF) Board 12 mm thick Exterior grade - with melamine finish.		
a	One side melamine finish	sqm.	995.00
b	Both sides melamine finish	sqm.	1116.00
92	Medium density fibre (MDF) board - Exterior grade - Plain - With teak wook external lipping alround		
a	35mm thick	sqm.	1694.00
b	30mm thick	sqm.	1512.00
93	Solid core Flush shutters with Teak ply on both side with teak wook lipping alround 35 mm thick	sqm.	1996.00
94	Solid core Flush shutters with Teak ply on one side and commercial ply on other side with teak wook lipping alround 35 mm thick	sqm.	1754.00
95	Solid core Flush shutters with commercial ply on both side with teak wook lipping alround 35 mm thick	sqm.	1512.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
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.	2875.00
b	Solid panel PVC door without frame	sqm.	2425.00
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.	3755.00
b	Excluding door frames	sqm.	3115.00
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.	2055.00
b	Excluding door frames	sqm.	1815.00
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	290.00
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	908.00
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	1270.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
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.	2430.00
b	Gear operated type (from 8 m ² to 12 m ² area)	sqm.	2700.00
c	Electrically operated type (exceeding 12m ² area)	sqm.	2940.00
B	ROLLING GRILLS (WITH ISI MONOGRAM)		
a	Manually operated (up to 8 m ² area)	sqm.	2480.00
b	Gear operated (from 8 m ² to 12 m ² area)	sqm.	2777.00
c	Electrically operated (exceeding 12m ² area)	sqm.	3090.00
103	Barbed Wire - 10 Gauge - Two ply and four pronged (Galvanised)	1 Kg or 6 RM	69.30
104	Chain link - 2" x 2" using 10 Gauge Galvanised Iron Wire (of all sizes)	sqm.	178.50
105	Pin Headed / Fluted / Figured Glass 3mm thick	sqm.	242.00
106	Plain Glass - 4mm thick	sqm.	326.70
107	Plain Sheet Glass - 5.5mm thick	sqm.	387.20
108	Metal screws (for Aluminium Doors, windows etc.)		
i	75mm x 8mm	Each	2.30
ii	38mm x 6mm	Each	1.65
iii	19mm x 8mm	Each	1.15
iv	19mm x 6mm	Each	0.85
109	Cement paint (First quality)	Kg	53.10
110	Oil Bound Distemper	Kg	78.50
111	Acrylic Distemper	Kg	90.60
112	Primer for Plastic Emulsion paint	Litre	156.75
113	Plastic Emulsion paint (First quality)	Litre	315.15
114	Wood Primer	Litre	156.75
115	Synthetic Enamel paint for Wood work	Litre	254.10

Sl. No.	Name of Material	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
116	Red Oxide primer for Iron work	Litre	145.50
117	Synthetic Enamel paint for Iron work	Litre	242.55
118	G.I. Pipes "B" Class		
i	65 mm dia	RM	254.65
ii	50 mm Dia	RM	218.30
iii	40 mm Dia	RM	169.75
iv	32 mm Dia	RM	157.60
v	25 mm Dia	RM	133.35
vi	20 mm Dia	RM	102.80
vii	15 mm Dia	RM	72.75
119	G.I.Specials		
A	Union		
i	50 mm Dia	Each	277.20
ii	40 mm Dia	Each	205.55
iii	32 mm Dia	Each	132.80
iv	25 mm Dia	Each	102.80
v	20 mm Dia	Each	72.75
vi	15 mm Dia	Each	60.60
B	G.I. Elbow		
i	50 mm Dia	Each	133.35
ii	40 mm Dia	Each	102.80
iii	32 mm Dia	Each	90.60
iv	25 mm Dia	Each	60.60
v	20 mm Dia	Each	26.55
vi	15 mm Dia	Each	16.70
C	G.I. Bend		
i	50 mm Dia	Each	121.25
ii	40 mm Dia	Each	90.60
iii	32 mm Dia	Each	72.75
iv	25 mm Dia	Each	54.25

Sl. No.	Name of Material	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
v	20 mm Dia	Each	24.25
vi	15 mm Dia	Each	14.40
D	G.I. TEE		
i	50 mm Dia	Each	145.50
ii	40 mm Dia	Each	114.90
iii	32 mm Dia	Each	102.80
iv	25 mm Dia	Each	84.85
v	20 mm Dia	Each	36.35
vi	15 mm Dia	Each	30.00
E	G.I. COUPLING		
i	50 mm Dia	Each	72.75
ii	40 mm Dia	Each	60.60
iii	32 mm Dia	Each	48.50
iv	25 mm Dia	Each	30.00
v	20 mm Dia	Each	16.70
vi	15 mm Dia	Each	14.40
F	G.I. REDUCER		
i	50 mm x 40 mm Dia	Each	97.00
ii	40 mm x 32 mm Dia	Each	72.75
iii	32 mm x 25 mm Dia	Each	54.25
iv	25 mm x 20 mm Dia	Each	30.00
v	20 mm x 15 mm Dia	Each	21.30
vi	40 mm x 25 mm Dia	Each	54.25
vii	32 mm x 20 mm Dia	Each	42.10
G	G.I. REDUCER ELBOW		
i	50 mm x 40 mm Dia	Each	114.90
ii	40 mm x 32 mm Dia	Each	97.00
iii	32 mm x 25 mm Dia	Each	72.75
iv	25 mm x 20 mm Dia	Each	54.25
v	20 mm x 15 mm Dia	Each	42.10

Sl. No.	Name of Material	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
vi	40 mm x 25 mm Dia	Each	75.75
vii	32 mm x 20 mm Dia	Each	60.00
H	G.I. REDUCER TEE		
i	50 mm x 40 mm Dia	Each	145.50
ii	40 mm x 32 mm Dia	Each	121.25
iii	32 mm x 25 mm Dia	Each	102.80
iv	25 mm x 20 mm Dia	Each	78.50
v	20 mm x 15 mm Dia	Each	72.75
vi	40 mm x 25 mm Dia	Each	109.10
vii	32 mm x 20 mm Dia	Each	84.85
I	G.I. HEX NIPPLE		
i	50 mm Dia	Each	90.60
ii	40 mm Dia	Each	72.75
iii	32 mm Dia	Each	60.60
iv	25 mm Dia	Each	45.60
v	20 mm Dia	Each	36.35
vi	15 mm Dia	Each	24.25
120	Gun Metal Gate Valve (Heavy Duty)		
i	65 mm dia	Each	1697.00
ii	50 mm Dia	Each	1386.00
iii	40 mm Dia	Each	1091.00
iv	32 mm Dia	Each	848.00
v	25 mm Dia	Each	663.00
vi	20 mm Dia	Each	392.00
	Note: Gate Valves should be used only in devlivery 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.		
121	Gun Metal Wheel Valve (Heavy Duty)		
i	40 mm Dia	Each	727.00
ii	32 mm Dia	Each	574.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
iii	25 mm Dia	Each	393.00
iv	20 mm Dia	Each	271.00
v	15 mm Dia	Each	193.00
122	Brass chromium plated screw down Tap 15 / 12mm Dia (Heavy Type)	Each	211.00
123	Chromium plated stop cock 15mm Dia	Each	169.00
124	Brass chromium plated pillar Tap (Heavy type)-15/12mm Dia	Each	302.00
125	Brass chromium plated shower Rose - 100mm Dia	Each	217.00
126	Wooden plug, clamp and screws	Set	12.10
127	Shellac	100 gram	18.15
128	Thread Ball	Each	3.60
129	Orlya Type Indian Water closet 580mm x 440mm with "P" or "S" Trap		
i	White	Set	1089.00
ii	Colour	Set	1390.00
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	2785.00
ii	Colour	Set	3150.00
131	European water closet with "P" or "S" Trap with Double falpped seat and seat cover with Brass Hinges and 12.5 litre capacity Porcelain low level flusing tank with all internal fittings		
i	White	Set	3925.00
ii	Colour	Set	4730.00
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 pedastal	Set	1510.00
ii	White with pedastal	Set	1815.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
iii	Colour without pedastal	Set	2024.00
iv	Colour with pedastal	Set	2235.00
133	White Porcelin 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	1936.00
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	663.00
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	877.00
136	Lipped Mouth Porcelin 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	847.00
ii	Colour	Set	970.00
137	Porcelin soap dish of size 150mm x 150mm x 50mm		
i	White	Each	178.00
ii	Colour	Each	242.00
138	Brass chromium plated soap tray of size 150mm x 100mm	Each	149.00
139	Brass chromium plated towel rail 60cm long and 20mm dia with brackets	Set	242.00
140	Anodised Aluminium Towel Rail 60cm long and 20mm dia with Brackets.	Set	121.00
141	PVC / Fibre Glass framed 5.5mm thick mirror, shelf type with Hard Board Backing		
i	600mm x 450mm	Each	449.00
ii	500mm x 400mm	Each	363.00
142	Stone ware gully trap of size 150mm x 100m with cast Iron Double Gratings	Each	169.00
143	Cast Iron Nahini / Floor Trap with stainless Steel Grating		
i	100mm x 75mm	Each	277.00
ii	75mm x 50mm	Each	217.00

Sl. No.	Name of Material	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
144	PVC Nahini / Floor Trap with PVC Grating		
i	100mm x 75mm	Each	150.00
ii	75mm x 50mm	Each	132.00
145	First Quality cast Iron pipe		
i	150mm Dia	RM	1004.00
ii	100mm Dia	RM	606.00
iii	75mm Dia	RM	485.00
iv	50mm Dia	RM	344.00
146	First Quality cast Iron Specials		
A	Plain Bend		
i	150mm Dia	Each	545.00
ii	100mm Dia	Each	266.00
iii	75mm Dia	Each	205.00
iv	50mm Dia	Each	157.00
B	Bend with Door		
i	150mm Dia	Each	630.00
ii	100mm Dia	Each	320.00
iii	75mm Dia	Each	266.00
iv	50mm Dia	Each	211.00
C	Plain TEE		
i	150mm Dia	Each	1091.00
ii	100mm Dia	Each	484.00
iii	75mm Dia	Each	332.00
iv	50mm Dia	Each	229.00
D	TEE with Door		
i	150mm Dia	Each	1151.00
ii	100mm Dia	Each	557.00
iii	75mm Dia	Each	387.00
iv	50mm Dia	Each	278.00
E	"Y" Junction with Door (single)		

Sl. No.	Name of Material	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
I	150mm Dia	Each	1212.00
ii	100mm Dia	Each	606.00
iii	75mm Dia	Each	423.00
iv	50mm Dia	Each	302.00
F	"Y" Junction with Door (Double)		
i	150mm Dia	Each	1333.00
ii	100mm Dia	Each	678.00
iii	75mm Dia	Each	509.00
G	COWL		
i	150mm Dia	Each	332.00
ii	100mm Dia	Each	199.00
iii	75mm Dia	Each	133.00
iv	50mm Dia	Each	102.00
147	Stone Ware Pipe		
i	150mm Dia	Each (0.6.RM)	96.50
ii	100mm Dia	Each (0.6.RM)	60.00
148	Stone ware specials		
A	Stone ware TEE		
i	150mm Dia	Each	157.00
ii	100mm Dia	Each	121.00
B	Stone Ware Bend		
i	150mm Dia	Each	133.00
ii	100mm Dia	Each	96.00
C	Stone ware "Y" Junction		
i	150mm Dia	Each	162.00
ii	100mm Dia	Each	121.00
149	Spun Yarn	Kg	12.00
150	Hemp Yarn	Kg	10.80
151	Gunny Tape / Kithan	sqm.	10.80
152	Tar	Kg	38.75

Sl. No.	Name of Material	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
153	Bitumen Felt 15 mm thick pad	sqm.	242.00
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.	727.00
b	Using perforated sheets (10mm thick)	sqm.	944.00
155	Supplying and laying Glass wool for insulation including necessary packing materials.		
a	Using 50mm thick Glass wool	sqm.	372.00
b	Using 25mm thick Glass wool	sqm.	199.00
156	Vitrified Tiles of size 600 x 600 x 8mm	sq.m.	990.00
157	Pre-polished concrete anti-skid step tiles of 20mm thick	sq.m.	531.00
158	Colour designed glazed tiles 300 x 200 x 6mm	Each	31.10
159	Squatting Urinal	Set	462.00
160	CI Brackets for fixing the sink	Set	115.00
161	Swan Neck Tap	Each	259.00
162	Brass Screws (30 x 6mm)	Each	2.30
163	Brass Screws (75 x 10mm)	Each	4.60
164	Special clamp, teak wood plugs and screws	Set	23.00
165	PVC clamp, teak wood plugs and screws	Set	9.20
166	Teak wood plug	Each	1.15
167	Teak wood plug (50 x 50 x 100mm)	Each	5.75
168	Manhole Cover 60 x 60cm (heavy duty) with frame	Each	2079.00
169	Welding charges		
a	50mm	Each	1.70
b	40mm	Each	1.35
170	Add for painting / tarring for Hex Nipple	Each	2.30
171	Labour charges for fixing cuddapah slab to cup-board	sqm	34.65
172	Hire charges for polishing machinery	Day	173.25
173	Electricity charges	Unit	9.90

Sl. No.	Description of Materials	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)		
			WORKING PRESSURE		
			4 kg. per cm ²	6 kg. per cm ²	10 kg. per cm ²
	WATER SUPPLY AND SANITARY ARRANGEMENTS				
174	PVC ITEMS FINOLEX (OR) EQUIVALENT (WITH ISI MONOGRAM)				
1	PVC Pipes				
a	15 mm Dia	RM	--	--	14.40
b	20 mm Dia	RM	--	--	21.30
c	25 mm Dia	RM	--	--	36.30
d	32 mm Dia	RM	--	--	54.20
e	40 mm Dia	RM	--	--	84.80
f	50 mm Dia	RM	54.20	84.80	127.00
g	63 mm Dia	RM	78.50	114.80	--
h	75 mm Dia	RM	109.10	163.30	--
i	90 mm Dia	RM	127.00	194.00	--
j	110 mm Dia	RM	169.70	254.60	--
l	160 mm Dia	RM	351.00	497.00	--
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.				
175	PVC Specials for water supply arrangements				
A	Coupler				
a	15 mm Dia	Each	--	--	3.60
b	20 mm Dia	Each	--	--	4.15
c	25 mm Dia	Each	--	--	4.80
d	32 mm Dia	Each	--	--	6.05
e	40 mm Dia	Each	--	--	9.00

Sl. No.	Description of Materials	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)		
			WORKING PRESSURE		
			4 kg. per cm ²	6 kg. per cm ²	10 kg. per cm ²
f	50 mm Dia	Each	--	--	12.10
B	Elbow				
a	15 mm Dia	Each	--	--	5.35
b	20 mm Dia	Each	--	--	6.05
c	25 mm Dia	Each	--	--	8.45
d	32 mm Dia	Each	--	--	12.10
e	40 mm Dia	Each	--	--	16.90
f	50 mm Dia	Each	--	--	24.20
C	BEND				
a	15 mm Dia	Each	--	--	6.05
b	20 mm Dia	Each	--	--	7.25
c	25 mm Dia	Each	--	--	9.65
d	32 mm Dia	Each	--	--	14.40
e	40 mm Dia	Each	--	--	19.35
f	50 mm Dia	Each	--	--	30.25
D	Tee				
a	15 mm Dia	Each	--	--	7.25
b	20 mm Dia	Each	--	--	8.45
c	25 mm Dia	Each	--	--	12.10
d	32 mm Dia	Each	--	--	14.50
e	40 mm Dia	Each	--	--	24.20
f	50 mm Dia	Each	--	--	36.30
E	End Cap				
a	15 mm Dia	Each	--	--	3.60
b	20 mm Dia	Each	--	--	4.80
c	25 mm Dia	Each	--	--	6.05
d	32 mm Dia	Each	--	--	7.25
e	40 mm Dia	Each	--	--	11.40


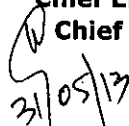
Sl. No.	Description of Materials	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)		
			WORKING PRESSURE		
			4 kg. per cm ²	6 kg. per cm ²	10 kg. per cm ²
f	50 mm Dia	Each	--	--	15.70
F	Reducer				
a	20 mm x 15 mm	Each	--	--	4.80
b	25 mm x 20 mm	Each	--	--	5.35
c	32 mm x 25 mm	Each	--	--	8.45
d	40 mm x 32 mm	Each	--	--	11.40
e	50 mm x 40 mm	Each	--	--	19.35
G	Reducer Tee				
a	20 mm x 15 mm	Each	--	--	7.25
b	25 mm x 20 mm	Each	--	--	8.45
c	32 mm x 25 mm	Each	--	--	12.10
d	40 mm x 32 mm	Each	--	--	14.50
e	50 mm x 40 mm	Each	--	--	24.20
H	Reducer Elbow				
a	20 mm x 15 mm	Each	--	--	6.05
b	25 mm x 20 mm	Each	--	--	7.25
c	32 mm x 25 mm	Each	--	--	9.65
d	40 mm x 32 mm	Each	--	--	12.10
e	50 mm x 40 mm	Each	--	--	18.15
J	Jet Nipple				
a	25 mm Dia	Each	--	--	15.70
b	32 mm Dia	Each	--	--	20.55

Sl. No.	Description of Materials	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)	
			"O" Ring Jointing	By pasting
176	PVC SPECIALS FOR SANITARY ARRANGEMENTS FINOLEX (OR) EQUIVALENT (WITH ISI MONOGRAM)			
A	Elbow			
a	75 mm	Each	66.30	54.20
b	90 mm	Each	84.80	66.30
c	110 mm	Each	102.70	84.80
d	160 mm	Each	114.80	97.00
B	Door Elbow			
a	75 mm	Each	84.80	60.60
b	90 mm	Each	109.10	72.70
c	110 mm	Each	133.20	114.80
d	160 mm	Each	157.60	133.30
C	Tee			
a	75 mm	Each	90.60	84.80
b	90 mm	Each	114.80	102.70
c	110 mm	Each	151.20	139.10
d	160 mm	Each	169.70	151.20
D	Tee with Door (Single)			
a	75 mm	Each	114.80	109.10
b	90 mm	Each	139.10	121.00
c	110 mm	Each	175.50	163.30
d	160 mm	Each	211.80	194.00
E	Tee with Door (Double)			
a	75 mm	Each	145.50	139.10
b	90 mm	Each	199.70	181.80
c	110 mm	Each	242.50	230.30
d	160 mm	Each	278.80	247.00
F	Bend			

Sl. No.	Description of Materials	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)	
			"O" Ring Jointing	By pasting
a	75 mm	Each	72.70	60.60
b	90 mm	Each	90.60	72.70
c	110 mm	Each	109.10	90.60
d	160 mm	Each	121.10	102.70
G	"Y"			
a	75 mm	Each	97.00	90.60
b	90 mm	Each	121.10	109.10
c	110 mm	Each	157.60	145.50
d	160 mm	Each	175.50	157.60
H	"Y" with Door (single)			
a	75 mm	Each	114.80	109.10
b	90 mm	Each	145.50	127.00
c	110 mm	Each	194.00	169.70
d	160 mm	Each	224.00	199.70
I	"Y" with Door (Double)			
a	75 mm	Each	157.60	151.20
b	90 mm	Each	211.80	194.00
c	110 mm	Each	254.60	242.00
d	160 mm	Each	308.00	278.60
J	Double Tee with Door (Single)			
a	75 mm	Each	199.70	163.30
b	90 mm	Each	230.30	187.60
c	110 mm	Each	271.30	236.10
d	160 mm	Each	303.10	266.70
K	Double "Y" with Door (single)			
a	75 mm	Each	218.20	181.80
b	90 mm	Each	242.50	206.10
c	110 mm	Each	278.80	260.30

Sl. No.	Description of Materials	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)	
			"O" Ring Jointing	By pasting
d	160 mm	Each	339.50	303.10
L	Reducer			
a	75 mm x 63 mm	Each	66.30	54.20
b	110 mm x 63 mm	Each	84.80	72.70
c	110 mm x 75 mm	Each	97.00	84.80
d	110 mm x 90 mm	Each	109.00	97.00
f	160 mm x 110 mm	Each	127.00	121.00
M	Shoe			
a	110 mm dia	Each	--	72.70
b	160 mm dia	Each	--	109.00
N	Vent Cowl			
a	50 mm dia	Each	--	30.00
b	75 mm dia	Each	--	48.50
c	110 mm dia	Each	--	72.70
177	PVC AND HDPE PIPES FOR BORE WELLS			
A	Special Blue Pipes for Bore Well			
a	110 mm dia	RM	--	291.00
b	125 mm dia	RM	--	327.30
c	140 mm dia	RM	--	375.80
d	160 mm dia	RM	--	424.10
B	Special Blue Slotted Pipes for Bore Wells			
a	110 mm dia	RM	--	303.10
b	125 mm dia	RM	--	345.20
c	140 mm dia	RM	--	400.00
d	160 mm dia	RM	--	485.00
C	End Cap for Bore Well			
a	110 mm dia	Each	--	90.60
b	125 mm dia	Each	--	97.00

Sl. No.	Description of Materials	Unit	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)	
			"O" Ring Jointing	By pasting
c	140 mm dia	Each	--	109.00
d	160 mm dia	Each	--	121.00
D	HDPE PIPES FOR SUB-MERSIBLE PUMP IN BORE WELL Class-5 (1 MPa or 10 kg./cm2 pressure)			
a	20 mm dia	RM	--	30.00
b	25 mm dia	RM	--	54.20
c	32 mm dia	RM	--	72.70
d	40 mm dia	RM	--	102.70
e	50 mm dia	RM	--	145.50
	OTHER ITEMS :			
178	PVC screw down tap heavy type 20 mm dia	Each	--	78.10
179	PVC screw down tap heavy type 15 mm dia	Each	--	60.50
180	PVC Adhesive (solution)	100 gm	--	36.30
181	PVC low level flushing tank with all internal fittings (wall mounting type)			
a	White - 10 litre capacity	Set	--	908.00
b	White - 7.5 litre capacity	Set	--	696.00
c	Colour - 10 litre capacity	Set	--	1030.00
d	Colour - 7.5 litre capacity	Set	--	817.00
182	PVC Water Tank	Litre	--	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 2013-2014 (w.e.f. 01.06.2013)
	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	11.00
b	25 Watts	Each	11.00
c	40 Watts	Each	11.00
d	60 Watts	Each	11.00
e	100 Watts	Each	11.00
f	200 Watts	Each	22.00
2	INCANDESCENT BULB 230V/250V GRADE B.C/E.S		
	Colour 15 Watts	Each	13.50
3	Blended Lamp 160 Watts	Each	266.00
3a	PLLAMP (PHILIPS / OSRAM)		
a	9 Watts	Each	82.50
b	11 Watts	Each	88.00
c	18 Watts	Each	138.50
d	36 Watts	Each	154.00
4	FLUORESCENT TUBULAR LAMPS WITH ISI MARK.		
a	Cool Day light 2 Ft.20 Watts	Each	41.50
b	Cool Day light 4 Ft.40 Watts	Each	41.50
c	Cool Day light 4 Ft.36 Watts	Each	40.50
5	MERCURY VAPOUR DISCHARGE LAMP 230V GRADE 3 PIN BC		
a	80 Watts	Each	191.00
b	125 Watts	Each	200.00

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
	c	250 Watts	Each	489.00
	d	400 Watts	Each	689.00
6		BOX TYPE SINGLE FLUORESCENT FITTING WITH COPPER CHOKE AND CONDENSOR COMPLETE WITH ISI MARK.		
	a	4. Ft 40 Watts with ballast.	Each	353.00
	b	4 Ft. 40 Watts Box type with Ballast. (Philips / Crompton / Wipro)	Each	519.00
7		BOX TYPE TWIN FLUORESCENT FITTING WITH COPPER CHOKE AND CONDENSOR (HPF) COMPLETE WITH ISI MARK.		
	a	4 Ft. 40 Watts	Each	663.00
	b	4 Ft. 40 Watts Box type of (Philips / Crompton) with Ballast.	Each	865.00
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	975.00
	b	Twin type suitable for 2 Nos. tube	Each	1200.00
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		Deleted
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	1680.00
	b	4' 40 W Twin Mirror optic Suspension type fitting. (Philips / Crompton / Wipro)	Each	3030.00
	c	4'40 W Twin Mirror optic Recessed mounting type Philips / Crompton / wipro.	Each	2220.00
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	740.00
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	995.00

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
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	3580.00
	b	Suitable for 70 Watts S.V. Lamp	Each	3770.00
	c	Post top lantern fitting with S.C. holder suitable for 160W blended lamp / incandescent lamp	Each	2060.00
14		STARTERS FOR FLUORESCENT TUBES		
	a	Starters of capacity 20 Watts	Each	11.00
	b	Starters of capacity 40 Watts	Each	11.00
15		POLYSTER FILLED COPPER CHOKE 250V / 50HZ GRADE SUITABLE FOR (Philips / Crompton / Wipro)		
	a	20 Watts fluorescent tube	Each	196.00
	b	40 Watts fluorescent tube	Each	196.00
	c	36 / 40W Electronic ballast for flu. Tube (Phillips / Crompton)	Each	324.00
	d	36 / 40W Electronic ballast for flu. Tube (Indo Asean / Equivalent)	Each	264.00
16		CONDENSOR FOR S.V. / M.V. LAMP		
	a	8 Mfd for 80 Watts Bulb	Each	124.50
	b	10 Mfd for 125 Watts Bulb	Each	148.30
	c	15 Mfd for 250 Watts Bulb	Each	198.00
	d	20 Mfd for 400 Watts Bulb	Each	273.00
17		Battern type Bakelite Holder for lamp	Each	19.80
18		Water tight bulk head fitting suitable for 100 / 60 Watts lamp with guard heavy type (PHILIPS / BAJAJ / CROMPTON GREAVES)	Each	330.00
19		Ceiling Rose	Each	16.50
20	a	Ceiling fixtures 250 / 300 mm complete with Gallery etc. Clear glass opac / crystal suitable for 40 / 60 Watts Bulb.	Each	195.00
	b.	Ceiling luminaire with mirror optics suitable for 2 Nos. 9 watts / 11 watts (Philips / Crompton / Bajaj)	Each	1230.00

Item No.	Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
	(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	132.00
22	CALL BELLS		
	a Call bell / Buzzer 6 mm suitable for AC / DC	Each	49.50
	b Push bell	Each	19.80
	c Gong bell 9" size suitable for 250V	Each	495.00
	d Gong bell 12" size suitable for 250V	Each	716.00
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	5770.00
	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	7790.00
	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	6690.00
	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	8950.00
	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	1320.00
	b A.C Ceiling fan complete 1400 mm (56") sweep with 300mm Down rod. (without regulator)	Each	1415.00
	c Stepped electronic 300W / 450W square type fan regulator (Anchor Deluxe / Equivalent)	Each	224.00
	d Dimmer type electronic 300W / 450W square type fan regulator (Anchor Deluxe / Equivalent)	Each	179.00
	e A.C. Ceiling fan complete 1200mm (48") sweep with 300mm Down rod (without regulator) (Crompton make)	Each	1495.00

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
	f	A.C. Ceiling fan complete 1400mm (56") sweep with 300mm Down rod (without regulator) (Crompton make)	Each	1615.00
II		EXHAUST FANS		
	a	A.C Exhaust Fan 225mm (9") sweep (Light duty)	Each	1220.00
	b	A.C Exhaust Fan 300mm (12") sweep (Light duty)	Each	1395.00
	c	A.C Exhaust Fan 375mm (15") sweep (Light duty)	Each	1440.00
	d	A.C Exhaust Fan 450mm (18") sweep (Light duty)	Each	2020.00
	e	A.C Exhaust Fan 375mm (15") sweep (Heavy duty)	Each	2650.00
	f	A.C Exhaust Fan 450mm (18") sweep (Heavy duty)	Each	3300.00
III		LOUVER SHUTTERS ARRANGEMENTS		
	a	M.S / Fibre Louvers shutters arrangements for 300 mm A.C Exhaust Fan.	Each	264.00
	b	M.S / Fibre Louvers shutters arrangements for 375 mm A.C Exhaust Fan.	Each	280.00
	c	M.S / Fibre Louvers shutters arrangements for 450 mm A.C Exhaust Fan.	Each	313.00
		PART "C"		
I		SWITCHES		
	a	5 Amps (flush type)	Dozen	203.00
	b	5 Amps (Flush type staircase)	Dozen	253.00
II		DOUBLE POLE SWITCHES (GEM / HPL / HAVELLS / EQUIVALENT)		
	a	16 Amps DP switch with metal clad (Front handle)	Each	476.00
	b	32 Amps DP switch with metal clad (Front handle)	Each	975.00
	c	16 Amps DP switch with metal clad (side handle).	Each	394.00
	d	32 Amps DP switch with metal clad (side handle)	Each	885.00
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	6690.00
	b	125 Amps TPN Switch with HRC fuses sheet steel double break	Each	7330.00

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
	c	200 Amps TPN Switch with HRC fuses sheet steel double break	Each	9470.00
	d	315 Amps TPN Switch with HRC fuses sheet steel double break	Each	13500.00
	e	400 Amps TPN Switch with HRC fuses sheet steel double break	Each	17300.00
	f	16 Amps TPN Metal clad switch with rewirable fuse units.	Each	1015.00
	g	32 Amps TPN Metal clad switch with rewirable fuse units.	Each	1500.00
	h	63 Amps TPN Metal clad switch with rewirable fuse units.	Each	3270.00
	i	100 Amps Metal clad switch with rewirable fuse units.	Each	6430.00
	j	200 Amps metal clad switch with rewirable fuse units.	Each	9750.00
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	4130.00
	2	100A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	6950.00
	3	125A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	8200.00
	4	200A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	10300.00
	5	250A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	12850.00
	6	315A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	15400.00
	7	400A TPN switch disconnecter fuse units in sheet steel enclosure with HRC fuses Double break.	Each	17700.00
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	2730.00
	2	100A TPN switch disconnecter fuse units interior only with HRC fuses Double break.	Each	4970.00

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
	3	125A TPN switch disconnecter fuse units interior only with HRC fuses Double break.	Each	6770.00
	4	200A TPN switch disconnecter fuse units interior only with HRC fuses Double break.	Each	8740.00
	5	250A TPN switch disconnecter fuse units interior only with HRC fuses Double break.	Each	11400.00
	6	315A TPN switch disconnecter fuse units interior only with HRC fuses Double break.	Each	14300.00
	7	400A TPN switch disconnecter fuse units interior only with HRC fuses Double break.	Each	16900.00
V		FUSE UNITS (Anchor / Equivalent)		
	a	16 Amps Porcelain Fuse unit (500V)	Each	55.00
	b	32 Amps Porcelain Fuse unit (500V)	Each	97.50
	c	63 Amps Porcelain Fuse unit (500V)	Each	218.00
	d	100Amps Porcelain Fuse unit (500V)	Each	392.00
	e	200 Amps Porcelain Fuse unit (500V)	Each	634.00
VI		SINGLE PHASE DBS (GEM / Equivalent)		
	a	4 Way DB 16 Amps / Way with fuse & Neutral each (250V)	Each	529.00
	b	6 Way DB 16 Amps / Way with fuse & Neutral each (250V)	Each	719.00
	c	8 Way DB 16 Amps / Way with fuse & Neutral each (250V)	Each	892.00
VII		THREE PHASE DBS (GEM / Equivalent)		
	a	4 Way TPDB 16A / Way with fuse & Neutral link	Each	2085.00
	b	6 Way TPDB 16A / Way with fuse & Neutral link	Each	2860.00
	c	8 Way TPDB 16A / Way with fuse & Neutral link	Each	3460.00
	d	4 Way TPDB 32A / Way with fuse & Neutral link	Each	2640.00
	e	6 Way TPDB 32A / Way with fuse & Neutral link	Each	3520.00
	f	8 Way TPDB 32A / Way with fuse & Neutral link	Each	4460.00
	g	4 Way TPDB 63A / Way with fuse & Neutral link	Each	6160.00
	h	6 Way TPDB 63A / Way with fuse & Neutral link	Each	7930.00

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
VIII		CHANGE OVER SWITCHES (GEM / HAVELL'S / HPL / STANDARD / EQUIVALENT)		
	a	16 Amps three phase 500V 4 pole Change over switch	Each	1440.00
	b	32 Amps three phase 500V 4 pole Change over switch	Each	1700.00
	c	63 Amps three phase 500V 4 pole Change over switch	Each	3710.00
	d	100 Amps three phase 500V 4 pole Change over switch	Each	5900.00
	e	200 Amps three phase 500V 4 pole Change over switch	Each	11100.00
		PART "D"		
I	a	5 Amps 3 pin & 2 pin combined flush type wall socket only.	Each	27.70
	b	5 Amps / 15 Amps 3 pin flush type wall socket only.	Each	62.30
	c	5 Amps 3 pin Top	Each	39.20
	d	15 Amps 3 pin Top	Each	55.40
	e	15 Amps Flush type switch	Each	64.60
	f	10 Amps M.C plug with 3 pin top	Each	207.00
	g	20 Amps M.C plug with 3 pin top	Each	236.00
II	A	SINGLE PHASE WATT HOUR METERS (HPL / Equivalent)		
	a	A.C single phase 230V / 250V / 50 HZ 5 Amps Watt Hour Meter.	Each	1100.00
	b	A.C single phase 230V / 250V / 50 HZ 10 Amps Watt Hour Meter.	Each	1100.00
	c	A.C single phase 230V / 250V / 50 HZ 20 Amps Watt Hour Meter.	Each	1100.00
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	2270.00
	b	A.C 3 phase 400V 50HZ unbalanced load 4 wire 25 Amps watt hour meter	Each	2270.00
	c	A.C 3 phase 400V 50HZ unbalanced load 4 wire 50 Amps watt hour meter	Each	2880.00

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
		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	97.30
	b	2 Core 10 sq.mm PVC armoured UG cable	Metre	118.50
	c	2 Core 16 sq.mm PVC armoured UG cable	Metre	128.50
	d	2 Core 25 sq.mm PVC armoured UG cable	Metre	146.00
	e	3 ¹ / ₂ Core 25 sq.mm PVC armoured UG cable	Metre	220.00
	f	3 ¹ / ₂ Core 35 sq.mm PVC armoured UG cable	Metre	259.00
	g	3 ¹ / ₂ Core 50 sq.mm PVC armoured UG cable	Metre	338.00
	h	3 ¹ / ₂ Core 70 sq.mm PVC armoured UG cable	Metre	433.00
	i	3 ¹ / ₂ Core 95 sq.mm PVC armoured UG cable	Metre	560.00
	j	3 ¹ / ₂ Core 120 sq.mm PVC armoured UG cable	Metre	685.00
	k	3 ¹ / ₂ Core 150 sq.mm PVC armoured UG cable	Metre	810.00
	l	3 ¹ / ₂ Core 185 sq.mm PVC armoured UG cable	Metre	994.00
	m	3 ¹ / ₂ Core 240 sq.mm PVC armoured UG cable	Metre	1255.00
	n	3 ¹ / ₂ Core 300 sq.mm PVC armoured UG cable	Metre	1540.00
	o	3 ¹ / ₂ Core 400 sq.mm PVC armoured UG cable	Metre	1970.00
	p	4 Core 6 sq.mm PVC armoured UG cable	Metre	126.00
	q	4 Core 10 sq.mm PVC armoured UG cable	Metre	138.00
	r	4 Core 16 sq.mm PVC armoured UG cable	Metre	182.00
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	8.95
	b	22 / 0.3 (1.5 sq.mm.)	Metre	14.05
	c	36 / 0.3 (2.5 sq.mm.)	Metre	21.80
	d	56 / 0.3 (4 sq.mm.)	Metre	34.60
	e	84 / 0.3 (6 sq.mm.)	Metre	51.20
	f	140 / 0.3 (10 sq.mm.)	Metre	76.80

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
	g	101 / 0.45 (16 sq.mm.)	Metre	125.50
	h	168 / 0.45 (25 sq.mm.)	Metre	277.00
III		CONDUCTOR		
	a	Hard drawn copper conductor (Gauge No. 8&6)	KG	519.00
	b	14 SWG TC wire	KG	531.00
	c	G.I.No.8 wire and No. 6 wire	KG	88.00
IV		CABLE GLANDS		
	a	Cable gland suitable for 2 core 4sq.mm UG cable.	Each	19.50
	b	Cable gland suitable for 2 core 6 sq.mm UG cable.	Each	24.20
	c	Cable gland suitable for 2 core 10 sq.mm UG cable.	Each	28.80
	d	Cable gland suitable for 2 core 16 sq.mm UG cable.	Each	42.60
	e	Cable gland suitable for 2 core 25 sq.mm UG cable.	Each	50.80
	f	Cable gland suitable for 3 ¹ / ₂ core 25 sq.mm UG cable.	Each	50.80
	g	Cable gland suitable for 3 ¹ / ₂ core 35 sq.mm UG cable.	Each	64.60
	h	Cable gland suitable for 3 ¹ / ₂ core 50 sq.mm UG cable.	Each	64.60
	I	Cable gland suitable for 3 ¹ / ₂ core 70 sq.mm UG cable.	Each	79.60
	j	Cable gland suitable for 3 ¹ / ₂ core 95 sq.mm UG cable.	Each	97.00
	k	Cable gland suitable for 3 ¹ / ₂ core 120 sq.mm UG cable	Each	123.50
	l	Cable gland suitable for 3 ¹ / ₂ core 150 sq.mm UG cable	Each	162.50
	m	Cable gland suitable for 3 ¹ / ₂ core 185 sq.mm UG cable	Each	192.50
	n	Cable gland suitable for 3 ¹ / ₂ core 240 sq.mm UG cable	Each	192.50
	o	Cable gland suitable for 3 ¹ / ₂ core 300 sq.mm UG cable	Each	230.00
	p	Cable gland suitable for 3 ¹ / ₂ core 400 sq.mm UG cable	Each	328.00
	q	Cable gland suitable for 3 ¹ / ₂ core 500 sq.mm UG cable	Each	382.00
	r	Cable gland suitable for 4 core 6 sq.mm UG cable	Each	24.20
	s	Cable gland suitable for 4 core 10 sq.mm UG cable.	Each	28.80
	t	Cable gland suitable for 4 core 25 sq.mm UG cable.	Each	50.80
V		FUSE WIRE (COPPER)		
	a	5 Amps fuse wire	KG	519.00

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
	b	10 Amps fuse wire	KG	519.00
	c	20 Amps fuse wire	KG	519.00
VI		NEUTRAL LINK 15 AMPS		
	a	4 Way Neutral link	Each	26.50
	b	6 Way Neutral link	Each	39.30
	c	8 Way Neutral link	Each	49.00
	d	12 Way Neutral link	Each	71.00
		PART "F"		
		M.S.BOX WITH PAINTING (16 SWG)		
	a	M.S.Box of size (100 x 100 x 75 mm)	Each	48.50
	b	M.S.Box of size (150 x 100 x 75 mm)	Each	67.00
	c	M.S.Box of size (200 x 150 x 75 mm)	Each	109.00
	d	M.S. Box complete with Lock & Key arrangements with painting of size (300 x 200 x 100mm)	Each	330.00
		PART "G"		
		MS ANGLES		
I	a	1 $\frac{1}{2}$ "x1 $\frac{1}{2}$ "x $\frac{1}{4}$ " (37.5 x 37.5 x 6.24mm) (1M=3.25 kg)	KG	50.40
	b	1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x $\frac{1}{2}$ " (37.5 x 37.5 x 12.5mm)	KG	50.40
	c	2" x 2" x $\frac{1}{2}$ " (50 x 50 x 12.5mm)	KG	50.40
II		ALUMINIUM FLAT		
	a	Aluminium Flat (1" x $\frac{1}{4}$ ") (25 x 6.25mm)	KG	192.00
	b	Aluminium Flat (1" x $\frac{1}{8}$ ")	KG	192.00
III		COPPER FLAT		
	a	Copper Flat (25 x 3mm)	KG	519.00
	b	Copper Flat (25 x 6mm)	KG	519.00
	c	Copper Flat (33 x 6mm)	KG	519.00
	d	Copper Flat (50 x 6mm)	KG	519.00
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	363.00

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
		PART "H"		
I		CONDUIT MATERIALS 16 GAUGE.		
	a	Conduit pipe 16mm (5/8") Heavy Gauge	Metre	33.00
	b	Conduit pipe 19mm (3/4") Heavy Gauge	Metre	34.10
	c	Conduit pipe 25mm (1") Heavy Gauge	Metre	41.90
	d	Conduit pipe 32mm (1 ¹ / ₄ ") Heavy Gauge	Metre	55.00
	e	Conduit pipe 38mm (1 ¹ / ₂ ") Heavy Gauge	Metre	65.00
II		CONDUIT TEE BENDS		
	a	Conduit Tee bends 16mm (5/8")	Dozen	93.00
	b	Conduit Tee bends 19mm (3/4")	Dozen	94.00
	c	Conduit Tee bends 25mm (1")	Dozen	112.00
	d	Conduit Tee bends 32mm (1 ¹ / ₄ ")	Dozen	116.00
	e	Conduit Tee bends 38mm (1 ¹ / ₂ ")	Dozen	145.00
	f	Conduit Tee bends 50mm (2")	Dozen	181.00
III		CONDUIT BENDS - 16 GAUGE		
	a	Conduit solit bends 16mm (5/8")	Dozen	88.00
	b	Conduit solit bends 19mm (3/4")	Dozen	98.00
	c	Conduit solit bends 25mm (1")	Dozen	115.00
	d	Conduit solit bends 32mm (1 ¹ / ₄ ")	Dozen	136.00
	e	Conduit solit bends 38mm (1 ¹ / ₂ ")	Dozen	193.00
	f	Conduit solit bends 50mm (2")	Dozen	236.00
IV		CONDUIT INSPECTION BEND-16 GAUGE		
	a	Conduit Inspection bends 16mm (5/8")	Dozen	88.00
	b	Conduit Inspection bends 19mm (3/4")	Dozen	91.00
	c	Conduit Inspection bends 25mm (1")	Dozen	116.00
	d	Conduit Inspection bends 32mm (1 ¹ / ₄ ")	Dozen	140.00
	e	Conduit Inspection bends 38mm (1 ¹ / ₂ ")	Dozen	181.00
	f	Conduit Inspection bends 50mm (2")	Dozen	205.00
	g	Conduit Inspection bends 65mm (2 ¹ / ₂ ")	Dozen	264.00

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
		PART "I"		
I		P.V.C.(RIGID) PIPES (1.8MM THICK) WITH ISI		
	a	P.V.C. rigid pipes 16mm (5/8")	Metre	14.20
	b	P.V.C. rigid pipes 20mm (3/4")	Metre	20.40
	c	P.V.C. rigid pipes 25mm (1")	Metre	30.30
	d	P.V.C. rigid pipes 32mm (1 ¹ / ₄ ")	Metre	45.90
	e	P.V.C. rigid pipes 40mm (1 ¹ / ₂ ")	Metre	65.40
	f	P.V.C. rigid pipes 50mm (2")	Metre	98.00
II		P.V.C. RIGID BENDS		
	a	P.V.C. rigid bends 16mm (5/8")	Each	3.30
	b	P.V.C. rigid bends 20mm (3/4")	Each	3.30
	c	P.V.C. rigid bends 25mm (1")	Each	4.50
	d	P.V.C. rigid bends 32mm (1 ¹ / ₄ ")	Each	7.95
	e	P.V.C. rigid bends 40mm (1 ¹ / ₂ ")	Each	19.80
	f	P.V.C. rigid bends 50mm (2")	Each	24.10
III		P.V.C COUPLES		
	a	P.V.C Couples 16mm (5/8")	Dozen	14.20
	b	P.V.C Couples 19mm (3/4")	Dozen	14.20
	c	P.V.C Couples 25mm (1")	Dozen	27.50
	d	P.V.C Couples 32mm (1 ¹ / ₄ ")	Dozen	62.70
	e	P.V.C Couples 38mm (1 ¹ / ₂ ")	Dozen	135.00
	f	P.V.C Couples 50mm (2")	Dozen	141.00
IV		P.V.C. TEES		
	a	P.V.C. Tees 16mm (5/8")	Dozen	14.20
	b	P.V.C. Tees 19mm (3/4")	Dozen	16.40
	c	P.V.C. Tees 25mm (1")	Dozen	20.90
	d	P.V.C. Tees 32mm (1 ¹ / ₄ ")	Dozen	93.60
	e	P.V.C. Tees 38mm (1 ¹ / ₂ ")	Dozen	301.00
	f	P.V.C. Tees 50mm (2")	Dozen	330.00

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
V		P.V.C. SADDLES	Dozen	
	a	P.V.C. Saddles 16mm (5/8")	Dozen	3.30
	b	P.V.C. Saddles 19mm (3/4")	Dozen	3.80
	c	P.V.C. Saddles 25mm (1")	Dozen	4.40
	d	P.V.C. Saddles 32mm (1 ¹ / ₄ ")	Dozen	5.50
	e	P.V.C. Saddles 38mm (1 ¹ / ₂ ")	Dozen	6.60
	f	P.V.C. Saddles 50mm (2")		13.20
VI		P.V.C. JUNCTION BOXES		
	a	Junction Boxes 1, 2, 3 & 4 way 16mm (5/8")	Dozen	44.00
	b	Junction Boxes 1, 2, 3 & 4 way 19mm (3/4")	Dozen	44.00
	c	Junction Boxes 1, 2, 3 & 4 way 25mm (1")	Dozen	51.70
	d	Junction Boxes 1, 2, 3 & 4 way 32mm (1 ¹ / ₄ ")	Dozen	115.00
	e	Junction Boxes 1, 2, 3 & 4 way 38mm (1 ¹ / ₂ ")	Dozen	137.00
VII		P.V.C. HYLEM SHEETS		
	a	Hylem sheet 3mm Thick	Sq.m	672.00
VIII		INSULATION TAPE P.V.C		
	a	PVC Insulation Tape (19mm)	Roll/10 mt	16.40
	b	Empire Tape (12mm)	Roll/10 mt	22.00
	c	Empire Tape (19mm)	Roll/10 mt	26.40
		PART "J"		
		TEAK WOOD MATERIALS		
I		T.W. BOX CONCEALED TYPE		
	a	T.W. Box concealed type 12" x 8" x 3"	Each	82.60
	b	T.W. Box concealed type 8" x 6" x 3"	Each	44.00
	c	T.W. Box concealed type 6" x 4" x 3"	Each	19.80
	d	T.W. Box concealed type 4" x 4" x 3"	Each	16.40
	e	T.W. Plugs 1 ¹ / ₂ " x 1" x 2"	1000 Nos.	341.00
	f	T.W. Round blocks	100 Nos.	660.00

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)	
		PART " K"			
I		CRIMPING LUGS SUITABLE FOR THE FOLLOWING SIZES			
		Size		Aluminium	Copper
	a	4.0 Sq.mm	Each	1.60	4.60
	b	6.0 Sq.mm	Each	1.80	4.60
	c	10.0 Sq.mm	Each	2.30	5.75
	d	16.0 Sq.mm	Each	2.30	6.90
	e	25.0 Sq.mm	Each	3.45	11.55
	f	35.0 Sq.mm	Each	4.60	12.65
	g	50.0 Sq.mm	Each	6.90	14.95
	h	70.0 Sq.mm	Each	9.20	24.20
	j	95.0 Sq.mm	Each	10.40	30.00
	j	120.0 Sq.mm	Each	13.85	41.50
	k	150.0 Sq.mm	Each	18.45	53.10
	l	185.0 Sq.mm	Each	24.20	80.80
	m	225.0 Sq.mm	Each	35.80	115.00
	n	240.0 Sq.mm	Each	39.25	115.00
	o	300.0 Sq.mm	Each	54.25	155.80
	p	400.0 Sq.mm	Each	80.80	236.00
II		CABLE ROUTE INDICATOR			
	a	Cable route indicator for L.T. Cable	Each Box	77.00	
	b	Cable route indicator for H.T. Cable	Each Box	77.00	
		PART "L"			
I		BRASS SCREWS			
	a	Brass Screws (20mm) 3/4" No.6	Gross	71.50	
	b	Brass Screws (25mm) 1" No.6	Gross	77.00	
	c	Brass Screws (40mm) 1 1/2" No.6	Gross	82.50	
	d	Brass Screws (20mm) 3/4" No.8	Gross	71.50	
	e	Brass Screws (25mm) 1" No.8	Gross	77.00	
	f	Brass Screws (50mm) 2" No.10	Gross	159.00	

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)
	g	Brass Screws (75mm) 3" No.10	Gross	236.00
II		Coach screws 2" x 1/4" (50 x 6.25mm)	Dozen	14.25
III		CONDUIT SADDLES		
	a	Conduit Saddles 16mm (5/8")	Gross	44.00
	b	Conduit Saddles 19mm (3/4")	Gross	46.80
	c	Conduit Saddles 25mm (1")	Gross	55.00
	d	Conduit Saddles 32mm (1 1/4")	Gross	71.50
	e	Conduit Saddles 38mm (1 1/2")	Gross	88.00
	f	Conduit Saddles 50mm (2")	Gross	99.00
	g	Conduit Saddles 65mm (2 1/2")	Gross	113.00
IV	A	SODIUM VAPOUR FITTINGS & LAMP (for External electrification & campus lighting)		
	a	250 Watts Sodium Vapour fittings	Each	3490.00
	b	250 Watts Sodium Vapour Lamp	Each	770.00
	c	150 Watts Sodium Vapour fittings	Each	3440.00
	d	150 Watts Sodium Vapour Lamp	Each	660.00
	e	70 Watts Sodium Vapour fittings	Each	2780.00
	f	70 Watts Sodium Vapour Lamp	Each	440.00
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	10460.00
	b	400 Watts Sodium Vapour Lamp	Each	1080.00
	c	250 Watts Sodium Vapour fittings	Each	7100.00
	d	250 Watts Sodium Vapour lamp	Each	880.00
	e	150 Watts Sodium Vapour fittings	Each	6670.00
	f	150 Watts Sodium Vapour Lamp	Each	716.00
	g	70 Watts Sodium Vapour fittings	Each	2860.00
	h	70 Watts Sodium Vapour Lamp	Each	495.00

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)	
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	202.50	148.00
	b	Single Pole 40A, 10KA	Each	412.50	308.50
	c	Single Pole & Neutral 6 A to 32A,10KA	Each	588.00	446.00
	d	Single Pole & Neutral 40A,10KA	Each	953.00	617.00
	e	Double Pole 6 A to 32A,10KA	Each	588.00	490.00
	f	Double Pole 40A,10KA	Each	953.00	670.00
	g	Triple Pole 6 A to 32A,10KA	Each	946.00	738.00
	h	Triple Pole 63A,10KA	Each	1450.00	1185.00
	I	Triple Pole & Neutral 6 A to 32A,10KA	Each	1250.00	963.00
	j	Triple Pole & Neutral 63A,10KA	Each	1870.00	1490.00
	k	Four Pole 6 A to 32A,10KA	Each	1250.00	1030.00
	l	Four Pole 63A,10KA	Each	1870.00	1580.00
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	974.00	580.00
	b	20 A Single Pole	Each	1045.00	585.00
	c	20 A Double Pole	Each	1130.00	--
	d	20 A Triple Pole	Each	1920.00	1110.00
	e	32 A Triple Pole	Each	2280.00	1500.00
	f	63 A Triple Pole	Each	9270.00	--
VIII	1	RCCB / ELCB			
	a	10 Amps 30 MA DP	Each	2750.00	2020.00
	b	25 Amps 30 MA DP	Each	2270.00	1740.00
	c	40 Amps 30 MA DP	Each	2510.00	1840.00

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)	
	2	RCCB / ELCB			
		FOUR POLE			
	a	25 Amps 30 MA	Each	3120.00	2140.00
	b	40 Amps 30 MA	Each	3160.00	2190.00
	c	63 Amps 30 MA *	Each	3650.00	2490.00
IX		HRC - FUSES			
	a	16 Amps	Each	64.60	34.60
	b	32 Amps	Each	66.90	57.70
	c	63 Amps	Each	138.00	72.50
	d	125 Amps	Each	323.00	161.00
	e	160 Amps	Each	403.00	217.00
	f	200 Amps	Each	415.00	217.00
	g	250 Amps	Each	577.00	321.00
X		MCB ISOLATORS		Legrand (MDS) / Hager (L&T)	All other makes with ISI (Std.) / HPL / Havell's / Equivalent)
A	a	32A - DP	Each	310.00	--
	b	32A - TP	Each	517.00	--
	c	32A - FP	Each	592.00	--
B	a	40A - DP	Each	428.00	297.00
	b	40A - TP	Each	740.00	544.00
	c	40A - FP	Each	950.00	664.00
C	a	63A - DP	Each	573.00	376.00
	b	63A - TP	Each	860.00	592.00
	c	63A - FP	Each	1040.00	693.00
D	a	100A - DP	Each	--	486.00
	b	100A - TP	Each	687.00	773.00
	c	100A - FP	Each	1100.00	845.00

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)	
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 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	1920.00	1200.00
	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	2380.00	1510.00
	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	2830.00	1830.00
	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	4230.00	2500.00
	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	2600.00	2060.00
	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	3210.00	2610.00
	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	3850.00	3200.00
	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	5680.00	4340.00
	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	3030.00	--

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)	
	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	3720.00	--
	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	4440.00	--
	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	6760.00	--
	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	7340.00	--
	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	8840.00	--
	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	9650.00	--
	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	13400.00	--
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	5360.00	3900.00
	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	6620.00	5220.00

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)	
	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	9630.00	6350.00
	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	6220.00	5110.00
	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	7880.00	6290.00
	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	10500.00	7730.00
	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	7500.00	--
	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	9550.00	--
	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	12700.00	--
	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	11600.00	--
	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	14000.00	--
	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	18800.00	--

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)	
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	5780.00	--
	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	6200.00	--
	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	6580.00	--
	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	7590.00	--
	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	6140.00	--
	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	6900.00	--
	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	7700.00	--

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)	
	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	9800.00	--
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.		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 - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 4	Each	705.00	383.00
	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	880.00	485.00
	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	1045.00	664.00
	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	1025.00	670.00
	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	1280.00	915.00
	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	1540.00	1180.00
	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	1210.00	--
	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	1430.00	--

Item No.		Details	Per	Rate approved for the year 2013-2014 (w.e.f. 01.06.2013)	
	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	1730.00	--
	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	3080.00	--
	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	3610.00	--
	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	4160.00	--

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

31/05/13