



**GOVERNMENT OF TAMIL NADU  
PUBLIC WORKS DEPARTMENT**

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

**BASIC RATES (EXCLUDING GST & OTHER TAXES)**

**2023-2024**

**[WITH EFFECT FROM 01.05.2023]**



**GOVERNMENT OF TAMIL NADU  
PUBLIC WORKS DEPARTMENT**

**OFFICE OF THE ENGINEER-IN-CHIEF & CHIEF ENGINEER (GENERAL),  
PUBLIC WORKS DEPARTMENT, CHENNAI-5.**

**Present:** *Er. R. Viswanath, M.E. (Structures),  
Engineer-in-Chief &  
Chief Engineer (General),  
PWD, Chennai-5.*

**Proceedings No. HDO (A) / 07721 / 2023-1, dated 28.04.2023**

**Sub:** Public Works Department – **Standard Schedule of Rates with Basic Rates for the year 2023-2024** for adoption in preparation of estimates with effect from **01.05.2023** – Approved – Communication of – Regarding.

**Ref:** Engineer-in-Chief, Chief Engineer (General) & Chief Engineer, Chennai Region, PWD, Chennai-5, Proceedings No. HDO (A) / 18064 / 2022-1, dated 19.07.2022.



The Standard Schedule of Rates with Basic Rates, Basic Cost of Cement and Basic Cost of Steel (excluding all taxes and GST) approved for the year **2023-2024** by the Schedule of Rates Committee for adoption in the preparation of estimates **with effect from 01.05.2023** are herewith enclosed for taking necessary action.

2.0. The receipt of Standard Schedule of Rates with Basic Rates for the year 2023-2024 along with its enclosures may be acknowledged.

**Encl.:**

Standard Schedule of Rates  
with Basic Rates, 2023-2024-1 Booklet

*[Signature]*  
**Engineer-in-Chief &  
Chief Engineer (General),  
PWD, Chennai-5.**  
*28/4/23*

**To**

1. The Engineer-in-Chief & Chief Engineer (General), WRD, Chennai-5.
2. The Director General, Highways Department, 76, Sardar Patel Road, Guindy, Chennai-25.
3. The Chief Engineer, Construction and Maintenance Wing, Highways Department, 76, Sardar Patel Road, Guindy, Chennai-25.

4. The Chief Engineer, WRD, Design Research and Construction Support, Chennai-5.
5. The Deputy Secretary to Government, Finance Department, Secretariat, Chennai-9.

Copy to all the Chief Engineers of Water Resources Department.

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

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

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**OFFICE OF THE ENGINEER-IN-CHIEF & CHIEF ENGINEER (GENERAL),  
PUBLIC WORKS DEPARTMENT, CHENNAI-5.**

**Present:** *Er. R. Viswanath, M.E. (Structures),  
Engineer-in-Chief &  
Chief Engineer (General),,  
PWD, Chennai-5.*

**Proceedings No. HDO (A) / 07721 / 2023-2, dated 28.04.2023**

**Sub:** Steel – Basic Cost for **STEEL** for adoption in the preparation of estimates during the year **2023-2024** with effect from **01.05.2023** – Approved – Communication of – Regarding.

**Ref:** Engineer-in-Chief, Chief Engineer (General) & Chief Engineer, Chennai Region, PWD, Chennai-5, Proceedings No. HDO (A) / 18064 / 2022-2, dated 19.07.2022.



The **Basic Cost of Steel (excluding all taxes and GST)** for the year 2023-2024 approved by the Schedule of Rates Committee for adoption in the preparation of estimates during the year 2023-2024 **with effect from 01.05.2023** is given below:

**Steel : Rs.58,000/- per MT**

(Rupees Fifty Eight Thousand only)

2.0. The above rate is excluding of all taxes & GST, 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.

*Dr. M. Vignesh*  
**Engineer-in-Chief &  
Chief Engineer (General),  
PWD, Chennai-5.**

*AM*  
**28/4/23**

**To**

1. The Engineer-in-Chief & Chief Engineer (General), WRD, Chennai-5.
2. The Director General, Highways Department, 76, Sardar Patel Road, Guindy, Chennai-25.
3. The Chief Engineer, Construction and Maintenance Wing, Highways Department, 76, Sardar Patel Road, Guindy, Chennai-25.

4. The Chief Engineer, WRD, Design Research and Construction Support, Chennai-5.
5. The Deputy Secretary to Government, Finance Department, Secretariat, Chennai-9.

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PUBLIC WORKS DEPARTMENT**

**OFFICE OF THE ENGINEER-IN-CHIEF & CHIEF ENGINEER (GENERAL),  
PUBLIC WORKS DEPARTMENT, CHENNAI-5.**

**Present:** *Er. R. Viswanath, M.E. (Structures),  
Engineer-in-Chief &  
Chief Engineer (General),  
PWD, Chennai-5.*

**Proceedings No. HDO (A) / 07721 / 2023-3, dated 28.04.2023**

**Sub:** Cement – Basic Cost for **CEMENT** for adoption in the preparation of estimates during the year **2023-2024** with effect from **01.05.2023** – Approved – Communication of – Regarding.

**Ref:** Engineer-in-Chief, Chief Engineer (General) & Chief Engineer, Chennai Region, PWD, Chennai-5, Proceedings No. HDO (A) / 18064 / 2023-2, dated 19.07.2022.



The **Basic Cost of Cement (excluding all taxes and GST)** for the year 2023-2024 approved by the Schedule of Rates Committee for adoption in the preparation of estimates during the year 2023-2024 **with effect from 01.05.2023** is given below:

**Cement : Rs.6,040/- per MT**

(Rupees Six Thousand and Forty only)

2.0. The above rate is excluding all taxes & GST, 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.

**Engineer-in-Chief &  
Chief Engineer (General),  
PWD, Chennai-5.**

**To**

1. The Engineer-in-Chief & Chief Engineer (General), WRD, Chennai-5.
2. The Director General, Highways Department, 76, Sardar Patel Road, Guindy, Chennai-25.
3. The Chief Engineer, Construction and Maintenance Wing, Highways Department, 76, Sardar Patel Road, Guindy, Chennai-25.

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**STANDARD SCHEDULE OF RATES**  
**[FOR BASIC ITEMS ONLY]**  
**BASIC RATES (EXCLUDING GST & OTHER TAXES)**

**2023-2024**  
**(W.E.F. 01.05.2023)**

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**GOVERNMENT OF TAMIL NADU  
PUBLIC WORKS DEPARTMENT**

**STANDARD SCHEDULE OF RATES FOR THE YEAR 2023-2024  
(WITH EFFECT FROM 01.05.2023)**

**GENERAL NOTE**

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.

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

- (i) Erstwhile Chennai Corporation limits and the belt area of 32 km around erstwhile Chennai Corporation limits (i.e.) prior to formation of Greater Chennai Corporation.
- (ii) Madurai Corporation limits.
- (iii) 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 Works, 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 Works 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 Works, 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 **Madurai**, 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** shall be allowable on the Rates of Materials which are 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, Rates of Works and Head Load shall be allowed for the works at Lower Camp above Kuruvanthu Bridge, Bodi Hills, Cumbam mettu, Sirumalai, Pachai Kamatchi Hills, Palani Hills, Tiruparankundram Hills, Idumban Hills, Megamalai 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 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 Districts.

## **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 Ramanathapuram 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. GENERAL FOOT NOTE:**

- (i) The rates of labour means the labour rates fixed under the head, **Rates of Labour**.
- (ii) The extra percentages provided are only applicable on the basic rates (excluding any other percentage increase given for specified reasons).
- (iii) **Rates of Works** includes the labour for earthwork, refilling foundation, dismantling, jungle clearance, head load, etc., also where human labour alone is involved.
- (iv) The percentage increase provided for the materials are applicable **only for the materials which are quarried or manufactured locally in the specified area**.
- (v) The percentage increase provided for **Rates of Works** are allowable only on the items where human labour alone is involved.
- (vi) The percentage increase provided for **Conveyance Charges** are allowable for the distance covered in the specified area / Special Tract only.
- (vii) The rate for **conveyance of bitumen** shall be as per the rates concluded by the Oil Companies.
- (viii) 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.

- (ix) 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.
- (x) 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 & Chief Engineer (General), PWD, Chennai-5 for consideration by the Schedule of Rates Committee and approval.
- (xi) The basic rates of labour and materials provided are exclusive of all taxes including GST.

**NOTE:**

- 1. The percentage extra allowable for Tunnels and Dam sites under hanging conditions may be adopted from the Schedule of Rates issued by the Engineer-in-Chief & Chief Engineer (General), Water Resources Department, Chennai-5.**

  
Engineer-in-Chief &  
Chief Engineer (General),  
PWD, Chennai-5.  
am 28/11/23

**STATEMENT SHOWING THE EXTRA PERCENTAGE ALLOWABLE  
AS PER GENERAL NOTE TO SCHEDULE OF RATES FOR THE YEAR 2023-2024  
(with effect from 01.05.2023)**

Sl. No.	Area	Percentage extra allowable on				
		Labour	Material	Rate of work (where human labour involved)	Conveyance	Head load
1	For works in (i) Erstwhile Chennai Corporation limits and the belt area of 32 km around erstwhile Chennai Corporation limits (i.e.) prior to formation of Greater Chennai Corporation, (ii) Madurai Corporation limits, (iii) 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%
<b>3</b>	<b>Restricted Areas</b>					
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%
<b>4</b>	<b>Hills</b>					
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 Madurai, 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%
<b>5</b>	<b>Islands</b>					
i	For works at Rameswaram Island in Ramanathapuram District	25%	-	25%	-	25%
ii	For works in other Islands, viz. Upputhannie, Puleevilaichalli, Alaiappar, Valimunai, Appa, Thalaisyari, Valai, Mullai, Manoli, Minidiputti, Nadu, Nallathannie, Pullivasal, Poomarichan, Muiyal, Singala, Kuruseedar Islands in Ramanathapuram District	125%	125%	125%	125%	125%
iii	For works in Van, Kasuvar, Karaichalli and Vilankurichi Islands in Thoothukudi District	125%	125%	125%	125%	125%
<b>NOTE:</b>						
1	The percentage extra allowable for Tunnels and Dam sites under hanging conditions may be adopted from the Schedule of Rates issued by the Engineer-in-Chief & Chief Engineer (General), Water Resources Department, Chennai-5					

### Structure for Unique Item Codes

Item Code	Item Type
L	Labour
M	Materials
W	Works
C	Head load and Conveyance
H	Hire Charges

**Note:**

Unique item codes in the Schedule of Rates are to be referenced during estimate preparation. The unique code follows a structure "A-1234" mentioned in the 'Unique Code' column in each sheet

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


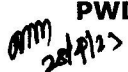
Unique Code	Description of Labour	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
<b>I</b>	<b>HIGHLY SKILLED CATEGORY</b>		
L-0001	Technical Assistant Grade-I (B.E.Passed)	Day	1216.00
L-0002	Technical Assistant Grade-II (Diploma in Engg. Passed / B.E. Failed / Degree in Geology for Ground Water Works)	Day	1096.00
L-0003	Technical Assistant Grade-III (Diploma in Engg. Failed / ITI (Civil) Passed)	Day	926.00
L-0004	Cinema Operator (ITI Passed)	Day	763.00
L-0005	Laboratory Assistant Grade-I (Post Graduate in Science)	Day	926.00
L-0006	Laboratory Assistant Grade-II (Degree in Science / Degree in Geology for Ground Water)	Day	849.00
L-0007	Laboratory Assistant Grade-III (With Degree Qualification to work as Works Clerk)	Day	763.00
L-0008	B.Sc., (Agriculture) Passed	Day	1096.00
L-0009	Computer Operator Grade-I [B.E. (Computer Science) / M.Sc., (Computer Science)]	Day	1216.00
L-0010	Computer Operator Grade-II [B.Sc. (Computer Science) / Diploma in Computer Science]	Day	1096.00
L-0013	Wireman Grade-I / Electrician Grade-I	Day	826.00
<b>II</b>	<b>SKILLED CATEGORY</b>		
L-0014	Blacksmith-I Class	Day	769.00
L-0016	Carpenter-I Class	Day	976.00
L-0017	Cleaner-First Grade	Day	519.00
L-0018	Fitter-I Class	Day	881.00
L-0019	Fitter (Pipe Laying / Bar Bending)-I Class	Day	866.00
L-0020	Floor Polisher	Day	769.00

<b>Unique Code</b>	<b>Description of Labour</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
L-0021	Hammer Mazdoor	Day	618.00
L-0023	Driver (Light Duty)	Day	769.00
L-0024	Driver (Heavy Duty)	Day	820.00
L-0025	Maistry, Road Inspector & Work Inspector	Day	740.00
L-0026	Maistry, Road Inspector & Work Inspector (Degree Holder)	Day	820.00
L-0027	Skilled Mason Class-I for Heritage Work	Day	1409.00
L-0028	Skilled Mason Class-II for Heritage Work	Day	1232.00
L-0029	Mason for Brick Work-I Class	Day	999.00
L-0030	Skilled Sthapathy Brick Mason for Heritage Work	Day	1761.00
L-0031	Mason for Stone Work-I Class	Day	999.00
L-0032	Skilled Sthapathy Stone Mason for Heritage Work	Day	1761.00
L-0033	Mechanic-I Class	Day	769.00
L-0036	Painter / Varnisher-I Class	Day	797.00
L-0037	Pile Driver	Day	708.00
L-0038	Plumber-I Class	Day	866.00
L-0039	Sawyer	Day	708.00
L-0040	Smith-I Class	Day	766.00
L-0041	Stone Cutter-I Class	Day	766.00
L-0042	Syrang-I Class	Day	766.00
L-0043	Tinker-I Class	Day	618.00
L-0044	Turner-I Class	Day	708.00
L-0045	Time Keeper-I Class	Day	766.00
L-0046	Welder / Bracer-I Class	Day	766.00
L-0050	Wodder	Day	644.00
L-0051	Compressor Operator	Day	677.00
L-0052	Geological Assistant	Day	947.00
L-0053	Stone & Crusher Operator	Day	677.00

<b>Unique Code</b>	<b>Description of Labour</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
L-0054	Wireman Grade-II / Electrician Grade-II	Day	820.00
L-0055	Lift Operator	Day	740.00
L-0056	Laboratory Attendant	Day	551.00
L-0057	Sound Service Operator	Day	618.00
L-0058	Electrical Maistry	Day	947.00
<b>III</b>	<b>SEMI SKILLED CATEGORY</b>		
L-0059	Axe Mazdoor	Day	608.00
L-0060	Blacksmith-II Class	Day	738.00
L-0061	Bullocks Pair with Driver (with Bandy)	Day	1204.00
L-0062	Bullocks Single with Driver (with Bandy)	Day	866.00
L-0063	Carpenter-II Class	Day	932.00
L-0065	Cleaner-Second Grade	Day	513.00
L-0067	Fitter-II Class	Day	856.00
L-0068	Fitter (Pipe Laying / Bar Bending)-II Class	Day	839.00
L-0069	Gardener	Day	608.00
L-0070	Jumper Mazdoor	Day	608.00
L-0071	Mason for Brick Work-II Class	Day	932.00
L-0072	Mason for Stone Work-II Class	Day	932.00
L-0073	Mazdoor Category-I	Day	651.00
L-0074	Head Mazdoor	Day	674.00
L-0075	Mechanic-II Class	Day	738.00
L-0077	Painter / Varnisher-II Class	Day	772.00
L-0078	Plumber-II Class	Day	839.00
L-0079	Pump Driver	Day	674.00
L-0080	Smith-II Class	Day	738.00
L-0081	Stone Cutter-II Class	Day	738.00
L-0082	Syrang-II Class	Day	738.00

Unique Code	Description of Labour	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
L-0083	Thatcher	Day	644.00
L-0084	Tinker-II Class	Day	608.00
L-0085	Turner-II Class	Day	674.00
L-0086	Time Keeper-II Class	Day	738.00
L-0087	Welder / Bracer-II Class	Day	738.00
L-0090	Mazdoor employed for Geological mapping	Day	652.00
L-0091	Mazdoor employed for Pitting, Trenching, Sampling & Drilling works	Day	652.00
L-0092	Mazdoor employed for Geophysical investigation works	Day	652.00
L-0093	Head Mazdoor to supervise exploratory works	Day	688.00
L-0094	Mixer Operator (including concrete mixer)	Day	708.00
L-0095	Mixer Driver	Day	674.00
L-0096	Heavy Mazdoor	Day	708.00
L-0097	Electrical Helper	Day	644.00
<b>IV</b>	<b>UN-SKILLED CATEGORY</b>		
L-0098	Mazdoor Category-II	Day	534.00
<b>V</b>	<b>IN RESPECT OF HIGHWAYS DEPARTMENT</b>		
	<b>SKILLED CATEGORY</b>		
L-0099	Bitumen Heat Master Operator	Day	851.00
L-0100	Bitumen Raker Man	Day	851.00
L-0101	Mini Hot Mix Plant Operator	Day	851.00
L-0102	Bitumen Sprayer Man	Day	817.00
L-0103	Guniting Gun Operator	Day	775.00
	<b>SEMI SKILLED CATEGORY</b>		
L-0104	Head Mazdoor	Day	758.00
L-0105	Guniting Plant Operator	Day	743.00
L-0106	Mazdoor-I	Day	736.00

Unique Code	Description of Labour	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>UN-SKILLED CATEGORY</b>		
L-0107	Mazdoor-II	Day	597.00
<b>NOTE:</b>			
1	The Basic Rate adopted under this Head, "Annexure-I – Rates of Labour" is exclusive of all taxes and GST.		
2a	The 9 Nos. of Rates of Labour pertaining to Highways Department has been included in this Head, based on the instructions issued by the Government vide letter No.5847 / G2 / 2022-1, PWD, dated 13.07.2022.		
2b	For night works including bridge works in all Corporation and Municipal Areas, an extra 25% over the Rates of Labour charges only may be allowed.		
2c	The extra 25% for labour rates is applicable to only items of works which are necessarily to be carried out during night with appropriate clause incorporated in the tender document. The increase is applicable on the basic rates only (excluding extra percentage provided for specified areas).		
3	The Rates of Labour other than mentioned above shall be adopted from the Schedule of Rates issued by the Engineer-in-Chief & Chief Engineer (General), Water Resources Department, Chennai-5		
4	<p>The following Unique Code (12 Nos.) of Rates of Labour pertains to Water Resources Department</p> <p>Unique Code L-0011 - Irrigation Community Organiser Grade-I, Unique Code L-0012 - Irrigation Community Organiser Grade-II, Unique Code L-0015 - Boat Mazdoor, Unique Code L-0022 - Head Mazdoor for Well Sinking, Unique Code L-0034 - Mopla-I Class, Unique Code L-0035 - Navagonies or Javali Man-I Class, Unique Code L-0047 - Well Diver for Removing Silt-I Class, Unique Code L-0048 - Well Sinker-I Class, Unique Code L-0049 - Well Sinking Diver working with Helmet (above two metres depth of water), Unique Code L-0064 - Caulker, Unique Code L-0066 - Ferry Mazdoor, Unique Code L-0076 - Mopla-II Class, Unique Code L-0088 - Well Diver for Removing Silt-II Class and Unique Code L-0089 - Well Sinker-II Class</p>		

  
**Engineer-in-Chief &  
Chief Engineer (General),  
PWD, Chennai-5.**  


## ANNEXURE-II

### II. RATES OF MATERIALS

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0001	Cement	MT	6040.00
M-0002	Steel	MT	58000.00
	<b>A. BRICKS AND TILE PRODUCTS</b>		
	Second Class Table Moulded Chamber Burnt Bricks		
M-0003	9" x 4 <sup>1</sup> / <sub>2</sub> " x 3"	1000 Nos.	7887.00
M-0004	9" x 4 <sup>3</sup> / <sub>8</sub> " x 2 <sup>3</sup> / <sub>4</sub> "	1000 Nos.	7585.00
	Second Class Ground Moulded Chamber Burnt Bricks		
M-0005	9" x 4 <sup>1</sup> / <sub>2</sub> " x 3"	1000 Nos.	6795.00
M-0006	9" x 4 <sup>3</sup> / <sub>8</sub> " x 2 <sup>3</sup> / <sub>4</sub> "	1000 Nos.	6595.00
	Third Class Country Brick Kiln Burnt		
M-0007	8 <sup>3</sup> / <sub>4</sub> " x 4 <sup>1</sup> / <sub>4</sub> " x 2 <sup>3</sup> / <sub>4</sub> "	1000 Nos.	5709.00
M-0008	8 <sup>3</sup> / <sub>4</sub> " x 4 <sup>1</sup> / <sub>4</sub> " x 2 <sup>1</sup> / <sub>4</sub> "	1000 Nos.	4489.00
M-0009	8 <sup>3</sup> / <sub>4</sub> " x 4 <sup>1</sup> / <sub>4</sub> " x 2"	1000 Nos.	4299.00
	Fly Ash Bricks		
M-0010	230 x 110 x 70mm	1000 Nos.	6595.00
M-0011	230 x 110 x 75mm	1000 Nos.	6795.00
	<b>Specially Moulded Country Brick for well steining</b>		
M-0012	8 <sup>3</sup> / <sub>4</sub> " x 4 <sup>1</sup> / <sub>4</sub> " x 2"	1000 Nos.	2526.00
M-0013	Perforated Bricks 19 x 9 x 9cm	1000 Nos.	3854.00
M-0014	Terrace Bricks 15 x 7.5 x 2.5cm	1000 Nos.	989.00
M-0015	Special Bricks 8" x 4" x 2" for Heritage Works	1000 Nos.	13365.00
M-0016	Terrace Bricks 6" x 3" x 1" for Heritage Works	1000 Nos.	10020.00
	Wire Cut Bricks for Heritage Works		
M-0017	Size 9" x 4" x 3"	1000 Nos.	13365.00
M-0018	Size 9" x 4" x 2"	1000 Nos.	11140.00
M-0019	Size 9" x 6.5" x 2"	1000 Nos.	16705.00
	Flat Tiles		
M-0020	15cm x 15cm x 12mm	1000 Nos.	8087.00
M-0021	15cm x 15cm x 20mm	1000 Nos.	9604.00

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	Brick Jelly		
M-0022	40mm size	cum.	705.00
M-0023	20mm size	cum.	786.00
	Pressed Tiles		
M-0024	20 x 20 x 2cm	1000 Nos.	11356.00
M-0025	23 x 23 x 2cm	1000 Nos.	16106.00
	Pan Tiles		
M-0026	23cm x 8cm x 1.7cm	1000 Nos.	441.35
M-0027	16.5cm x 8cm x 1.7cm	1000 Nos.	363.30
	Best Mangalore Tiles		
M-0028	I Class'A'	1000 Nos.	10594.00
M-0029	Class 'AA'	1000 Nos.	10807.00
M-0030	Best Mangalore Ridge Tiles	1000 Nos.	31007.00
M-0031	Best Mangalore Ceiling Tiles	1000 Nos.	6514.00
M-0032	Best Mangalore Glass Roofing Tiles	Each	304.00
M-0033	Best Mangalore Ventilating Tiles (Single)	Each	45.45
M-0034	Best Mangalore Ventilating Tiles (Double)	Each	57.55
	Mosaic Flooring Tiles (Grey)		
M-0035	Mosaic (Grey) Tile 25 x 25 x 2cm	1000 Nos.	11907.00
M-0036	Mosaic (Grey) Tile 20 x 20 x 2cm	1000 Nos.	7605.00
	Mosaic (other Colour)		
M-0037	Mosaic (other colour) Tile 25x25x2cm	1000 Nos.	16432.00
M-0038	Mosaic (other colour) Tile 20x20x2cm	1000 Nos.	9696.00
M-0039	Mosaic (Green) Tile 20 x 20 x 2cm	1000 Nos.	11907.00
M-0040	Mosaic (Green) Tile 25 x 25 x 2cm	1000 Nos.	18674.00
M-0041	Mosaic Chequered Tile Grey Colour Size 25 x 25 x 2 cm	1000 Nos.	14948.00
	Attangudi Tiles for Heritage Works		
M-0042	Size 8" x 8" x 3/4"	Each	26.95
M-0043	Size 10" x 10" x 3/4"	Each	32.70
M-0044	Size 12" x 12" x 3/4"	Each	50.00

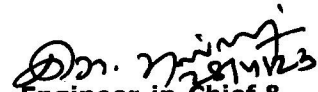
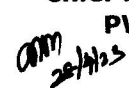
Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>B. STONE AND ROAD MATERIALS</b>		
M-0045	Rough Stone for masonry works (Hard Granite)	cum.	449.40
M-0048	Cut Stone Pillar of size 0.15 x 0.15 x 2.10m	Each	165.60
M-0050	From boulders without blasting for masonry	cum.	147.45
M-0051	Course Rubble Stone for masonry works	cum.	358.50
M-0052	Course Rubble Stone for Arch works	cum.	388.80
M-0058	Ashlar Arch Stone Fully Dressed to size all faces	cum.	4893.00
M-0059	Flooring Stone SS Size (Not less than 10cm thick)	sqm.	356.50
M-0064	Bond Stones	cum.	648.40
	Hard Broken Granite Stone Jelly (I.S.S.) Machine crushed / Hand broken		
M-0082	HBGS Jelly 90mm size	cum.	457.70
M-0083	HBGS Jelly 80mm size	cum.	512.50
M-0084	HBGS Jelly 63mm size	cum.	591.70
M-0085	HBGS Jelly 50mm size	cum.	687.00
M-0086	HBGS Jelly 40mm size	cum.	1069.80
M-0087	HBGS Jelly 25mm size	cum.	919.00
M-0088	HBGS Jelly 20mm size	cum.	1489.00
M-0089	HBGS Jelly 12mm size	cum.	1382.00
M-0090	HBGS Jelly 10mm size	cum.	1016.00
M-0091	HBGS Jelly 6mm size	cum.	687.00
M-0092	HBGS Jelly 3mm size	cum.	618.00
	Hard Broken Granite Stone Jelly (IRC) Machine crushed / Hand broken		
M-0093	HBGS Jelly 90mm size	cum.	460.80
M-0094	HBGS Jelly 75mm size	cum.	514.60
M-0095	HBGS Jelly 63mm size	cum.	665.80
M-0096	HBGS Jelly 53mm size	cum.	812.00
M-0097	HBGS Jelly 46.50mm size	cum.	1092.00
M-0098	HBGS Jelly 45mm size	cum.	1092.00
M-0099	HBGS Jelly 37.50mm size	cum.	1114.00
M-0100	HBGS Jelly 26.50mm size	cum.	1051.00

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0101	HBGS Jelly 25mm size	cum.	1051.00
M-0102	HBGS Jelly 22.40mm size	cum.	1528.00
M-0103	HBGS Jelly 13.20mm size	cum.	1417.00
M-0104	HBGS Jelly 11.20mm size	cum.	961.00
M-0105	HBGS Jelly 6.7mm / 6mm / 5.6mm size	cum.	712.50
M-0106	HBGS Jelly 4.75mm size & below	cum.	630.30
	Quartz metal		
M-0107	Quartz Metal 50mm	cum.	97.75
M-0108	Quartz Metal 40mm	cum.	98.75
M-0115	Laterite 40 to 75mm size	cum.	97.75
M-0116	Kankar 40 to 75mm size	cum.	97.75
M-0117	Soling Stones un-blasted 15cm cube	cum.	114.10
M-0118	Soling Stones blasted 15cm cube	cum.	185.80
M-0119	Gravel	cum.	222.70
M-0120	Well Gravel	cum.	166.50
M-0121	Screened Kankar Gravel	cum.	121.90
M-0122	Quarry Rubbish	cum.	96.65
M-0123	Stone Dust	cum.	123.70
M-0124	Pond Ash (wet / dry)	cum.	95.65
M-0125	Crushed Stone Sand (Commercially called M-Sand)	cum.	1338.00
M-0126	Plastering Sand (P-Sand)	cum.	1343.00
M-0127	Sand for Mortar *	cum.	As per G.O.Ms.No.4, Public Works (I.Spl.2) Dept., dt.06.01.2022
M-0128	Sand for Filling *	cum.	
M-0129	Clay for Puddle & Masonry	cum.	37.35
M-0130	Cuddapah Slab 50mm Thick	sqm.	425.00
M-0131	Cuddapah Slab 38 / 40mm Thick	sqm.	408.00
M-0132	Cuddapah Slab 20 / 30mm Thick	sqm.	376.70
	<b>C. Lime</b>		
M-0133	Shell Lime (Slaked & Screened)	cum.	1348.00
M-0134	Freshly Slaked & Screened Burnt Lime Stone	cum.	993.00
M-0135	Stone Lime or Lime Metal	cum.	85.60

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0136	Unslaked Freshly Burnt Lime (CaO not less than 75%) for use in Heritage Construction Works	cum.	10345.00
M-0137	Freshly Slaked and Screened Lime (CaO not less than 85%) for Theervai Plastering in Heritage Works	cum.	15500.00
	<b>D. Timber and Roofing Materials</b>		
M-0138	TW Scantlings (over 3m for joist and rafters) - Malabar	cum.	116600.00
M-0139	TW Scantlings (for tiebeams & principal rafters) - Malabar	cum.	114700.00
M-0140	TW Scantlings (over 2m & below 3m in length) - Malabar	cum.	111600.00
M-0141	TW Scantling (below 2m in length) - Malabar	cum.	99400.00
M-0142	TW Planks (over 45cm wide & 12mm thick)	cum.	123100.00
M-0143	TW Planks (30-45cm wide & 12mm thick)	cum.	114300.00
M-0144	TW Planks (30-45cm wide & 12-25mm thick)	cum.	107000.00
M-0145	TW Planks (30-45cm wide & 25-40mm thick)	cum.	102600.00
M-0146	TW Planks (15-30cm wide & 12mm thick)	cum.	99900.00
M-0147	TW Planks (15-30cm wide & 12-25mm thick)	cum.	95000.00
M-0148	TW Planks (15-30cm wide & 25-40mm thick)	cum.	93100.00
M-0149	TW Planks (upto 15cm wide & 12mm thick)	cum.	91300.00
M-0150	TW Planks (upto 15cm wide & 12-25mm thick)	cum.	91300.00
M-0151	TW Planks (upto 15cm wide & 25-40mm thick)	cum.	86200.00
M-0152	Seasoned Teakwood for Scantling and Planks for Heritage Works	cum.	185200.00
	<b>Teak Wood Reepers</b>		
M-0153	TW Reepers 50 x 25mm	RM	76.00
M-0154	TW Reepers 50 x 12mm	RM	61.00
	<b>Country Wood Scantling</b>		
M-0155	CW Scantling (upto 4m in length)	cum.	34300.00
M-0156	CW Scantling (over 4m in length)	cum.	36200.00
M-0157	CW Scantling (for tie beams & principal rafters for trusses)	cum.	36200.00
M-0158	Jack Wood Scantlings (upto 4m)	cum.	37900.00
M-0159	Silver Oak Scantlings	cum.	15500.00

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>Country Wood Planks</b>		
M-0160	CW Planks (upto 30cm wide-40mm thick)	cum.	39400.00
M-0161	CW Planks (upto 30cm wide-25mm thick)	cum.	39400.00
M-0162	CW Planks (over 30cm wide-40mm thick)	cum.	39400.00
M-0163	CW Planks (over 30cm wide-25mm thick)	cum.	39400.00
M-0164	JW Planks (25-40mm thick)	cum.	41300.00
M-0165	Silver Oak Plank (40mm thick)	cum.	17600.00
M-0166	Bluegum Plank	cum.	18100.00
	<b>Country Wood Reepers</b>		
M-0167	CW Reepers (50 x 25mm)	RM	34.60
M-0168	CW Reepers (50 x 12mm)	RM	24.90
M-0169	Mango Plank	cum.	16700.00
M-0170	Palmyrah Rafter (50-60mm wide & 125mm depth)	RM	49.50
M-0171	Palmyrah Leaves	100 Nos.	255.00
M-0172	Palmyrah Leaves (labour for cutting)	100 Nos.	40.20
	<b>Casurina Poles</b>		
M-0173	Casurina Poles 13cm-15cm dia	RM	33.00
M-0174	Casurina Poles 10cm-13cm dia	RM	25.20
M-0175	Casurina Poles 8cm-10cm dia	RM	19.20
M-0176	Casurina Poles 5cm-8cm dia	RM	17.50
	<b>Eucalyptus Poles</b>		
M-0177	13cm to 15cm dia	RM	33.00
M-0178	10cm to 13cm dia	RM	23.60
M-0179	8cm to 10cm dia	RM	19.20
M-0180	5cm to 8cm dia	RM	16.40
M-0181	Below 5cm	RM	15.00
M-0182	Eucalyptus Bullies 4cm to 5cm dia and cross ties	RM	12.00
M-0183	Casurina Bullies 4cm-5cm dia & cross ties	RM	13.50
M-0184	Bamboo Large (10cm dia and above)	RM	12.00
M-0185	Bamboo (7.5cm-10cm dia)	RM	10.60

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>E. Metal and Iron Items</b>		
M-0186	Mild Steel Plates or Sheets BG 10	Kg	53.00
M-0187	Mild Steel Angles 25 x 25 x 3 mm	Kg	53.00
M-0188	Binding Wire (Black 18 G)	Kg	56.35
M-0189	Binding Wire (Galvanised-18 G)	Kg	56.35
M-0190	GI Sheets 30cm wide and 1.6mm thick	sqm.	391.10
M-0191	Weld Mesh 7.5 x 2.5cm 10 Gauge	sqm.	379.90
M-0192	Weld Mesh 7.5 x 5cm 10 Gauge	sqm.	339.60
M-0193	Weld Mesh 10 x 10cm 10 Gauge	sqm.	183.80
M-0194	Chicken Mesh	sqm.	40.65
M-0195	Fly Proof Mesh	sqm.	116.55
M-0196	Supplying Mild Steel Grills for windows, ventilators, etc., including priming coat	Kg	70.15
<b>NOTE:</b>			
1	The Basic Rate adopted under this Head, "Annexure-II – Rates of Materials" is exclusive of all taxes and GST.		
2	* The cost of sand as indicated Unique Code M-0127 & M-0128 is at Government Sand Depot.		
3	For all the materials viz. Bricks and Tile Products, Stone Jelly including ISS and IRC, Gravel, Sand, Lime Stone, etc., necessary incidental charges, loading charges and unloading charges have been included in the basic cost of materials listed above. Hence, no separate incidental charges, loading charges and unloading charges shall be allowed for the above materials.		
4	The Hard Broken Granite Stone Jelly (IRC) Hand Broken / Machine Crushed pertaining to Highways Department has been included in this Head, based on the instructions issued by the Government vide letter No.5847 / G2 / 2022-1, PWD, dated 13.07.2022.		
5	The following Unique Code (39 Nos.) of Rates of Materials pertains to Water Resources Department B. STONE AND ROAD MATERIALS Unique Code M-0046 & M-0047, M-0049, M-0053 to M-0057, M-0060 to M-0063 and M-0065 to M-0081		

  
**Engineer-in-Chief &**  
**Chief Engineer (General),**  
**PWD, Chennai-5.**  


# ANNEXURE-III

## III. RATES OF WORKS

Unique Code	Description of Works	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>A. Clearing the Site</b>		
W-0001	Clearing Heavy Jungle	sqm.	7.80
W-0002	Clearing Light Jungle	sqm.	5.85
W-0003	Clearing Scrub Jungle	sqm.	5.40
W-0004	Uprooting & Removing Large Palmyrah / Coconut Stumps	Each	161.00
W-0005	Uprooting & Removing Small Palmyrah / Coconut Stumps	Each	115.65
W-0007	Cleaning Juliflora Jungle with Uprooting	sqm.	8.90
W-0008	Cleaning Juliflora Jungle without Uprooting	sqm.	6.75
	<b>B. Dismantling</b>		
	Dismantling, clearing away and carefully stacking materials useful for re-use for any thickness of walls		
W-0009	Brick / Stone in Clay Walls under 3m high	cum.	68.65
W-0010	Brick / Stone in Clay Walls, add for every additional 3m or part there of over the initial height of 3m	cum.	22.75
W-0011	Mud / Sun Dried Brick Walls under 3m high	cum.	46.00
W-0012	Mud / Sun Dried Brick Walls, add for every additional 3m or part there of over the initial height of 3m	cum.	13.00
W-0013	Brick / Stone Masonry in lime mortar walls under 3m high	cum.	210.00
W-0014	Brick / Stone Masonry in lime mortar walls, add for every additional 3m or part there of over the initial height of 3m	cum.	23.20
W-0015	Brick / Stone Masonry in cement mortar walls under 3m high	cum.	257.40
W-0016	Brick / Stone Masonry in cement mortar walls, add for every additional 3m or part there of over the initial height of 3m	cum.	27.20
W-0017	Terracing work in roof or floor	sqm.	69.70
W-0018	Flag Stone in roof or floor including lifting	sqm.	36.75
W-0021	Removal of Cut Stone Slabs / RCC Cover Slabs	sqm.	466.30
W-0022	Refixing Cut Stone Slab / RCC Cover Slab	sqm.	511.60
W-0023	Pantile or Mangalore Tiled Roof without Roof Timbers	sqm.	18.05
W-0024	Flat & Pan Tiles or Manglore Tile over Flat Tiles without roof timbers	sqm.	25.30

Unique Code	Description of Works	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
W-0025	AC Sheet Roofing without roof timbers	sqm.	16.05
W-0026	Corrugated Iron Sheet Roofing over Pan Tiles without roof timbers	sqm.	27.20
W-0027	Old Thatched Roof including tying materials into small bundles for re-use	sqm.	7.80
W-0028	Wrought and put-up Framed Timbers in roofs / floors	cum.	674.00
W-0029	Doors and Windows including removal of frames, hinges and fastenings	sqm.	139.60
W-0033	Dismantling Lime Concrete	cum.	321.70
W-0034	Dismantling Plain Cement Concrete	cum.	442.00
W-0035	Dismantling RCC by manual / by using deploying machineries	cum.	3917.00
W-0036	Chipping of concrete and roughening the surface	sqm.	36.70
W-0037	Pressed Tiles & Weathering Course	sqm.	41.80
W-0038	One Course of Pressed Tile Roof finish in cement mortar	sqm.	23.20
W-0039	One Course of Terrace Bricks Roof finish in cement mortar	sqm.	27.10
W-0040	Two Course of Flat Tiles Roof finish in cement mortar	sqm.	27.10
W-0041	Mosaic-in-situ finish in cement mortar in flooring and in wall surface	sqm.	57.50
W-0042	Floor finish & dadoing walls in cement mortar with Mosaic Tiles / Glazed Tiles / Clay Tiles / Cuddapah Slabs	sqm.	55.70
	<b>C. Earth Work</b>		
W-0055	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.	74.85
W-0056	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.	93.60
W-0061	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.	112.05

Unique Code	Description of Works	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
W-0062	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.	166.90
W-0063	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.	265.10
W-0064	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.	293.15
W-0065	Extra for every additional 10 metre lead or part thereof over the initial lead	cum.	13.55
W-0066	Extra for every additional 1 metre lift or part thereof over the initial lift	cum.	10.55
W-0074	Refilling with excavated sand complying with standard specification for filling in foundation and basement.	cum.	34.20
W-0075	Refilling with excavated soil (other than sand) complying with standard specification for filling in foundation and basement.	cum.	38.95
	<b>D. Open Well Excavation</b>		
W-0076	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.	74.85
W-0077	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, murram, gravel, stoney earth and earth mixed with small size boulders and hard gravelly soil - First depth of 2 metre	cum.	111.70
W-0078	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.	172.10

Unique Code	Description of Works	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
W-0079	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.	277.10
W-0080	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.	414.60
W-0081	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.	812.30
	<b>E. Rate for Earth Work Deploying Machinery</b>		
W-0085	Earth work in all soils except hard rock requiring blasting and conveying for formation of bund with lead of 0 to 100 metre deploying earth moving machinery and tippers including benching, formation of bunds, breaking clods, sectioning etc., complete	cum.	52.35
W-0086	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, sectioning etc., complete	cum.	4.10
	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		
W-0087	having width up to 3m	cum.	30.85
W-0088	having width of 3m -10m	cum.	37.85
W-0089	Earth work excavation deploying earth moving machinery for desilting channel having a width of more than 10m and forming bund on either sides and depositing the earth on banks including jungle clearance etc complete	cum.	44.05
	<b>F. LIFT CHARGES - Concrete - Brick or Stone Masonry - Above or Below Ground Level</b>		
	<b>STATEMENT I</b>		
	<b>Concrete - Above Ground Level</b>		
W-0090	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.	119.85

Unique Code	Description of Works	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
W-0091	Add for works in every upper floor over the rate of preceeding floor	cum.	236.10
	<b>Brick or Stone Masonry - Above GL</b>		
W-0092	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.	78.90
W-0093	Add for works in every upper floor over the rate of preceeding floor	cum.	159.20
	<b>STATEMENT II</b>		
	<b>Concrete - Below Ground Level</b>		
W-0094	Add the basic rate for works 1.50m depth and upto 4.5m depth below ground level	cum.	117.90
W-0095	Add the basic rate for works 4.50m depth and upto 9m depth below ground level	cum.	236.70
W-0096	Add extra over the above item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	cum.	236.70
	<b>Brick or Stone Masonry - Below GL</b>		
W-0097	Add the basic rate for works 1.50m depth and upto 4.50m depth below GL	cum.	79.20
W-0098	Add the basic rate for works above 4.50m depth and upto 9.0m depth below GL	cum.	158.90
W-0099	Add extra over the above item 2 for every additional 4.50m depth beyond 9.0m depth below ground level	cum.	158.90
	<b>G. Concrete Vibrators</b>		
W-0100	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.	69.80
W-0101	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.	94.20
	<b>H. Plastering</b>		
W-0102	Clean removal of lime plaster from walls and racking out joints 20mm deep or from terraced roofs racking out joints 12mm deep	sqm.	9.40
W-0103	Clean removal of lime plaster from walls	sqm.	7.25
W-0104	Clean removal of cement plaster from walls	sqm.	7.70


Unique Code	Description of Works	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
W-0105	Clean removal of cement plaster from walls and racking out joints 20mm deep	sqm.	10.20
	<b>I. White Washing, Colour Washing &amp; Distempering</b>		
W-0106	Thorough scrapping of old plastered surface	sqm.	4.20
W-0107	Washing of plastered surface with soap, soda and water (or with soda lime, brush and water)	sqm.	5.25
	<b>J. Painting, Wood Oiling, Tarring, Varnishing, Bee's Waxing Etc.,</b>		
W-0108	Removing old paint from doors and windows by blow lamp and scrapping, including removal and re-fitting of shutters.	sqm.	34.45
W-0109	Removing old paint from doors and windows by scrapping and refitting of shutters.	sqm.	14.50
W-0110	Removing paint from doors, windows & wood works by manual labour	sqm.	9.85
W-0111	Removing old paint from structural steel by blow lamp or sand paper	sqm.	20.65
W-0112	Scrapping and removing old paint from structural steel by manual labour	sqm.	9.10
W-0113	Removing old paint from iron surface with sand paper	sqm.	8.55
W-0114	Repolishing the mosaic flooring including polishing stone and hire charges for polishing machine but excluding cost of electrical charges	sqm.	20.30
	<b>K. Cutting and Threading of GI Pipe</b>		
W-0123	15mm dia GI Pipe Cutting	Each	9.35
W-0124	15mm dia GI Pipe Threading	Each	13.35
W-0125	20mm dia GI Pipe Cutting	Each	9.35
W-0126	20mm dia GI Pipe Threading	Each	13.50
W-0127	25mm dia GI Pipe Cutting	Each	11.20
W-0128	25mm dia GI Pipe Threading	Each	28.05
W-0129	32mm dia GI Pipe Cutting	Each	13.55
W-0130	32mm dia GI Pipe Threading	Each	37.85
W-0131	40mm dia GI Pipe Cutting	Each	18.30
W-0132	40mm dia GI Pipe Threading	Each	42.65
W-0133	50mm dia GI Pipe Cutting	Each	23.50

Unique Code	Description of Works	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
W-0134	50mm dia GI Pipe Threading	Each	47.35
W-0135	65mm dia GI Pipe Cutting	Each	25.50
W-0136	65mm dia GI Pipe Threading	Each	57.25
W-0137	80mm dia GI Pipe Cutting	Each	33.20
W-0138	80mm dia GI Pipe Threading	Each	72.15
W-0139	100mm dia GI Pipe Cutting	Each	47.35
W-0140	100mm dia GI Pipe Threading	Each	95.55
	<b>L. Labour Wrought and Put-up for Doors, Windows &amp; Ventilators</b>		
W-0141	Labour wrought and put up in position of frames inclusive of fixing holdfasts for doors, windows and ventilators etc.	cum.	13690.00
W-0142	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.	1537.00
W-0143	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.	1281.00
W-0144	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.	1436.00
W-0145	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.	1200.00
W-0146	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.	810.00
W-0147	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.	1436.00

Unique Code	Description of Works	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
W-0148	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.	1547.00
W-0149	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.	810.00
W-0150	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.	1281.00
W-0151	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.	1197.00
W-0152	Labour charges for fixing doors alongwith frames in position etc., complete (finished work)	sqm.	228.50
W-0153	Labour charges for fixing windows and ventilators along with frames in position etc., complete.	sqm.	286.60
	Labour wrought and put up in position Flush shutters		
W-0154	Single leaf shutter	sqm.	214.10
W-0155	Double leave shutters	sqm.	330.20
W-0156	Labour wrought and put up in position fly proof wire gauge shutters for doors, windows and ventilators.	sqm.	825.00
W-0157	Labour wrought and put up for providing teak wood weldmesh screen with frames 3" x 3" (0.075m x 0.075m)	sqm.	1072.00
W-0158	Labour charges for fixing aluminium doors, windows and ventilators	sqm.	732.00
	<b>M. Breaking Metals</b>		
W-0159	Labour charges for breaking 40mm metal from departmental blasted stones	cum.	406.10
W-0160	Labour charges for breaking 20mm metal from departmental blasted stones	cum.	607.60
W-0161	Labour charges for breaking 50mm metal from departmental blasted stones	cum.	243.70
	<b>N. Cement Mortar</b>		
W-0162	Grinding Mortar (Special Grinding Lime)	cum.	368.20
W-0163	Grinding Mortar (Ordinary Grinding Lime)	cum.	280.60

Unique Code	Description of Works	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
W-0164	Mixing Mortar - Cement by Manual	cum.	116.00
W-0165	Mixing Mortar - Cement by Machine Mixing	cum.	152.90
	<b>O. Metal and Iron Works</b>		
W-0166	Petty iron work for truss, straps etc., (wrought & fixed) labour only	Kg	55.35
W-0167	Iron works for trusses and record racks (labour only)	Kg	51.15
W-0168	Fixing in position mild steel grills for windows, ventilators, etc.	Kg	32.00
W-0169	Fixing MS rods round / square for windows	Kg	29.65
W-0170	Fixing iron bars in windows and ventilators	Kg	29.65
<b>Note:</b>			
1	The Basic Rate adopted under this Head, "Annexure-III – Rates of Works" is exclusive of all taxes and GST.		
2	The Rates of Works other than mentioned above may be adopted from the Schedule of Rates issued by the Engineer-in-Chief & Chief Engineer (General), Water Resources Department, Chennai-5		
3	The following Unique Code (52 Nos.) of Rates of Works pertains to Water Resources Department A. Clearing the Site - W-0006, B. Dismantling - W-0019 & W-0020, W-0030 to W-0032, C. Quarrying and Blasting - W-0043 to W-0053, D. Earth Work - W-0054, W-0057 to W-0060, W-0067 to W-0073, E. Open Well Excavation - W-0082 to W-0084, L. Miscellaneous - W-0115 to W-0118, M. River Conservancy of Korambu Works - W-0119 to W-0122 and P. Breaking Metals - W-0159 to W-0161		
<b>FOOT NOTE:</b>			
<b>DISMANTLING</b>			
1	For dismantling 0.75m below ground level 25% extra over the basic rates (i.e. the rates already available in the Schedule of Rates for dismantling is allowed).		
2	The rate of dismantling lime concrete, cement concrete and reinforced cement concrete are exclusive of bailing out water charges. The rate is same in all floors.		
3	Add 25% extra for cause of restricted partial dismantling in existing structures where extra care is required for safeguarding the main structure.		
<b>EARTH WORK</b>			
1	Standard specification No.20B does not requires breaking clods, ramming, sectioning but require neat banking in accordance with the standard specifications.		

Unique Code	Description of Works	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
2	Double the relevant rate for standard specification No.20B will apply to excavation in all soils and rock classification given above for foundation of buildings, abutments, piers, wings and returns of bridges, culverts, sluices, regulators and cross masonry works, retaining walls, toe walls, cut-off walls and body walls of anicuts, weirs, retaining walls of causeway, bed dams, trenches for water supply and drainage works for laying pipes and sewers, pits and avenue trees, trial pits and pits for poles and towers and toe wall for revetment.		
OPEN WELL EXCAVATION			
1	Upto 2 metre diameter of wall 10% excess will be allowed over the basic rates of open well excavation.		
2	The rates do not include bailing charges. The de-watering is to be done departmentally. 10% of cost of excavation shall be allowed for de-watering for estimate purpose. Actuals (or) 10% wherever is less to be allowed for de-watering charges. For any expenditure above this percentage, prior approval of the Superintending Engineer should be obtained.		
LIFT CHARGES - CONCRETE - BRICK OR STONE MASONRY ABOVE OR BELOW GROUND LEVEL			
A	Concrete above ground level		
B	Brick or Stone Masonry above ground level		
	The extra rates as allowed for building works are applicable to the irrigation and road works. The extra rates may be allowed for the structure beyond 1 metre from ground level		
A	Concrete above ground level		
B	Brick or Stone Masonry above ground level		
	The above extra rates are applicable to building, irrigation and road works. The extra rates may be allowed for the structure beyond 1.50 metre from ground level. (The depth is to be reckoned from 1.50 metre below ground level).		


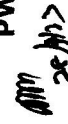
  
**Engineer-in-Chief &**  
**Chief Engineer (General),**  
**PWD, Chennai-5.**  
*am 20/11/23*

**ANNEXURE-IV**

**RATES FOR CONVEYANCE OF MATERIALS BY HEAD LOAD**

Unique Code	Item	Category	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
C-0001	Rough Stone, Broken Stone Jelly, Cut Stone, RCC Slab, Sand-Cement Block, Wooden Scantling, Wooden Plank	Lead: Above 10m and upto 100m	cum.	120.95
C-0002		Lead: Add extra for every additional 100m or part thereof	cum.	50.20
C-0003		Lift: Add extra for every 1m height or part thereof for more than 2m lift	cum.	13.00
C-0004	Lime, Lime Stone, Laterite, Brick Jelly, Earth, Sand, Gravel, Surki, Pond Ash (Wet / Dry), Crushed Stone Sand, Stone Dust	Lead: Above 10m and upto 100m	cum.	64.25
C-0005		Lead: Add extra for every additional 100m or part thereof	cum.	50.20
C-0006		Lift: Add extra for every 1m height or part thereof for more than 2m lift	cum.	9.75
C-0007	Mangalore Tiles	Lead: Above 10m and upto 100m	1000 Nos.	131.05
C-0008		Lead: Add extra for every additional 100m or part thereof	1000 Nos.	65.85
C-0009		Lift: Add extra for every 1m height or part thereof for more than 2m lift	1000 Nos.	16.50
C-0010	Machine Pressed Tiles	Lead: Above 10m and upto 100m	2000 Nos.	131.05
C-0011		Lead: Add extra for every additional 100m or part thereof	2000 Nos.	65.85
C-0012		Lift: Add extra for every 1m height or part thereof for more than 2m lift	2000 Nos.	16.50
C-0013	Hydraulic Pressed Mosaic Flooring Tiles	Lead: Above 10m and upto 100m	1500 Nos.	131.05
C-0014		Lead: Add extra for every additional 100m or part thereof	1500 Nos.	65.85
C-0015		Lift: Add extra for every 1m height or part thereof for more than 2m lift	1500 Nos.	16.50
C-0016	Terrace Bricks, Flat Tiles and Pan Tiles	Lead: Above 10m and upto 100m	2500 Nos.	131.05
C-0017		Lead: Add extra for every additional 100m or part thereof	2500 Nos.	65.85
C-0018		Lift: Add extra for every 1m height or part thereof for more than 2m lift	2500 Nos.	16.50
C-0019	Bricks	Lead: Above 10m and upto 100m	1000 Nos.	131.05
C-0020		Lead: Add extra for every additional 100m or part thereof	1000 Nos.	65.85
C-0021		Lift: Add extra for every 1m height or part thereof for more than 2m lift	1000 Nos.	16.50

Unique Code	Item	Category	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
C-0022	Cement, AC Sheet, Bitumen, Asphalt, Tar	Lead: Above 10m and upto 100m	MT	119.40
C-0023		Lead: Add extra for every additional 100m or part thereof	MT	65.85
C-0024		Lift: Add extra for every 1m height or part thereof for more than 2m lift	MT	13.00
C-0025	Steel	Lead: Above 10m and upto 100m	MT	200.75
C-0026		Lead: Add extra for every additional 100m or part thereof	MT	80.70
C-0027		Lift: Add extra for every 1m height or part thereof for more than 2m lift	MT	16.50
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			
4	The Basic Rate adopted under this Head, "Annexure-IV – Rates of Conveyance of Materials by Head Load" is exclusive of all taxes and GST.			

  
 Chief Engineer (General),  
 PWD, Chennai-5.  



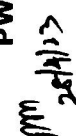
**ANNEXURE-V**  
**CONVEYANCE TABLE**  
**(A). RATES FOR CONVEYANCE OF MATERIALS BY ROAD IN PLAINS**

Unique Code	Item	Category	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
C-0028	Cement, Steel (1 MT)	<b>Co-efficient</b>	<b>1.00</b>
C-0029		1 - 10 Km (Add for every extra 1 Km and part thereof)	7.28
C-0030		11 - 20 Km. (Add for every extra 1 Km and part thereof)	6.23
C-0031		21 - 40 Km. (Add for every extra 1 Km and part thereof)	5.36
C-0032		41 - 80 Km. (Add for every extra 1 Km and part thereof)	4.61
C-0033		Above 80 Km. (Add for every extra 1 Km and part thereof)	4.21
C-0034		Loading Charges	135.50
C-0035		Unloading Charges	135.50
C-0036		Add above extra for inter state works	27.25
C-0037	Lime Stone, Laterite, Brick Jelly, Wood Work, Pond Ash (Wet / Dry), Stone Dust (One cubic metre)	<b>Co-efficient</b>	<b>1.10</b>
C-0038		2 - 10 Km (Add for every extra 1 Km and part thereof)	7.99
C-0039		12 - 20 Km. (Add for every extra 1 Km and part thereof)	6.84
C-0040		22 - 40 Km. (Add for every extra 1 Km and part thereof)	5.90
C-0041		42 - 80 Km. (Add for every extra 1 Km and part thereof)	5.09
C-0042		Above 80 Km. (Add for every extra 1 Km and part thereof)	4.64
C-0043		Loading Charges	64.65
C-0044		Unloading Charges	64.65
C-0045		Add above extra for inter state works	29.90

Unique Code	Item	Category	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
C-0046	Rough Stone, Bond Stone, Cut Stone, Broken Stone Jelly, Sand, Gravel, Surki, Earth, Crushed Stone Sand (One cubic metre)	<b>Co-efficient</b>	<b>1.60</b>
C-0047		4 - 10 Km (Add for every extra 1 Km and part thereof)	11.65
C-0048		14 - 20 Km. (Add for every extra 1 Km and part thereof)	9.96
C-0049		24 - 40 Km. (Add for every extra 1 Km and part thereof)	8.57
C-0050		44 - 80 Km. (Add for every extra 1 Km and part thereof)	8.04
C-0051		Above 80 Km. (Add for every extra 1 Km and part thereof)	6.74
C-0052		Loading Charges	44.25
C-0053		Unloading Charges	44.25
C-0054		Add above extra for inter state works	43.75
C-0055	Third Class Country Bricks (Kiln Burnt) (1000 Nos.)	<b>Co-efficient</b>	<b>1.35</b>
C-0056		5 - 10 Km (Add for every extra 1 Km and part thereof)	9.82
C-0057		15 - 20 Km. (Add for every extra 1 Km and part thereof)	8.41
C-0058		25 - 40 Km. (Add for every extra 1 Km and part thereof)	7.22
C-0059		45 - 80 Km. (Add for every extra 1 Km and part thereof)	6.23
C-0060		Above 80 Km. (Add for every extra 1 Km and part thereof)	5.70
C-0061		Loading Charges	63.60
C-0062		Unloading Charges	63.60
C-0063		Add above extra for inter state works	36.75

Unique Code	Item	Category	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
C-0064	Mangalore Tiles (1000 Nos.), Machine Pressed Tiles (2000 Nos.), Hydraulically Pressed Mosaic Flooring Tiles (1500 Nos.)	Co-efficient	1.80
C-0065		3 - 10 Km (Add for every extra 1 Km and part thereof)	13.10
C-0066		13 - 20 Km. (Add for every extra 1 Km and part thereof)	11.22
C-0067		23 - 40 Km. (Add for every extra 1 Km and part thereof)	9.65
C-0068		43 - 80 Km. (Add for every extra 1 Km and part thereof)	8.31
C-0069		Above 80 Km. (Add for every extra 1 Km and part thereof)	7.59
C-0070		Loading Charges	63.60
C-0071		Unloading Charges	63.60
C-0072		Add above extra for inter state works	49.15
C-0073	Bricks II Class Chamber Burnt Bricks (Table Moulded / Ground Moulded), Fly Ash Bricks (1000 Nos.)	Co-efficient	2.25
C-0074		0 - 10 Km (Add for every extra 1 Km and part thereof)	16.37
C-0075		10 - 20 Km. (Add for every extra 1 Km and part thereof)	14.02
C-0076		20 - 40 Km. (Add for every extra 1 Km and part thereof)	12.05
C-0077		40 - 80 Km. (Add for every extra 1 Km and part thereof)	10.40
C-0078		Above 80 Km. (Add for every extra 1 Km and part thereof)	9.49
C-0079		Loading Charges	63.60
C-0080		Unloading Charges	63.60
C-0081		Add above extra for inter state works	61.70
Note:			
1	The above rates do not include stacking charges [as per Circular Memo No. 230 Wks. IV (2) / 62-3, dated 10.06.1962 of Chief Engineer (General)].		


Unique Code	Item	Category	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
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 basic 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.		
7	The Basic Rate adopted under this Head, "Annexure-V - (A). Rates of Conveyance of Materials by Road in Plains" is exclusive of all taxes and GST.		

  
 Engineer-in-Chief  
 Chief Engineer (General),  
 PWD, Chennai-5.  


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

Unique Code	Item	Category	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
C-0082	Cement, Steel (1 MT)	<b>Co-efficient</b>	<b>1.00</b>
C-0083		1 - 10 Km (Add for every extra 1 Km and part thereof)	14.56
C-0084		11 - 20 Km. (Add for every extra 1 Km and part thereof)	12.46
C-0085		21 - 40 Km. (Add for every extra 1 Km and part thereof)	10.72
C-0086		41 - 80 Km. (Add for every extra 1 Km and part thereof)	9.22
C-0087		Above 80 Km. (Add for every extra 1 Km and part thereof)	8.42
C-0088	Lime Stone, Laterite, Brick Jelly, Wood Work, Pond Ash (Wet / Dry), Stone Dust (One cubic metre)	<b>Co-efficient</b>	<b>1.10</b>
C-0089		2 - 10 Km (Add for every extra 1 Km and part thereof)	15.98
C-0090		12 - 20 Km. (Add for every extra 1 Km and part thereof)	13.68
C-0091		22 - 40 Km. (Add for every extra 1 Km and part thereof)	11.80
C-0092		42 - 80 Km. (Add for every extra 1 Km and part thereof)	10.18
C-0093		Above 80 Km. (Add for every extra 1 Km and part thereof)	9.28
C-0094	Rough Stone, Bond Stone, Cut Stone, Broken Stone Jelly, Sand, Gravel, Surki, Earth, Crushed Stone Sand (One cubic metre)	<b>Co-efficient</b>	<b>1.60</b>
C-0095		4 - 10 Km (Add for every extra 1 Km and part thereof)	23.30
C-0096		14 - 20 Km. (Add for every extra 1 Km and part thereof)	19.92
C-0097		24 - 40 Km. (Add for every extra 1 Km and part thereof)	17.14
C-0098		44 - 80 Km. (Add for every extra 1 Km and part thereof)	16.08
C-0099		Above 80 Km. (Add for every extra 1 Km and part thereof)	13.48
C-0100	Third Class Country Bricks (Kiln Burnt) (1000 Nos.)	<b>Co-efficient</b>	<b>1.35</b>
C-0101		5 - 10 Km (Add for every extra 1 Km and part thereof)	19.64
C-0102		15 - 20 Km. (Add for every extra 1 Km and part thereof)	16.82
C-0103		25 - 40 Km. (Add for every extra 1 Km and part thereof)	14.44
C-0104		45 - 80 Km. (Add for every extra 1 Km and part thereof)	12.46
C-0105		Above 80 Km. (Add for every extra 1 Km and part thereof)	11.40

Unique Code	Item	Category	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
C-0106	Mangalore Tiles (1000 Nos.), Machine Pressed Tiles (2000 Nos.), Hydraulically Pressed Mosaic Flooring Tiles (1500 Nos.)	<b>Co-efficient</b>	<b>1.80</b>
C-0107		3 - 10 Km (Add for every extra 1 Km and part thereof)	26.20
C-0108		13 - 20 Km. (Add for every extra 1 Km and part thereof)	22.44
C-0109		23 - 40 Km. (Add for every extra 1 Km and part thereof)	19.30
C-0110		43 - 80 Km. (Add for every extra 1 Km and part thereof)	16.62
C-0111		Above 80 Km. (Add for every extra 1 Km and part thereof)	15.18
C-0112	Bricks II Class Chamber Burnt Bricks (Table Moulded / Ground Moulded), Fly Ash Bricks (1000 Nos.)	<b>Co-efficient</b>	<b>2.25</b>
C-0113		0 - 10 Km (Add for every extra 1 Km and part thereof)	32.74
C-0114		10 - 20 Km. (Add for every extra 1 Km and part thereof)	28.04
C-0115		20 - 40 Km. (Add for every extra 1 Km and part thereof)	24.10
C-0116		40 - 80 Km. (Add for every extra 1 Km and part thereof)	20.80
C-0117		Above 80 Km. (Add for every extra 1 Km and part thereof)	18.98
<b>Note:</b>			
1	The above rates do not include stacking charges [as per Circular Memo No. 230 Wks. IV (2) / 62-3, dated 10.06.1962 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 basic 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.		
7	The Basic Rate adopted under this Head, "Annexure-V - (B). Rates of Conveyance of Materials by Road in Hills" is exclusive of all taxes and GST.		

  
 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

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0197	Water Proofing Compound	Kg	42.70
M-0198	Mild Steel Flats of all sizes	Kg	52.10
M-0199	Mild Steel Square Rods of all sizes	Kg	52.10
	First Quality Design Ceramic Tiles of all Colours		
M-0200	305mm x 305mm x 6mm	Each	49.00
M-0201	200mm x 200mm x 6mm	Each	21.50
M-0202	200mm x 100mm x 6mm	Each	11.60
	First Quality Plain Ceramic Tiles of all colours		
M-0203	305mm x 305mm x 6mm	Each	35.15
M-0204	200mm x 200mm x 6mm	Each	15.70
M-0205	200mm x 100mm x 6mm	Each	8.00
M-0206	Joint free Rectified Glazed Ceramic Flooring Tiles 305 x 305 x 8mm	Each	57.80
	Solar Reflective Ceramic Tiles of size		
M-0207	305mm x 305mm x 7mm thick	sqm.	506.00
M-0208	305mm x 240mm x 6mm thick	sqm.	418.00
M-0209	Dadoing Ceramic Tiles of size 300mm x 450mm x 8mm	Each	62.40
M-0210	Dadoing Ceramic Tiles of size 300mm x 600mm x 10mm	Each	92.70
	First Quality White Glazed Tiles		
M-0211	150mm x 150mm x 6mm	Each	8.30
M-0212	100mm x 200mm x 6mm	Each	7.25
	First Quality Colour Glazed Tiles		
M-0213	150mm x 150mm x 6mm	Each	9.65
M-0214	100mm x 200mm x 6mm	Each	8.30
	First Quality Colour Glazed Tiles with Printed Design		
M-0215	150mm x 150mm x 6mm	Each	11.40

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0216	100mm x 200mm x 6mm	Each	10.25
M-0217	Colour Designed Glazed Tiles 300 x 200 x 6mm	Each	30.80
M-0218	Stain Free Nano Polish Vitrified Tiles 600 x 600 x 8mm	sqm.	658.00
M-0219	Double Charged Vitrified Tiles 600 x 600 x 8mm	sqm.	982.00
M-0220	Double Charged Vitrified Tiles 800 x 800 x 10mm	sqm.	1253.00
M-0221	Pre-polished Concrete Anti-Skid Step Tiles of 20mm thick	sqm.	653.00
	Rubber Moulded Hydraulic Pressed Paver Block		
M-0222	83mm thick	sqm.	552.00
M-0223	63mm thick	sqm.	459.00
	TAMIN Paver Block of size – Supply at site		
M-0224	60mm thick	sft.	51.50
M-0225	80mm thick	sft.	61.60
M-0226	Tactile Paver Type of New Tek BT Yellow Colour Ceramic Tiles of size 305 x 305 x 15mm for Vision Impairment Person	sqm.	2040.00
M-0227	Providing and filling the tile joint with epoxy grout with following specification: Surface preparation including cleaning the joint to be free from dust and loose particles. Providing masking tape on either side of the tile joint edges and providing sealing the tile gap with epoxy tile joint grout and finishing neatly and as directed by the departmental officers. The rate inclusive of cost of materials and labour, etc., complete.	sqm.	438.00
M-0228	SRC Cement (Sulphate Resistant Cement)	50 Kgs. / Bag	311.00
M-0229	Slag Cement	50 Kgs. / Bag	279.00
M-0230	White Cement	Kg	22.60
M-0231	Colour Cement (White Cement mixed with Colouring Pigments)	Kg	27.25
M-0232	Multi-Colour Marble Chips of all grades / sizes	Bag	91.10
	White Marble Slab (Adanga) 18mm to 20mm Thick		
M-0233	4'0" x 2'0" and above	sqm.	1403.00
M-0234	2'0" x 2'0" or 2'0" x 1'0" or 1'0" x 1'0"	sqm.	700.00
	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		
M-0235	Jet Black	sqm.	886.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0236	Ruby Red, Raw Silk	sqm.	793.00
M-0237	Sinthetic Grey, Paradise and similar varieties	sqm.	749.00
	Granite Slabs (Super Fine Polished with Machine Cut Edges) of sizes 4'x2' and above 18mm to 20mm thick		
M-0238	Jet Black	sqm.	1737.00
M-0239	Ruby Red, Raw Silk	sqm.	1626.00
M-0240	Sinthetic Grey, Paradise and similar varieties	sqm.	1462.00
M-0241	Fine Polished Steel Grey Granite Slab 1200mm x 600mm, 16mm to 18mm Thick	sqm.	1512.00
M-0242	Fine Polished Blue Pearl Granite Slab 1200mm x 600mm, 16mm to 18mm Thick	sqm.	7571.00
M-0243	Flamed Steel Grey Granite Slab 1200mm x 600mm, 16mm to 18mm Thick	sqm.	1832.00
M-0244	Flamed Ruby Red Granite Slab 1200mm x 600mm, 16mm to 18mm Thick	sqm.	1946.00
	Nosing for Granite Slab		
M-0245	Single Nosing	RM	195.70
M-0246	Double Nosing	RM	370.25
M-0247	Grooving the Granite Slab	RM	303.00
M-0248	Polished Shahabad Stone Slabs 20mm thick with Machine Cut Edges of size <b>below 2'0" x 2'0"</b>	sqm.	318.00
M-0249	Polished Shahabad Stone Slabs of 20mm thick with Machine Cut Edges of size <b>2'0" x 2'0" and above</b>	sqm.	376.00
M-0250	Polished Rajasthan Kota Stone Slabs of 20mm thick with Machine Cut Edges of size <b>below 2'0" x 2'0"</b>	sqm.	484.00
M-0251	Polished Rajasthan Kota Stone Slabs of 20mm thick with Machine Cut Edges of size <b>2'0" x 2'0" and above</b>	sqm.	550.00
	Dolphur Stone Slabs - Semi Polished with Machine Cut Edges of all sizes		
M-0252	40mm thick	sqm.	420.00
M-0253	20mm thick	sqm.	381.00
M-0254	PVC Trims (Beading)	RM	95.40

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0255	Terracota Jally of size 20 x 20 x 0.75mm	Each	38.95
M-0256	Aluminium Strips of size 40mm wide x 1.5mm thick	RM	36.60
M-0257	Brass Strips of size 40mm wide x 1.5mm thick	RM	69.15
M-0258	Glass Strips of size 40mm wide and 4mm thick	RM	15.65
M-0259	Marblex Tiles 3mm thick	sqm.	696.00
M-0260	Red Oxide - Superior quality for floor finish	Kg	145.20
M-0261	Decorative Pressed Tiles of 12mm thick of all sizes and shapes	sqm.	1075.00
M-0262	Exterior Emulsion Paint - Water Based Primer (Liquid)	Litre	151.30
M-0263	Alkali Resistant Distemper Primer	Litre	135.60
M-0264	Sandtex Matt	Litre	158.00
M-0265	Vinaratex or Equivalent Textured Coat	sqm.	203.90
M-0266	Best Lac Polish / French Polish	Litre	264.10
M-0267	Varnish	Litre	271.20
M-0268	Cotton Waste	Kg	10.40
M-0269	Cement Based Hydraulically Pressed Anti skid Tiles (Pattern Design) - 20mm thick	sqm.	525.00
M-0270	Marble Powder	Kg	4.54
	Polishing Stone		
M-0271	Rough	Each	67.00
M-0272	Medium	Each	89.50
M-0273	Fine / Nice	Each	102.70
M-0274	Oxalic Acid	Kg	38.75
M-0275	Tupentine	Litre	23.70
M-0276	Mansion polish	400 gram	149.15
M-0277	Poly Sulphide	Kg	177.00
M-0278	Primer for Expansion Joints	Kg	152.20
M-0279	Filler Material	sqm.	145.20
M-0280	Bond Breaker	RM	3.73
M-0281	Bentonite Powder for construction quality	Kg.	6.05
M-0282	PVC Water Bar 150mm wide with Single Bulb	RM	299.80

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0283	Plain GI Sheet 0.8mm thick (22 Gauge)	sqm.	364.60
M-0284	Phil Plug	Each	5.05
	GI Screws		
M-0285	30mm x 6mm	Each	1.28
M-0286	19mm x 6mm	Each	0.81
M-0287	GI Limpet / Cup Washers	Each	1.89
M-0288	Bitumen Washers 15mm dia	Each	1.13
M-0289	Asbestos Cement Pipe - 100mm dia	3 RM	144.10
M-0290	AC Shoe - 100mm dia	Each	45.70
M-0291	AC Bend - 100mm dia	Each	52.30
M-0292	AC Cylindrical Cowl - 100mm dia	Each	78.45
M-0293	CI Brackets for AC Pipe 100mm dia	Each	20.05
M-0294	CI Grating - 100mm dia	Each	32.10
M-0295	Asbestos Cement Fully Corrugated Sheet - 6mm thick	sqm.	189.65
	Asbestos cement plain sheet		
M-0296	6mm thick	sqm.	170.15
M-0297	4mm thick	sqm.	117.85
M-0298	Supplying and fixing Shade Net (Green Net) for under construction of high rise building	sqm.	67.25
M-0299	Asbestos Cement Adjustable Ridges	Pair	196.45
M-0300	GI "J" or "L" Bolts with Nuts 6mm dia	Each	3.91
M-0301	Steel - Special Extruded Sections for Steel Windows and Ventilators conforming to ISS 7452 / 1990 including fabrication charges	Kg	69.60
	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		
M-0302	With one coat of Red Oxide priming coat	RM	360.00
M-0303	With Powder Coated Primer	RM	383.80
	Aluminium Extruded Sections (for Doors, Windows, Ventilators, Partitions, False Ceiling etc) including charges for anodising for 15 micron thickness		
M-0304	Natural Colour Matt Finish	Kg	325.00
M-0305	With Powder Coating of any colours	Kg	347.70

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0306	Alumnum Extruded Box Section for Staircase Hand Rails including charges for anodising for 15 micron thickness - Natural colour matt finish	Kg	390.90
M-0307	Rubber Beading for Aluminium Glazed Doors	RM	38.25
M-0308	Rubber Beading for Aluminium Glazed windows	RM	29.05
M-0309	PVC / Woollen Felt for Aluminium Doors 6mm thick	RM	7.95
M-0310	Pivot for Aluminium Door	Set	160.70
M-0311	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	1008.00
M-0312	Hydraulic Floor Springs of various sizes, Double Acton Hydraulic Floor Spring of approved quality, brand, manufacture asper 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 MS sheet outer box with side plate etc., capable of taking upto 130 kg. weight from door shutter, like HARDWYN make (U-32) or its Euivalent with ISI monogram.	Each	2095.00
M-0313	Lock for Aluminium Doors	Each	284.50
M-0314	Lock for Aluminium Sliding Windows	Each	71.10
M-0315	Aluminium Grill of Standard Pattern (Diamond Shape) - 10mm thick including 'F' (or) 'H' Section	sqm.	2079.00
M-0316	Aluminium Grill of Standard Pattern (Diamond Shape) - 6mm thick including 'F' (or) 'H' Section	sqm.	1679.00
M-0317	Bolts and Nuts 10mm dia for False Ceiling	Each	5.65
M-0318	Rawl Plugs for False Ceiling	Each	9.50
M-0319	PVC Roller for Sliding Windows	Each	14.60
M-0320	Synthetic Resin - Fevicol or Equivalent (Phenol Formal Dehide Based Resin)	Kg	199.75
	Steel Door / Window Fittings		
M-0321	200mm length Hold Fast	Each	168.00
M-0322	300mm Hinges (Heavy Duty)	Each	117.60
M-0323	250mm length Tower Bolt	Each	128.80
M-0324	250 x 16mm Aldrop	Each	235.30

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0325	200mm MS Handles (Heavy Duty)	Each	84.00
M-0326	Window Stay	Each	156.90
M-0327	Stopper and Handle	Each	145.70
	Butt Hinges with Nylon Washers of various sizes of Length and Width (with required screws)		
M-0328	125mm x 30mm	Each	89.60
M-0329	100mm x 30mm	Each	71.90
M-0330	75mm x 30mm	Each	49.35
M-0331	50mm x 30mm	Each	39.85
	Brass Hinges		
M-0332	125mm x 30mm	Each	214.10
M-0333	100mm x 30mm	Each	183.60
M-0334	75mm x 30mm	Each	152.60
M-0335	50mm x 30mm	Each	127.45
	Tower Bolts of various lengths and diametre (with required screws)		
M-0336	400mm long and 12mm dia	Each	169.60
M-0337	300mm long and 12mm dia	Each	130.50
M-0338	250mm long and 12mm dia	Each	97.85
M-0339	200mm long and 12mm dia	Each	82.25
M-0340	150mm long and 12mm dia	Each	64.80
M-0341	100mm long and 10mm dia	Each	57.00
M-0342	75mm long and 10mm dia	Each	39.70
	Brass Tower Bolts		
M-0343	400mm x 12mm	Each	1020.00
M-0344	300mm x 12mm	Each	764.00
M-0345	200mm x 12mm	Each	540.00
M-0346	150mm x 12mm	Each	408.00
M-0347	100mm x 10mm	Each	326.00
M-0348	75mm x 10mm	Each	204.00

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
	Aldrops of following lengths and diametre with required screws, bolts and nuts		
M-0349	300mm long and 16mm dia	Each	209.90
M-0350	250mm long and 16mm dia	Each	181.00
M-0351	200mm long and 16mm dia	Each	122.50
M-0352	200mm long and 12mm dia	Each	101.60
	Brass Aldrops		
M-0353	300mm x 16mm	Each	968.00
M-0354	250mm x 16mm	Each	836.00
M-0355	200mm x 16mm	Each	714.00
M-0356	200mm x 12mm	Each	510.00
	Handles "D" type of various sizes with required screws		
M-0357	200mm long	Each	64.25
M-0358	150mm long	Each	57.65
M-0359	100mm long	Each	35.30
	Ornamental Handles of various sizes with required screws		
M-0360	200mm long	Each	165.80
M-0361	150mm long	Each	110.40
M-0362	100mm long	Each	60.90
	Brass Ornamental Handles		
M-0363	200mm	Each	396.90
M-0364	150mm	Each	254.50
M-0365	100mm	Each	182.80
M-0366	Aluminium Door Stopper with Rubber Bush with required screws	Each	49.55
M-0367	Rubber Bush - 40mm dia and 60mm long with required screws	Each	23.10
	Mortice Lock (Godrej or Equivalent) with required screws with 3 Keys		
M-0368	With Night latch	Each	540.00
M-0369	Without Night latch	Each	400.00

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0370	Wire Nails	Kg	64.00
	Teakwood Beading		
M-0371	15mm x 12mm	RM	15.45
M-0372	35mm x 12mm	RM	39.00
	Teakwood Beading (Ordinary)		
M-0373	30mm x 12mm	RM	32.50
M-0374	25mm x 12mm	RM	26.05
	Teakwood Beading - Ornamental / Design		
M-0375	40mm x 12mm	RM	91.50
M-0376	40mm x 15mm	RM	104.80
M-0377	25mm x 12mm	RM	71.70
M-0378	15mm x 12mm	RM	49.15
M-0379	Medium Desity Fibre (MDF) Board - Exterior Grade, both sides pre-lamiated including external lipping with kiln dried soft wood 35mm thick	sqm.	2180.00
M-0380	Medium Density Fibre (MDF) Board - Exterior Grade - both sides pre-laminated, 12mm thick	sqm.	1050.00
	MDF Board Exterior Grade - Plain including external lipping with kiln dried soft wood		
M-0381	35mm thick	sqm.	1777.00
M-0382	30mm thick	sqm.	1641.00
	Medium Density Fibre (MDF) Board 12mm thick Exterior Grade with Melamine finish		
M-0383	One Side Melamine Finish	sqm.	1111.00
M-0384	Both Sides Melamine Finish	sqm.	1251.00
	Medium Density Fibre (MDF) Board - Exterior Grade - Plain with teakwook external lipping alround		
M-0385	35mm thick	sqm.	1914.00
M-0386	30mm thick	sqm.	1698.00
M-0387	Solid Core Flush Shutters with teakply on both side with teakwook lipping alround 35mm thick	sqm.	2255.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0388	Solid Core Flush Shutters with teakply on one side and commercial ply on other side with teak wook lipping alround 35mm thick	sqm.	1982.00
M-0389	Solid Core Flush shutters with commercial ply on both side with teakwook lipping alround 35mm thick	sqm.	1698.00
M-0390	Providing Cup-board Shutter with frame using termite / water proof plywood of 19mm thick over which laminated sheet of 0.8mm thick fixed inside the shutter and 1mm thick fixed in the outside of the shutter using fevicol along with necessary furniture fittings, such as, hydraulic hinges, tower bolt, handles, multi purpose locks etc., as directed by the Departmental Officers. The design pattern, water proof plywood, laminate sheet and other materials should be got approved from the Executive Engineer befoe use on work.	sqm.	5047.00
	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 rabate for housing the shutter		
M-0391	Solid panel PVC door with frame	sqm.	3325.00
M-0392	Solid Panel PVC Door without Frame	sqm.	2800.00
M-0393	Supplying and fixing of PVC Sliding Door with Roller	sqm.	3562.00
M-0394	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.	3996.00
M-0395	Excluding door frames	sqm.	3069.00
M-0396	PVC Panelled door Shutters Hollow Type - 200mm x 20mm panels with 1mm wall thickness for panels and styles and rails of suitable size with 2mm wall thickness suitably reinforced using MS Angle / Flat including cost of necessary aluminium hinges and other furniture fittings	sqm.	2135.00
M-0397	Excluding Door Frames	sqm.	1803.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0398	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 10mm and below graded stone jelly and using steel reinforcement as per CE (B) Circular instructions	RM	279.70
M-0399	Stainless Steel (Salem Stainless Steel) Door Frame (Box Section using Stainless Steel Plate of 1mm 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	918.00
M-0400	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	1241.00
	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		
	ROLLING SHUTTERS (WITH ISI MONOGRAM)		
M-0401	Manually Operated (up to 8 sqm. Area)	sqm.	2171.00
M-0402	Gear Operated Type (from 8 sqm. to 12 sqm. Area)	sqm.	2419.00
M-0403	Electrically Operated Type (exceeding 12 sqm. Area)	sqm.	2626.00
	ROLLING GRILLS (WITH ISI MONOGRAM)		
M-0404	Manually Operated (up to 8 sqm. Area)	sqm.	2213.00
M-0405	Gear Operated Type (from 8 sqm. to 12 sqm. Area)	sqm.	2492.00
M-0406	Electrically Operated Type (exceeding 12 sqm. Area)	sqm.	2770.00
M-0407	Barbed Wire - 10 Gauge - Two Ply and Four Pronged (Galvanised)	1 Kg or 6 RM	62.10
M-0408	Chain Link - 2" x 2" using 10 Gauge Galvanised Iron Wire (of all sizes)	sqm.	160.25
M-0409	Pin Headed / Fluted / Figured Glass 3mm thick	sqm.	226.60
M-0410	Plain Glass - 4mm thick	sqm.	306.90
M-0411	Plain Sheet Glass - 5.5mm thick	sqm.	362.50

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	Metal Screws (for Aluminium Doors, Windows etc)		
M-0412	75mm x 8mm	Each	2.21
M-0413	38mm x 6mm	Each	1.54
M-0414	19mm x 8mm	Each	1.08
M-0415	19mm x 6mm	Each	0.81
M-0416	Cement Paint (First Quality)	Kg	49.85
M-0417	Oil Bound Distemper	Kg	73.80
M-0418	Acrylic Distemper	Kg	85.20
M-0419	Primer for Plastic Emulsion Paint	Litre	147.50
M-0420	Plastic Emulsion Paint (First Quality)	Litre	295.60
M-0421	Wood Primer	Litre	147.50
M-0422	Synthetic Enamel Paint for Wood Work	Litre	238.90
M-0423	Red Oxide Primer for Iron Work	Litre	136.90
M-0424	Synthetic Enamel Paint for Iron Work	Litre	227.60
M-0425	Melamine Polish	Sqm.	648.00
M-0426	Exterior Emulsion Paint	Litre	303.80
M-0427	Painting the wall with Texture Finish Paint including labour charges	sqm.	412.00
M-0428	White Wall Putty Powder	Kg.	27.45
M-0429	Sand Paper (Water Proof Abrasive Sheet)	Each	10.20
M-0430	8" Putty Blade	Dozen	122.30
M-0431	6" Putty Blade	Dozen	91.80
M-0432	300mm dia RCC Hume Pipe	RM	2250.00
	<b>GI Pipes "B" Class</b>		
M-0433	65mm dia	RM	244.40
M-0434	50mm dia	RM	209.00
M-0435	40mm dia	RM	163.00
M-0436	32mm dia	RM	151.40
M-0437	25mm dia	RM	128.00

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0438	20mm dia	RM	98.60
M-0439	15mm dia	RM	69.80
	<b>GI Specials</b>		
	<b>Union</b>		
M-0440	50mm dia	Each	266.30
M-0441	40mm dia	Each	197.50
M-0442	32mm dia	Each	127.50
M-0443	25mm dia	Each	98.60
M-0444	20mm dia	Each	69.80
M-0445	15mm dia	Each	58.10
	<b>GI Elbow</b>		
M-0446	50mm dia	Each	128.00
M-0447	40mm dia	Each	98.60
M-0448	32mm dia	Each	87.00
M-0449	25mm dia	Each	58.10
M-0450	20mm dia	Each	25.40
M-0451	15mm dia	Each	15.90
	<b>GI Bend</b>		
M-0452	50mm dia	Each	116.30
M-0453	40mm dia	Each	87.00
M-0454	32mm dia	Each	69.80
M-0455	25mm dia	Each	52.00
M-0456	20mm dia	Each	23.20
M-0457	15mm dia	Each	13.60
	<b>GI TEE</b>		
M-0458	50mm dia	Each	139.80
M-0459	40mm dia	Each	110.20
M-0460	32mm dia	Each	98.60
M-0461	25mm dia	Each	81.40
M-0462	20mm dia	Each	34.70
M-0463	15mm dia	Each	28.60

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>GI COUPLING</b>		
M-0464	50mm dia	Each	69.80
M-0465	40mm dia	Each	58.10
M-0466	32mm dia	Each	46.50
M-0467	25mm dia	Each	28.60
M-0468	20mm dia	Each	15.90
M-0469	15mm dia	Each	13.60
	<b>GI REDUCER</b>		
M-0470	50mm x 40mm dia	Each	93.20
M-0471	40mm x 32mm dia	Each	69.80
M-0472	32mm x 25mm dia	Each	52.00
M-0473	25mm x 20mm dia	Each	28.60
M-0474	20mm x 15mm dia	Each	20.30
M-0475	40mm x 25mm dia	Each	52.00
M-0476	32mm x 20mm dia	Each	40.40
	<b>GI REDUCER ELBOW</b>		
M-0477	50mm x 40mm dia	Each	110.20
M-0478	40mm x 32mm dia	Each	93.20
M-0479	32mm x 25mm dia	Each	69.80
M-0480	25mm x 20mm dia	Each	52.00
M-0481	20mm x 15mm dia	Each	40.40
M-0482	40mm x 25mm dia	Each	72.70
M-0483	32mm x 20mm dia	Each	57.60
	<b>GI REDUCER TEE</b>		
M-0484	50mm x 40mm dia	Each	139.80
M-0485	40mm x 32mm dia	Each	116.30
M-0486	32mm x 25mm dia	Each	98.60
M-0487	25mm x 20mm dia	Each	75.30
M-0488	20mm x 15mm dia	Each	69.80
M-0489	40mm x 25mm dia	Each	104.70
M-0490	32mm x 20mm dia	Each	81.40

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>GI HEX NIPPLE</b>		
M-0491	50mm dia	Each	87.00
M-0492	40mm dia	Each	69.80
M-0493	32mm dia	Each	58.10
M-0494	25mm dia	Each	43.70
M-0495	20mm dia	Each	34.70
M-0496	15mm dia	Each	23.20
	<b>Gun Metal Gate Valve (Heavy Duty)</b>		
M-0497	65mm dia	Each	1523.00
M-0498	50mm dia	Each	1241.00
M-0499	40mm dia	Each	977.00
M-0500	32mm dia	Each	760.00
M-0501	25mm dia	Each	592.00
M-0502	20mm dia	Each	350.00
	<b>Note:</b> Gate Valves should be used only in delivery line to OHT Scour Pipe in OHT (for cleaning of OHT) where pressure pumping is involved. In all other cases only wheel valve should be used		
	<b>Gun Metal Wheel Valve (Heavy Duty)</b>		
M-0503	40mm dia	Each	652.00
M-0504	32mm dia	Each	513.00
M-0505	25mm dia	Each	351.00
M-0506	20mm dia	Each	241.00
M-0507	15mm dia	Each	169.00
M-0508	Brass Chromium Plated Screw Down Tap 15 / 12mm dia (Heavy Type)	Each	206.00
M-0509	Brass Chromium Plated Pillar Tap (Heavy Type) - 15 / 12mm dia	Each	269.00
M-0510	PVC Screw Down Tap Heavy Type 20mm dia	Each	93.40
M-0511	PVC Screw Down Tap Heavy Type 15mm dia	Each	72.40
M-0512	Chromium Plated Stop Cock 15mm dia	Each	151.30
M-0513	Brass Chromium Plated Shower Rose - 100mm dia	Each	194.60
M-0514	CP Wall Mixture Tap 3 in 1 system with Hand Showers	Each	4146.00
M-0515	CP Two Way Bib Cock with Health Faucet	Each	2060.00
M-0516	CP Shower Arm with Overhead Shower Rose	Each	1181.00

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0517	Wooden Plug, Clamp and Screws	Set	12.20
M-0518	Shellac	100 gram	18.45
M-0519	PVC Adhesive (Solution)	100 gram	36.00
M-0520	UPVC Adhesive	100 gram	84.80
M-0521	CPVC Adhesive	100 gram	116.50
M-0522	Vajram for Heritage Works	Kg.	78.45
M-0523	Palm Jaggery for Heritage Works	Kg.	280.00
M-0524	Galnut for Heritage Works	Kg.	120.00
M-0525	Oakum for Heritage Works	Kg.	120.00
M-0526	Soap Stone Powder for Heritage Works	Kg.	175.00
M-0527	Thread Ball	Each	3.60
M-0528	CP Heavy Duty Bottle Trap 32mm	Each	1105.00
M-0529	CP Angle Cock Tap	Each	776.00
	Oriya Type Indian Water Closet 580mm x 440mm with "P" or "S" Trap		
M-0530	White	Set	1201.00
M-0531	Colour	Set	1534.00
	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		
M-0532	White	Set	3090.00
M-0533	Colour	Set	3484.00
	European Water Closet with "P" or "S" Trap with Double Flapped Seat and Seat Cover with Brass Hinges and 12.5 litre capacity Porcelain Low Level Flusing Tank with all internal fittings		
M-0534	White	Set	4353.00
M-0535	Colour	Set	5241.00
	PVC low level flushing tank with all internal fittings (wall mounting type)		
M-0536	White - 10 litre capacity	Set	995.00
M-0537	White - 7.5 litre capacity	Set	760.00
M-0538	Colour - 10 litre capacity	Set	1127.00
M-0539	Colour - 7.5 litre capacity	Set	895.00
M-0540	PVC Water Tank	Litre	10.05

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0541	SS Elbow Action Tap of size 15mm	Each	1545.00
M-0542	SS Heavy Duty Long Body Tap 15mm	Each	1545.00
M-0543	SS Swan Neck Tap	Each	1030.00
	Wash Hand Basin of size 550mm x 400mm with all accessories such as Cast Iron Brackets, 32mm dia CP Waste Coupling, Rubber Plug and Chain, 32mm dia 'B' Class GI Waste Pipe, 15mm dia GM Wheel Valve, 15mm dia Nylon Connection, 15mm dia Brass Nipples, 15mm CP Pillar Tap etc		
M-0544	White without Pedastal	Set	1672.00
M-0545	White with Pedastal	Set	2012.00
M-0546	Colour without Pedastal	Set	2239.00
M-0547	Colour with Pedastal	Set	2477.00
M-0548	White Porcelain Sink of size 600mm x 450mm x 200mm with 32mm dia 'B' Class GI Waste Water Pipe and 32mm dia CP Waste Coupling	Set	2147.00
M-0549	Cuddapah Slab Sink of size 600mm x 450mm x 200mm with 32mm dia 'B' Class GI Waste Water Pipe & 32mm dia CP Waste Coupling	Set	769.00
M-0550	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	1020.00
	Stainless Steel Sink		
M-0551	600mm x 600mm x 200mm	Each	9180.00
M-0552	600mm x 450mm x 200mm	Each	7140.00
	Lipped Mouth Porcelain Flat Back Urinal with all accessories such as 32mm dia Bell Mouth PVC Connection, 15mm dia GM Wheel Value, 15mm dia 'B' Class GI Waste Water Pipe, 15mm dia Nylon Connection, 15mm dia Brass Nipple etc.		
M-0553	White	Set	940.00
M-0554	Colour	Set	1075.00
M-0555	Supplying and fixing of SS Sink of size 1200 x 550 x 180mm	Each	18540.00
M-0556	Supplying and fixing of Granite Sink of size 600 x 600 x 250mm	Each	4141.00
M-0557	Supplying and fixing of Ornamental Type White Glazed Porcelain Corner 'L' Type Wash Hand Basin of size 350mm	Each	3553.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0558	Supplying and fixing of Oval Shape Wash Hand Basin of size 560 x 450mm	Each	2899.00
M-0559	Supplying and fixing of White Glazed Porcelain Oval Shape Special Type Urinal of size 382 x 398 x 601mm	Each	10060.00
	Porcelain Soap Dish of size 150mm x 150mm x 50mm		
M-0560	White	Each	196.20
M-0561	Colour	Each	268.80
M-0562	Brass Chromium Plated Soap Tray of size 150mm x 100mm	Each	165.10
M-0563	Brass Chromium Plated Towel Rail 60cm long and 20mm dia with Brackets	Set	269.00
M-0564	SS Towel Rack 600mm long with Lower Hanger	Each	1545.00
M-0565	Anodised Aluminium Towel Rail 60cm long and 20mm dia with Brackets	Set	145.15
	PVC / Fibre Glass Framed 5.5mm thick Mirror, Shelf Type with Hard Board Backing		
M-0566	600mm x 450mm	Each	494.70
M-0567	500mm x 400mm	Each	398.30
M-0568	Special Type Mirror of size 1000 x 780mm	Each	2575.00
M-0569	Stoneware Gully Trap of size 150mm x 100mm with Cast Iron Double Gratings	Each	170.35
	<b>Cast Iron Nahini / Floor Trap</b> with Stainless Steel Grating		
M-0570	100mm x 75mm	Each	276.90
M-0571	75mm x 50mm	Each	216.90
	<b>PVC Nahini / Floor Trap</b> with PVC Grating		
M-0572	100mm x 75mm	Each	178.00
M-0573	75mm x 50mm	Each	156.00
	<b>First Quality Cast Iron Pipe</b>		
M-0574	150mm Dia	RM	994.00
M-0575	100mm Dia	RM	599.00
M-0576	75mm Dia	RM	478.00
M-0577	50mm Dia	RM	339.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>First Quality Cast Iron Specials</b>		
	<b>Plain Bend</b>		
M-0578	150mm dia	Each	538.00
M-0579	100mm dia	Each	262.00
M-0580	75mm dia	Each	202.00
M-0581	50mm dia	Each	154.00
	<b>Bend with Door</b>		
M-0582	150mm dia	Each	623.00
M-0583	100mm dia	Each	315.00
M-0584	75mm dia	Each	262.00
M-0585	50mm dia	Each	208.00
	<b>Plain TEE</b>		
M-0586	150mm dia	Each	1078.00
M-0587	100mm dia	Each	478.00
M-0588	75mm dia	Each	327.00
M-0589	50mm dia	Each	225.00
	<b>TEE with Door</b>		
M-0590	150mm dia	Each	1139.00
M-0591	100mm dia	Each	551.00
M-0592	75mm dia	Each	382.00
M-0593	50mm dia	Each	273.00
	<b>"Y" Junction with Door (Single)</b>		
M-0594	150mm dia	Each	1197.00
M-0595	100mm dia	Each	599.00
M-0596	75mm dia	Each	418.00
M-0597	50mm dia	Each	298.00
	<b>"Y" Junction with Door (Double)</b>		
M-0598	150mm dia	Each	1320.00
M-0599	100mm dia	Each	670.00
M-0600	75mm dia	Each	502.00
	<b>COWL</b>		
M-0601	150mm dia	Each	327.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0602	100mm dia	Each	196.00
M-0603	75mm dia	Each	131.00
M-0604	50mm dia	Each	101.00
	<b>Stoneware Pipe</b>		
M-0605	150mm dia	Each (0.6.RM)	102.00
M-0606	100mm dia	Each (0.6.RM)	63.40
	<b>Stoneware Specials</b>		
	<b>Stoneware TEE</b>		
M-0607	150mm dia	Each	166.15
M-0608	100mm dia	Each	128.00
	<b>Stoneware Bend</b>		
M-0609	150mm dia	Each	140.65
M-0610	100mm dia	Each	101.60
	<b>Stoneware "Y" Junction</b>		
M-0611	150mm dia	Each	171.30
M-0612	100mm dia	Each	127.55
M-0613	Spun Yarn	Kg	13.10
M-0614	Hemp Yarn	Kg	11.80
M-0615	Gunny Tape / Kithan	sqm.	11.80
M-0616	Tar	Kg	41.10
M-0617	Bitumen Felt 15mm thick Pad	sqm.	234.30
	Supplying, fabricating, erecting and fixing Hilux (or) Equivalent Board False Ceiling upto a ceiling height of 4.5m from floor level		
M-0618	Using Hilux Board Plain Sheets (10mm thick)	sqm.	972.00
M-0619	Using Perforated Sheets (10mm thick)	sqm.	994.00
	Supplying and laying Glass Wool for insulation including necessary packing materials		
M-0620	Using 50mm thick Glass Wool	sqm.	392.60
M-0621	Using 25mm thick Glass Wool	sqm.	209.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0622	Supply and installation of Anutone (or) Euivalent Brand of Acoustical False Ceiling of subtex nubby, square edge, glass fibre core fully encapsulated ceiling tile of size 595 x 595 x 15mm having volume density 120 Kgs / m3, weight 1.8 / 2.4 / 3 kg / m2 which is suspended by using 0.3mm thick skelet trellis T15 metal grid system. Skelet trellis T15 metal grid system of 600 x 600mm module includes skelet WA15 W30 wall angle with unequal flanges of 15 / 19mm, length 3000mm, fixed along the perimeter of walls with the help of nylon sleeves and suitable fasteners at 300mm centers. Then suspend the skelet MT15 W36 MainT with flange width 15mm, height 32mm and length 3600mm, from the soffit slab with help of soffit cleat and wire rod with leveling spring clip at 1200mm centres. Skelet CT15 W12 CrossT with flange width 15mm, height 26mm and length 1200mm is interlocked into the pre-cut slots in the Main T15 at 600mm centers in the perpendicular direction to the Main T15. Finally, the skelet CT15W06 CrossT with flange width 15mm, height 26mm and length 600mm are interlocked into the precut slots in the CT15W12 CrossT in direction parallel to the Main T15 to result in 600 x 600mm module. The subtex nubby square edge of size 595 x 595 x 15mm shall be placed into the grid size of 600 x 600mm. Ensure arrow marks behind the tiles are oriented in one direction to achieve uniform shade. The systems to achieve noise reduction coefficient not less than 0.9 NRC, so as to have an neat appearance as directed by the department offices. The cost includes, cost of material, cost of labour, scaffolding, transportation, conveyance, etc. complying to standard specification.	sqm.	1734.00
M-0623	Supply and installation of Anutone (or) Equivalent Brand of Acoustical False Ceiling of Sisoli Serene / Slate Spirits / Slate Polka Mineral Fibre/ GRG Core Ceiling Tiles of size 595 x 595 x 15mm having volume density 270 kgs / m3, weight 4kg / m2 which is suspended by using 0.3mm thick skelet trellis T15 metal grid system. The skelet trellis T15 metal grid system of 600 x 600mm module includes skelet WA15 W30 wall angle with unequal flanges of 15 / 19mm, length 3000mm, fixed along the perimeter of walls with the help of nylon sleeves and suitable fasteners at 300mm centers. Then suspend the skelet MT15 W36 MainT with flange width 15mm, height 32mm and length 3600mm, from the soffit slab with help of soffit cleat and wire rod with leveling spring clip at 1200mm centres. Skelet CT15 W12 CrossT with flange width 15mm, height 26mm and length 1200mm is interlocked into the pre-cut slots in the Main T15 at 600mm centers in the perpendicular direction to the Main T15. Finally skelet CT15 W06 CrossT with flange width 15mm, height 26mm and length 600mm are interlocked into the precut slots in the CT15 W12 CrossT in direction parallel to the Main T15 to result in 600 x 600mm module. Sisoli Serene / Slate Spirits / Slate Polka of size 595 x 595 x 15mm shall be placed into the grid size of 600 x 600mm. The systems to achieve noise reduction coefficient not less than 0.5 NRC, so as to have an neat appearance as directed by the department offices. The cost includes, cost of material, cost of labour, Scaffolding, transportation, conveyance, etc., complying to standard specification.	sqm.	968.00
M-0624	Supply of laying of Anutone (or) Equivalent Brand of Acoustical Insulation of Sound Synth Polywool, 50mm thick made from recycled poly fibre and fully recyclable, surface density 1000 g / m2, weight 1.0 kg / m2 in form of rolls of 600mm wide and 15m in length, adhered to surface with stick S7 adhesive or held in position with chicken wire mesh etc., complying to standard specification.	sqm.	428.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0625	Providing Polymer Coating (Water Proof Coating) for sunken portion of toilet with following specification and the surface shall be cleaned to remove all dust, foreign, matters loose materials or any other deposits of contamination by rubbing with wire brush. Slurry: Dry blend and polymer liquid blend shall be mixed into the desired ratio as per recommendation of the supplier. The mix shall be stirred thoroughly until no bubbles remain in the mix. Any lumps found in mix shall be removed. Apply first coat of polymer modified cementitious slurry by brush on wet cleaned surface. After drying, second coat shall be applied on the first coat as directed by the departmental officers etc. The rate inclusive of cost of materials and labour, etc., complete.	sqm.	329.00
M-0626	Providing Cornice Work for Gyp Board False Ceiling	RM	190.40
M-0627	8mm thick Calcium Silicate Board Designed and Perforated for False Ceiling	sqm.	1545.00
M-0628	Termite Proof / Water Proof Plywood 19mm thick	sqm.	1339.00
M-0629	Laminated Sheet 0.8mm thick (inside)	sqm.	246.40
M-0630	Laminated Sheet 1mm thick (outside)	sqm.	412.00
M-0631	Squatting Urinal	Set	454.50
M-0632	CI Brackets for fixing the Sink	Set	107.90
M-0633	Swan Neck Tap	Each	252.50
M-0634	Brass Screws (30 x 6mm)	Each	2.41
M-0635	Brass Screws (75 x 10mm)	Each	4.88
M-0636	Special Clamp, Teakwood Plugs and Screws	Set	21.60
M-0637	PVC Clamp, Teakwood Plugs and Screws	Set	8.50
M-0638	Teakwood Plug	Each	1.08
M-0639	Teakwood Plug (50 x 50 x 100mm)	Each	5.40
M-0640	Manhole Cover 60 x 60cm (Heavy Duty) with Frame	Each	1864.00
	Welding Charges		
M-0641	50mm	Each	2.11
M-0642	40mm	Each	1.64
M-0643	Add for Painting / Tarring for Hex Nipple	Each	2.82
M-0644	Labour Charges for fixing Cuddapah Slab to Cup-Board	sqm	45.95
M-0645	Hire Charges for Polishing Machinery	Day	228.60

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0646	Electricity Charges	Unit	11.90
M-0647	<p>Supplying and fixing in position White / Colour Glazed Model Floor Mounted European Water Closet of best quality and approved make with 100mm "P" or "S" trap connecting with CI pipe of 100mm dia / PVC pipe of 110mm dia, double flapped rigid PVC black seat and seat cover with CP brass hinges including cost of white cement, cement for packing, spun yarn, teak wood plugs, brass screws, etc., including supplying and fixing 10 litres capacity PVC / 12.5 litres capacity porcelin low level flushing tank with a pair of CI brackets, etc., complete with all fittings, such as, 15mm brass ball valve with polythene float with brass handle, union coupling connected by means of 40mm white PVC flush hand using indian adopter joint including all internal fittings, such as, 15mm bras connections, 15mm GM wheel valve, 15mm brass nipple (2 Nos.), 15mm nylon connection, TW plugs, screws and also giving necessary connection to the PVC pipe and painting the CI brackets with 2 coats of approved paint over one coat of red oxide primer, dismantling the masonry and re-doing the dismantled masonry to original condition, etc., complete complying with standard specifications. (The EWC and flushing tank with all accessories should be got approved by the Executive Engineer before use on works)</p> <p><b>Floor Fitting</b></p>	Each	5073.00
M-0648	<p>Supplying and fixing in position White / Colour Special Delux Model Glazed Cascade Type Parryware / Hindware / Equivalent Wall Mounted European Water Closet of best quality and approved make with 100mm "P" or "S" trap connecting with CI pipe of 100mm dia / PVC pipe of 110mm dia, double flapped rigid PVC black seat and seat cover with CP brass hinges including cost of white cement, cement for packing, spun yarn, teak wood plugs, brass screws, etc., including supplying and fixing 10 litres capacity PVC / 12.5 litres capacity porcelin low level flushing tank with a pair of CI brackets, etc., complete with all fittings, such as, 15mm brass ball valve with polythene float with brass handle, union coupling connected by means of 40mm white PVC flush hand using indian adopter joint including all internal fittings, such as, 15mm bras connections, 15mm GM wheel valve, 15mm brass nipple (2 Nos.), 15mm nylon connection, TW plugs, screws and also giving necessary connection to the PVC pipe and painting the CI brackets with 2 coats of approved paint over one coat of red oxide primer, dismantling the masonry and re-doing the dismantled masonry to original condition, etc., complete complying with standard specifications. (The EWC and flushing tank with all accessories should be got approved by the Executive Engineer before use on works) with 10 litres capacity flushing tank with all internal dual flush fittings with normal seat cover</p> <p><b>Wall Fitting</b></p>	Each	5888.00
M-0649	Vinyl Flooring 2mm thick	sqm.	552.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0650	Supplying and laying wooden flooring at site 8mm thick of approved make using click laminated floor with inbuilt 3mm sound bloc class of use 31 water resistant AC 3 grade impact resistant IC3 (as per EN 130 900 / 1400) having 0.60mm MLC (Multi-Layer Guard + SRS 2) (Scratch Resistant Surface Second Generation) on top of moisture high density fibre board substrate specially developed copr of plank size 1288 x 196 x 8mm having joints tongue and groove to secure long lasting joint. The tongue and groove having the edges duly pre impregnated with par affine including laying 0.20mm thick alkali resistant polyethylene sheet of density 850 kg / m3 beneath the laminated wooden panel to absorb the sound caused including labour charges, loading, unloading, transportation, etc., complete	sqm.	3545.00
M-0651	Manufacturing, Supplying and Fixing of Stainless Steel Hand rails for staircase using 50mm dia 304L Grade Stainless Steel pipe of 1.60mm thick at required locations to a height of 900mm from finished floor level welded to 38mm dia Stainless Steel pipe post of 1.00mm thick as vertical at 900mm centre with 2 Nos. of 25mm dia intermediate horizontal stainless steel pipe of 1.60mm thick in between. The vertical pipe has to be welded to the 100 X 100 X 6mm MS base plate encased in the base concrete. The rate is inclusive of the charges for cutting, bending, welding, grinding, polishing, conveyance, electrical charges, etc. complete	sqm.	5536.00
M-0652	Manufacturing, Supplying and Fixing of Stainless Steel Hand rails for staircase near wet riser using 50mm dia 304L Grade Stainless Steel pipe of 1.60mm thick will be provided with tubular supports made of 304L Grade Stainless Steel pipe of 25mm dia of 1.60mm thick welded to the railing. The supports will be grouted into the wall and provided with 93.00mm thick Stainless Steel circular base plate of 304 Grade. The rate shall included for grouting into concrete with necessary supporting arrangements the hand rail in floor polishing buffing, bonding, cutting, grinding, conveyance, welding charges, electrical charges, etc. complete	RM	1843.00
M-0653	PVC mould CI Steps for Sump	Each	230.20
	<b>Vertical Blinds</b>		
M-0654	Ordinary	sqm.	922.00
M-0655	Premium	sqm.	1383.00
M-0656	Stainless Steel Health Faucet	Each	1013.00
M-0657	High Density Fibre (HDF) Board	sqm.	2210.00

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0658	Providing and fixing of Aluminium Composite Panel (ACP) 4 sided having 50 x 25 x 1.50mm frame work vertical and horizontals out of specially designed extruded sections withstand wind pressure of 180 Kg/sq.m and fabricated fixed at all level elevation and heights. The extruded section cutting and fixing required space extruded section shall be of 6063 and alloy of BSH 9 confirming T is – 63400 rate shall included to fix the main frame with necessary clamps, fasteners, bolt nuts etc. The main frame of extruded section shall be of 22843 & 22739 (H9) grade conforming to BS 4174 (or) IS 8147. Rate shall included 4mm thick ACP sheet (0.25 + 3.5 + 0.25) alstrong or equivalent fixing with spacer tape and the ACP sheet bounded with special type structural sealant of dow corning 789 or equivalent in dust free conditions the gaps between ACP sheet to be filed with whether sealant and backer rod or 12mm foam sheet to ensure water and air tightness in all complete complying with standard specification as directed by the departmental officer	sqm.	4836.00
M-0659	Designing the Semi Unitised Structural Glazing System with open groove joint as per design intent, preparation of shop drawings for approval, supply, fabricate, erect as per approved shop drawings at all floor levels and all floor heights including conducting field test as per the test criteria set out in the particular specification (Metholodgy should be got approved by the Dept. Officials.) Design the framing system (i.e. male & Female frame) to support vision panels, spandrel panels either with glass or aluminium composite panel, openable, window panels on a continuous framing supported between floors. Also design the split framing unutilized glazing system in case of strip or punched windows with vision panel proposed with either insulated / Monolithic glass, groove width in the system both in horizontal and vertical shall not be more than 20mm. Glazing of panel shall be done only at factory at the controlled atmosphere	sqm.	4841.00
	Bitumen Pad		
M-0660	12mm thick	sqm.	479.00
M-0661	20mm thick	sqm.	719.00
M-0662	Providing Strong Room Door for Sub-Treasuries	Each	298750.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0663	<p>Pre-painted Galvanized Iron Windows (Air Tight Model) with Grill and Glass:</p> <p>Providing and fixing Ajanta Cave Model Window fabricated from roll formed sections made of galvanized steel colour coated / powder coated (Base steel as per IS 513 'D' quality, galvanized as per IS 277 with zinc of 120 grams / sqm.) with total coated thickness of 0.60mm.</p> <p>Paint specification: Coated sections should be with primer coat of epoxy primer of 5-7 microns thick finish painted with a polyester paint of 12-16 microns thick and back coated with alkyd backer of 5-7 microns.</p> <p>Dimensions of sections: Sections for shutter should be of 46 x 46mm and external frame should be of 46 x 52mm. Section for glass beading should be of 18 x 25mm and centre mullion should be of 46 x 70mm.</p> <p>Fixing details: The frame and shutter sections should be cut to length and mitre joined with corner bracket made of CRCA electro plated. Mullion section should be joined with frame / mullion using nylon mullion cap. Ethyl Propylene Diamine Monomer (EPD) Gasket should be used all around glass in shutter between frame and glazed shutter and both sides of fixed glass.</p> <p>Accessories: Handle made of high grade aluminium powder coated and with nylon receiver. Gaskets made of Ethyl Propylene Diamine Monomer (EPDM). Corner brackets made of CRCA with zinc phosphating. Mullion caps made of glass filled nylon.</p> <p>Glass: Glass shutter and fixing glass portion should be provided with a glass of 5mm plain float glass.</p> <p>Grill: Windows should be provided with grill made of 10mm square MS bars welded to 12mm x 5mm flat at 4" intervals. Total grill unit should be power coated and fixed to window frame with screws.</p> <p>The above frame should be fixed to brick / concrete masonry by using nylon self-expanding caps and driving MS electro plated 80mm long screws into the caps through frames.</p>	sqm.	5508.00
M-0664	<p>Pre-painted Galvanized Iron Windows (Semi Air Tight Model) with Grill and Glass:</p> <p>Providing and fixing Eco 3000 Series Window fabricated from roll formed sections made of galvanized steel colour coated / powder coated (Base steel as per IS 513 'D' quality, galvanized as per IS 277 with zinc of 120 grams / sqm.) with total coated thickness of 0.58mm.</p> <p>Paint specification: Coated sections should be with primer coat of epoxy primer of 5-7 microns thick finish painted with a polyester paint of 12-16 microns thick and back coated with alkyd backer of 5-7 microns.</p> <p>Dimensions of sections: Sections for frame should be of 48 x 50mm, section for glazed shutter frame should be 47 x 20mm and section for fixed glass bead should be of 12 x 12mm.</p> <p>Fixing details: The frame and shutter frame sections should be cut to length and mitre joined with polypropylene corner bracket. Mullion section should be joined with frame / mullion using nylon mullion cap. Ethyl Propylene Diamine Monomer (EPDM) Gasket should be used all around glass in shutter.</p>	sqm.	5151.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<p>Accessories: Each glazed shutter should be provided with SS pivot hinges - 1 set, Polypropylene handle - 1 No. with receiver and aluminium peg stay powder coated - 1 No.</p> <p>Glass: Glass shutter and fixing glass portion should be provided with a glass of 4mm Pinhead Glass.</p> <p>Grill: Windows should be provided with grill made of 10mm square MS bars welded to 12mm x 5mm flat at 4" intervals. Total grill unit should be power coated and fixed to window frame with screws.</p> <p>Window Frame should be fixed to brick masonry / concrete masonry by using Nylon self-expanding caps and driving MS electr oplated 80mm long screws into the caps through frames.</p>		
M-0665	<p>Pre-Painted Galvanized Iron Windows with Glass, Grill &amp; Fly Mesh:</p> <p>Providing and fixing Windows from roll formed sections made of galvanized steel powder coated (Base steel as per IS 513 'D' quality, galvanized as per IS 277 with zinc of 120 grams / sqm.) with total coated thickness of 0.58mm.</p> <p>Paint specification: Coated sections should be with primer coat of epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with alkyd backer of 5-7 microns.</p> <p>Dimensions of sections: Section for frame should be of 72mm x 55mm, section for mullion should be of 72mm x 50mm, section for shutter frame should be of 47mm x 20mm, section of fixed glass bead should be of 12mm x 12mm and section for fly mesh shutter frame should be of 40mm x 20mm.</p> <p>Fixing details: Section for frame, glazed shutters and mesh shutters should be cut to length and mitre joined with polypropylene corner brackets, mullion section should be joined with frame / mullion using mullion cap.. Ethyl Propylene Diamine Monomer (EPDM) Gasket should be used all around glass in shutter and fixed glass. Spoon profile should be used around Fly mesh to fix mesh in mesh shutter.</p> <p>Accessories : Each glazed shutter and mesh shutter should be provided with SS pivot hinges - 1 set, Polypropylene handle - 1 No. with receiver and aluminium powder coated peg stay - 1 No. for glazed shutter alone.</p> <p>Glass: Glass shutter and fixed glass portion should be provided with a glass of 4mm pinhead glass.</p> <p>Mesh: Mesh shutter should be provided with a SS 32 gauge fly mesh of 304 grades with 144 holes per square inch.</p> <p>Grill: Windows should be provided with grill made of 10mm square MS bars welded to 5mm x 12mm flat at 4" intervals. Total grill unit should be powder coated and fixed to window frame with screws.</p> <p>Window frame should be fixed to brick / concrete masonry by using nylon self-expanding caps and driving MS electro plated 80mm long screws into the caps through frames.</p>	sqm.	6790.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0666	<p>Pre-Painted Galvanized Iron Two Track Sliding Window: Providing and fixing pre-painted two track, two panel sliding system fabricated from roll formed sections made of galvanized steel powder coated (Base steel as per IS 513 'D' quality, galvanized as per IS 277 with zinc of 120 grams / sqm.) with total coated thickness of 0.58mm. Paint specification: Coated sections should be with primer coat of epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with alkyd backer of 5-7 microns. Dimensions of sections: Section for frame two track should be of 59mm x 44mm, section for shutter should be of 35mm x 49mm for window, section for euro groove should be of 25mm x 24mm and for lap strip should be 30mm x 41mm. Fixing details: The frame and shutter sections should be cut to length, joined with corner brackets made of glass filled nylon. Ethyl Propylene Diamine Monomer (EPDM) Gasket should be used all around glass. Accessories: Corner brackets made of glass filled nylon gasket made of Ethyl Propylene Diamine Monomer (EPDM). Locking system should be of single pin locking for Windows. Single wheel rollers for windows should be provided. Glass: Glass shutter and fixed glass portion should be provided with a glass of 4mm pinhead glass. Window frame should be fixed to brick / concrete masonry by using nylon self-expanding caps and driving MS electro plated 80mm long screws into the caps through frames.</p>	sqm.	4940.00
M-0667	<p>Pre-Painted Galvanized Iron Three Track Sliding Windows: Providing and fixing pre-painted three track, three panel sliding system fabricated from roll formed sections made of galvanized steel colour coated (Base steel as per IS 513 'D' quality, galvanized as per IS 277 with zinc of 120 grams / sqm.) with total coated thickness of 0.58mm. Paint specification: Coated sections should be with primer coat of epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with alkyd backer of 5-7 microns. Dimensions of sections: Section for outer frame three track should be of 92mm x 44mm, section for shutter should be of 35mm x 49mm for window, section for euro groove should be of 25mm x 24mm and for lap strip should be 30mm x 41mm. Fixing details: The frame and shutter sections should be cut to length, joined with corner brackets made of glass filled nylon. Ethyl Propylene Diamine Monomer (EPDM) Gasket should be used all around glass. Accessories: Corner brackets made of glass filled nylon. Gasket made of Ethyl Propylene Diamine Monomer (EPDM). Locking system should be of single pin locking for windows. Single wheel rollers for windows should be provided. Glass: Glass shutter and fixed glass portion should be provided with a glass of 4mm pinhead glass. Window frame should be fixed to brick / concrete masonry by using nylon self-expanding caps and driving MS electro plated 80mm long screws into the caps through frames.</p>	sqm.	5460.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0668	<p>Pre-Painted Galvanized Iron Fixed Louvered Ventilators with Glass and Grill:</p> <p>Providing and fixing louvered ventilator fabricated from roll formed sections made of galvanized steel colour coated / powder coated (Base steel as per IS 513 'D' quality, galvanized as per IS 277 with zinc of 120 grams / sqm.) with total coated thickness of 0.58mm.</p> <p>Paint specification: Coated sections should be with primer coat of epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with alkyd backer of 5-7 microns.</p> <p>Dimensions of sections: The section for external frame should be of 57mm x 33mm.</p> <p>Fixing details: The section should be cut to length, joined with profile to profile component.</p> <p>Accessories: Glass holding flanges made of glass filled nylon.</p> <p>Glass: Louvers should be provided with 4mm pinhead glass.</p> <p>Grill: Ventilator should be provided with grill made of 10mm Square MS bars to 12mm x 5mm flat at 4" intervals. Total grill unit should be powder coated and fixed to ventilator frame with screws.</p> <p>The above frames should be fixed to brick / concrete masonry walls and floor by means of self-expanding screws.</p>	sqm.	4940.00
M-0669	<p>Pre-Painted Galvanized Iron Door Frame:</p> <p>Providing and fixing door frames from sections made of galvanized steel powder coated (Base steel as per IS 513 'D' quality, galvanized as per IS 217 with zinc of 120 grams / sqm.). The factory made section should be with a powder coating of pure polyester powder of 50-60 microns thick with total coated thickness of 1.25mm. Size of door frame section should be of 105 x 60mm with a rebate of 37mm to accommodate 35mm thick door shutter. The frame section should have groove to insert gasket. 2 tie rods of 10mm tor steel to be provided at bottom. Provision for aldrop, mortise lock to be made in the section as per the instruction of Engineer-in-Charge. The frame section should be cut to length, and joined by way of welding.</p> <p>Note: 1.25mm thick (Total coated thickness tolerance as per IS 513)</p>	Rm	595.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0670	<p>Pre-Painted Galvanized Iron windows (Air Tight Model) with Acrylic Sheet &amp; Grill:</p> <p>Providing and fixing Ajanta Cave Model window fabricated from roll formed sections made of galvanized steel colour coated / powder coated (Base steel as per IS 513 'D' quality, galvanized as per IS 277 with zinc of 120 grams / sqm.) with total coated thickness of 0.6mm.</p> <p>Paint specification: Coated sections should be with primer coat of epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with alkyd backer of 5-7 microns.</p> <p>Dimensions of sections: Sections for shutter should be of 46 x 46mm and external frame should be of 46 x 52mm. Section for glass beading should be of 18 x 25mm and centre mullion should be of 46 x 70mm.</p> <p>Fixing details: The frame and shutter sections should be cut to length and mitre joined with corner bracket made of CRCA electro plated. Mullion section should be joined with frame / mullion using nylon mullion cap. Ethyl Propylene Diamine Monomer (EPDM) Gasket should be used all around glass in shutter, between frame and glazed shutter and both sides of fixed glass.</p> <p>Accessories: Handle made of high grade Aluminium Powder coated and with nylon receiver. Gaskets made of Ethyl Propylene Diamine Monomer (EPDM). Corner brackets made of CRCA with zinc phosphating. Mullion caps made of glass filled nylon.</p> <p>Glass: Glass shutter and fixing glass portions should be provided with a glass of 6mm acrylic sheet.</p> <p>Grill: Windows should be provided with grill made of 10mm square MS bars welded to 12mm x 5mm flat at 4" intervals. Total grill unit should be powder coated and fixed to window frame with rivet. The above frame should be fixed to brick / concrete masonry by using nylon self-expanding caps and driving MS electro plated 80mm long screws into the caps through frames.</p>	sqm.	5870.00
M-0671	<p>Structural Glazing:</p> <p>Providing and fixing structural glazing fabricated from roll formed sections made of galvanized steel colour coated (Base steel as per IS 513 of 'D' quality, galvanized as per IS 277 with Zinc of 120 grams / sqm.) with total coated thickness of 0.72mm. The glass holding section made of 304 grade SS of 0.6mm thick. Galvanized steel sections are to be used as stiffeners inside the colour coated steel / powder coated sections as per the design requirement. Design calculations are made to suit wind pressures as given in IS 875.</p> <p>Paint specifications: Primer coat with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and back coated with alkyd backer of 5-7 microns or powder coated with pure polyester powder upto 50-60 microns thick.</p> <p>Dimensions: The section should be of 37 x 53mm for frame vertical, 37 x 53mm for frame horizontal section and section for reinforcement should be of 31 x 55mm. glass holding section should be of 37 x 37mm for top and bottom grids in between should be of 37 x 18mm.</p>	sqm.	5870.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<p>Accessories: Brackets made of CRCA powder coated / electro plated should be used to fix vertical at top and bottom and vertical to slab as per site requirement. Polyurethane brackets should be used to connect horizontal section to vertical sections.</p> <p>Silicone: Natural cure, with good UV resistance to be used.</p> <p>The above frame should be fixed to brick / concrete masonry by using nylon self-expanding cap and driving MS electro plated 80mm long screws into the caps through frames.</p> <p>Glass: 5mm reflective Saint Gobain OR equivalent.</p>		
M-0672	<p>Pre-painted Galvanized Iron Fixed Louvered Ventilators with Glass, Mesh and Grill:</p> <p>Providing and fixing louvered ventilator fabricated from roll formed sections made of galvanized steel colour coated / powder coated (Base Steel as per IS 513 of 'D' quality, Galvanized as per IS 277 with Zinc of 120 grams / sqm.) with total coated thickness of 0.58 mm</p> <p>Paint specification: Coated sections should be with primer coat of epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 microns thick and black coated with alkyd backer of 5-7 microns.</p> <p>Dimensions of section: The section for external frame should be of 57 x 33mm.</p> <p>Fixing details: The section should be cut to length and joined with profile to profile component.</p> <p>Accessories: Glass holding flanges made of glass filled nylon.</p> <p>Glass: Louvers should be provided with 4 mm thick pinhead glass.</p> <p>Mesh: Mesh should be provided with a SS 32 gauge fly mesh of 304 grades with 144 holes per square Inch.</p> <p>Grill: Ventilator should be provided with grill made of 10mm square MS bars welded to 12mm x 5mm flat at 4" intervals. Total grill unit should be powder coated and fixed to window frame with screws.</p> <p>The above frames should be fixed to concrete / masonry walls and floor by means of self expanding screws.</p>	sqm.	5250.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0673	<p>Providing UPVC (Un-Plasticized Polyvinyl Chloride) Door: Providing and fixing casement doors fabricated from un-plasticized polyvinyl chloride (uPVC) sections.</p> <p>Profiles: The profiles should be three chamber system which provides high insulation properties with outer frame 60mm x 55mm with an outer wall thickness of 2.4mm. The window unit should be designed with all corner joints mitred and fusion welded. Windows should be steel reinforced with 25 x 24 x 25mm steel reinforcement with a thickness of 1mm to have dimensional stability. The sash should be of 60 x 102mm. The mullion should be of 60 x 74mm. The profiles should have co-extruded seals.</p> <p>Hardware: All the hardware like friction stays, handles should be screwed with self tapping screws. The handles, locks should be designed so that they cannot be released from outside.</p> <p>Glazing: The window system should be glazed with 5mm plain float glass / 6mm bison lam</p> <p>Installation: The profiles should be cut to length and welded 45 degrees. The window should be designed such that the water drainage does not pass through the reinforcement chamber. The window system should be fixed directly to the plastered brick wall using self expanding nylon plug and driving ms electroplated screws into plug.</p>	sqm.	8313.00
M-0674	<p>UPVC Window</p> <p>Specification:</p> <p>Supplying and fixing UPVC (Un-Plasticized Polyvinyl Chloride) Windows of casement type (open) from the profile the size of outer frame 60mm x 58mm and shutter profile are reinforcement with GI/1mm 125GSM and 100% corrosion free, the profiles are multi chambered sections with wall thick of 2mm. The EPDM rubber (black colour) covered with over all the edges of frame and shutter the shutter will be provided with Espag multi power point locks and also it operates as handle. The corners and joints should be welded and cleaned. Radiations free pin headed plain or brown colour glass 4mm thick should be provided to the shutter and it should not allow leakage of water even at most ranging storms and should have key lockable action, security protective hinges, strong locking systems and as per size for arresting noise and energy loss. The connecting mechanism between sash and outer frame that enables opening of the window. The window should be fixed to the wall with 100% packing with screws and silicon packing all round the frames. The window should be got approved from the Executive Engineer before use on work</p>	sqm.	7482.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0675	UPVC Ventilator Specification: Supplying and fixing UPVC (Un-Plasticized Polyvinyl Chloride) Louvered Ventilators of from the profile the size of outer frame 60mm x 58mm and shutter profile size of 60 x 78mm both profiles are reinforced with GI/1mm 125GSM and 100% corrosion free, the profile are multi chambered sections with wall thick of 2mm. The EPDM rubber (black colour) covered with all over the edges of frame and shutter. The corners and joints should be welded and cleaned. Radiations pin headed glass 4mm thick should be provided in the louvers. The window should be fixed to the wall with 100% packing with screws and silicon packing all round the frames. The ventilator should be got approved from the Executive Engineer before use on work	sqm.	8106.00
M-0676	FOAMED PVC DOOR FRAME Specification: Providing factory made pre-laminated FPVC (Formed Polyvinyl Chloride) Door Frame of the size 105 x 40mm with a wall thickness of 10mm made out of extruded rigid FPVC profile mitre joined with 6 Nos. of 5mm long screw. The door frame shall be fixed to the wall by using 80mm long screws through the frame with the help of PVC fasteners of 3 Nos. to be provided for each vertical member, GI stiffeners of ('U' channel of size 29 x 9, 1mm, 150mm long) - 3 Nos. at hinge point, frame reinforcement of ('U' GI channel of size 46 x 22 x 0.6mm), bottom tie rod of ('U' GI channel size of 15 x 15 x 1mm), etc., complete complying with the standard specification. The door frame should be got approved from the Executive Engineer before use on work	RM	530.00
	ABS DOOR / EQUIVALENT Specification: Providing of 35mm thick factory made pre-laminated ABS (Acrolynitrile Butadiene Styrene) Door Shutter moulded in different designs, consisting of all round frame made out of water proof solid foam PVC bar of size 20 x 32mm, reinforced by 32 x 32mm - 2 Nos., for vertical made out of LVL (Laminated Veneer Lumber), core material of 32mm thick high density craft paper honey comb board, sandwiched on both sides with pre-laminated ABS sheet thickness of 1.5mm. PVC edge banding of size 0.45mm on the vertical sides. Hardware made out of steel coated butterfly hinges - 3 Nos., for each shutter and ISI make SS round lock complete for finished item of work, complete complying with the standard specification. The door shutter and frame should be got approved from the Executive Engineer before use on work		
M-0677	Plain Pre-laminated Door	sqm.	5946.00
M-0678	Design Pre-laminated Door	sqm.	6273.00
	<b>Autoclaved Cellular Aerated Concrete Blocks</b>		
M-0679	600mm x 200mm x 100mm	Each	45.80
M-0680	600mm x 200mm x 150mm	Each	68.65

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0681	600mm x 200mm x 200mm	Each	91.60
M-0682	600mm x 200mm x 225mm	Each	103.50
M-0683	Self Curing AAC Joint Mortar	40 Kg / Bag	612.00
M-0684	Ready Mix Plaster for Rendering	50 Kg / Bag	303.00
M-0685	Plasticizer / Super Plasticizer	Kg.	43.20
	Making through holes in Plain or Reinforced Cement Concrete with Diamond Core Drilling System by using BOSCH power tools of following diamete - Depth per cm		
M-0686	100mm	Each	324.00
M-0687	150mm	Each	432.00
M-0688	200mm	Each	484.00
M-0689	Supplying and Installing Metal False Ceiling using Fire Retardant Galvanized Steel Sheet Plain lay in tile size 600mm x 600mm, 0.5mm thick, powder coated on external surface and shall have flange on all four sides to rest on the exposed grids. The system to give 600mm x 600mm centre to centre 'T'. The 'T' shall be not be dipped GI Tee Section 3600mm long main Tee. 24mm wide and cross Tee panels are formed by running main runner of 'T' section of size 30mm x 24mm powder coated at bottom at intervals with powder coating at bottom. Necessary provision of inter locking of 'T' section are made at required intervals not exceeding 1200mm. The main runners are suspended from the ceiling by means of 4mm dia. GI rods fixed to the ceiling using anchor fasteners of 50mm x 8mm size with nylon inset and hooked to the main rubbers using clips. The last hangers at end of each rubber should not be greater than 600mm from the adjacent wall. The last panel shall be placed at the side wall using edge profile 'L' Angle of size 20mm x 20mm and fixed to the side wall the false ceiling should be fixed of same level and should present a neat look	sqm.	3151.00
M-0690	Supplying and fixing of SS Wall Cladding	sqm.	12875.00
M-0691	Supplying and fixing of SS False Ceiling	sqm.	7726.00
	Supplying and Fixing of Aluminium Dye Cast Letters of approved size and colour. The colour treatment process is achieved with MRF colour coat and then the processed coloured layer is set into the kiln for the heat treatment process for the following sizes		
M-0692	Aluminium Dye Cast Letters 9" size	Each	1179.00
M-0693	Aluminium Dye Cast Letters 6" size	Each	748.00
	English Brass Letters		
M-0694	25cm (10")	Each	918.00

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0695	37cm (15")	Each	1296.00
	Tamil Brass Letters		
M-0696	25cm	Each	1682.00
M-0697	20cm	Each	1274.00
M-0698	15cm	Each	2040.00
	English Stainless Steel Letters		
M-0699	60cm (24")	Each	3434.00
M-0700	25cm (10")	Each	1464.00
	Tamil Stainless Steel Letters		
M-0701	60cm (24")	Each	3656.00
M-0702	25cm (10")	Each	1818.00
M-0703	Emblem (15")	Each	12975.00
M-0704	Providing Wall Panelling using one side teak wood sheet with melamine polishing with following specification. The frame using aluminium tubular section of size 50mm x 25mm x 2mm thick fixing horizontally and vertically in position with wall at interval of 0.60m in both directions, fixing water proof plywood of 12mm thick over the aluminium frame work with necessary screws. One side teak wood sheet of 3.5mm thick will be fixed over the plywood using fevical and finishing with melamine polishing and the rate inclusive of conveyance to site and labour charges and as directed by the Departmental Officers. The design pattern, water proof plywood, OST sheet and other materials to be used shall be got approved by the Executive Engineer concerned before use on work etc., complete.	sqm.	6070.00
M-0705	Providing and fixing Acoustic Wall Panelling (equivalent to Armstrong) in channelled wood works perforated panels of width 192mm, thickness of 15mm and length of 2400mm or as per required by the Departmental Engineer made of a high density fibre board with minimum 725 kg./m3 density substrate with a laminated facing as per the approved shade and finish and a melamine balancing layer on the reverse side. The boards shall have a special perforation pattern where the visible surface has a "Helmholtz" fluted perforation of 3mm width and 21mm of visible panel each. The edges of the panels shall be "tongue-and-grooved" to receive special clips for installation. The back of the perforated panel shall have sound absorbing non woven acoustical fleese having NRC of 0.52. The panels shall be mounted on special aluminium splines using clips provided by Armstrong and approved by the Engineer-in-Charge.	sqm.	8615.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<p>Installation: Install aluminium box section (provided by others) of section 50mm x 25mm or as approved by the Engineer-in-Charge on the solid wall horizontally using screws and plugs at spacing of 600mm centre to centre. Screw the aluminium extruded keel for channelled wood works provided by Armstrong over the lowest and second aluminium section at an on centre distance of 600mm. Place the inside clip on the groove end of the panel along the aluminium keel and then place the tongue end of the next panel. Continue installing rows of panels by inserting the tongue into groove of the earlier inserted panel and progressively installing inside clips into the next keel till the actual height is achieved. Finish off the edges using wooden moulding of matching colour (provided by others). Installation to be carried out by Armstrong Trained Installation Team and installation should be carried out as per Armstrong Recommended Procedure.</p>		
M-0706	<p>Supplying and fixing the Wall Panelling with the following specification fixing horizontally and vertically in position of wall. Fixing the water proof ply wood 9mm thick board over the country wood planks. Over the ply wood OST sheet of 4mm thick will be fixed with necessary screws and fevicol giving neat finish. The top will be finished with two coats of sanding polishing. The surface will be finished with necessary design as directed by the Departmental Officers. The rate inclusive of all materials, labour power and conveyance of materials to the work site, loading &amp; unloading etc., and as per drawing and design by the Departmental Officers. The water proof ply wood and OST sheet and other materials to be used shall be got approved by the Executive Engineer concerned before use on work, etc., complete as per standard specification.</p>	sqm.	5406.00
M-0707	<p>Supplying and installation of Anutone / Topakustiks / Idea Tec / Wood Fit / Equivalent Brand of Acoustic Wooden Wall Panelling with fire retardant grade pine wood fibre slats of size 2430 x 128 x 16mm with lineal perforation of 2mm back lined with soundtex black acoustical fleece 0.27mm thick, 63 g / m<sup>2</sup>, tongue-groove edge for a seamless look, 5 test fire retardant grade with noise reduction coefficient not less than 0.75 NRC to absorb low and mid range frequencies from 125Hz to 4000Hz. GI strut CC50 frame work not more than 60 cm centre to centre using GI channels are fixed on the wall, over which an acoustic filling polywool material sound synth of 500 gsm density of 50mm thick has fixed and finally the panels are fixed and finished, so as to have an neat appearance as directed by the departmental offices. The cost includes cost of material, cost of Labours, scaffolding, transportation, conveyance, etc., complete complying to standard specification.</p>	sqm.	5508.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0708	<p>Supplying and installation of Anutone / Woodfit / Saint Gobian / Equivalent Brand of Acoustic Fabric Wall Panelling of stretch fabric NRC wall fabric system by using FR Grade NRC fabric of size 1400mm width shall be stretched by using CC 25 with infill of synth pf polywool 10 X 25 mm thick, rigid vinyl stretch tracks half wrap / full wrap 15mm (FS15) and midseam 15mm (FS15), strand board, synth PF infill with requisite accessories &amp; tools. CC 50mm is first installed on the wall along with the marking lines with metal fasteners inserted at 300mm centers. FS15 tracks to be installed on wooden base, after applying stick S7 adhesive on both surfaces for a true and continuous secure grip, and heavy-duty fasteners at 150mm centers on one / both sides of stretch tracks. Strand square edge magnesite bonded pinewood fiber panels of size 600 x 2400 x 20mm having density 400 kg / m<sup>3</sup>, weight 4 kg which is fixed to wall with suitable fasteners. Sound synth PF polywool 10 x 25mm thick adhered on strand panel by using Stick 7 adhesive. Fabric of width 1400mm is then aligned to the stretch tracks by following the fabric thread line or pattern. The fabric is stretched and tucked into the stretch tracks and secure into the locking jaws so that it will be smooth, free of wrinkles with the tucking tools. The systems to achieve noise reduction coefficient not less than 0.85 NRC, so as to have an neat appearance as directed by the department offices. The cost includes, cost of material, cost of labour, scaffolding, transportation, conveyance, etc., complying to standard specification.</p>	sqm.	5304.00
M-0709	<p>Supply and installation of Anutone / Tectum / Heradesign / Equivalent Brand of Acoustical Slim Wall Panelling of synth slim, polyfibre panels, core-pigmented, high-density, Synth PF rigid panels of size 1200 x 2400 x 9mm thick, volume density 210 - 230 kg / m<sup>3</sup>, weight 1.9-2.1 kg/m<sup>2</sup> installed by using GI strut frame work system. The GI strut frame work systems includes GI strut CC 50 cross channel having thickness 0.7mm, length 3600mm, knurled web 50, depth 25mm and equal flanges 15mm is fastened to wall positioned horizontally in a regular manner at 600mm centre to centre. Anutone (or) Equivalent Brand of strand, square edge, magnesite bonded pine wood fibre core tiles of size 600 x 2400 x 10mm, density 400 kgs / m<sup>3</sup>, weight 8 kg /m<sup>2</sup> are fastened to strut CC 50 cross channel with suitable fasteners. Longer edges of the panel should be perpendicular to strut CC 50 cross channel. Synth slim panels are then adhered to strand behind with stick S7 adhesive. The system is backlined with the acoustical infill SynthPF 500 gsm 50 thick. The systems to achieve noise reduction coefficient not less than 0.85 NRC, so as to have an neat appearance as directed by the department offices. The cost includes, cost of material, cost of labour, scaffolding, transportation, conveyance, etc., complying to standard specification.</p>	sqm.	4998.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0710	Supply and installation of Anutone / Hera Design / Tectum / Equivalent Brand of Acoustical Fibre Based Wall Panelling of strand colour, kerfed edge magnesite bonded pine wood fibre core tiles of size 600 x 2400 x 20mm, density 400 kgs / m <sup>3</sup> , weight 8 kg / m <sup>2</sup> installed by using GI strut frame work system with non-visible fasteners using PVC strut H-Spline. The GI strut frame work systems includes GI strut CC 50 cross channel having thickness 0.7mm, length 3600mm, knurled web 50, depth 50mm and equal flanges 15mm is fastened to wall positioned horizontally in a regular manner at 600mm centre to centre. PVC strut H-Spline having sectional thickness 2mm and length 2400mm to be fixed perpendicular to the Strut CC50 cross channel at 600mm centers. The kerfed edge panels shall be then inserted into the strut H-Spline along their long edges of 2400mm against frame work to perfect fit with staggered short edges. The system is backlined with the acoustical infill Anutone or Equivalent Brand of SynthPF 500 gsm 50mm thick. The systems to achieve noise reduction coefficient not less than 0.9 NRC, so as to have an neat appearance as directed by the department officers. The cost includes, cost of material, cost of labour, scaffolding, transportation, conveyance, etc., complying to standard specification.	sqm.	3366.00
M-0711	Providing and fixing of 1.2mm thick Lead Lining Door for X-Ray Rooms, Scanning Rooms with Mild Steel Door Frames 105mm x 57mm X 18 G and 12 G x 50mm Shutter made of GI with PWG finish and honey wool insulations with SS 101mm x 75mm x 3mm SS 304 Ball Bearings Butt Hinges, Mortice Sash Lock ML 100A, 50mm BS, 85mm centre, CL 207 : Key & Knob 70mm, 5 Pin Cylinder with Handle SS Finish (Dorma Make), Heavy Duty Door Closer, Frames fixed with walls using Mortice Sash Lock ML 100A, 50mm BS, 85mm centre CL207: Key & Knob 70mm, 5 Pin Cylinder with Handle SS Finish (Dorma Make) all necessary accessories and fittings as per the required and as per the approval for the Department Officer	sqm.	14059.00
M-0712	Post Tensioning Work: Design and execution of post tensioning work, including decoiling, the strands, cutting to the required lengths, supplying, laying of HT strands sheathing (GI corrugated ducts 0.3mm thick) jointing with couplers and inserting the strands, profiling, fixing liveend anchorages, including supply of stressing anchorages, suitable for 5-5 & 5-4 tendons, grout vents, making dead end anchorages, including flowering the strands, fixing tendon support bars, supervising the fixing of antibursting reinforcement, stressing the cables, end trimming, grouting the cables, with cement slurry, mixed with admixtures with required tools, plants, and machineries, and consumables etc. (Shuttering, concreting & reinforcement steel shall be paid under respective items) at all heights including all leads, lifts, coordination, with the post- tensioning agency, preparation of drawings, obtaining approval from the Employer / Architect etc. Rate to include providing water, power, cement and admixture for grouting, packing of sheathing and anchorages blockings, filling of recess pockets after stressing using grouts (cement slurry mixed with approved admixtures) including providing access to post tensioning at all heights including all leads, lifts etc., all complete and as approved and as directed by the Employer Architect but excluding shuttering, concreting & reinforcement steel which shall be payable under respective items separately.	MT	199775.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0713	Supplying, fabricating and fixing in position factory made Stainless Steel Flush Door Shutter 35mm thick using SS 304 Grade 1.6 mm thick, Stainless Sheets on both sides (Equivalent to IS 6911-04 Cr. 19, Ni 9) minimum 8-8.5% nickel and 18% chromium sourced from original stainless steel manufacturer with view panel size 30mm x 45mm made up of 6mm thick clear toughened glass fitted with double side adhesive tape and finished with dowconing silicon sealant, floor spring for each shutter, consealed tower bolt, suitable stainless steel locking arrangement and other necessary furniture fittings of approved quality. The vertical styles and other frame members and cross stiffeners shall be of same quality stainless steel box section of suitable size and thickness with proper core material as prescribed by the Departmental Officers	Sqm.	37743.00
	Manhole Cover SFRC		
M-0714	600mm x 600mm	Each	2701.00
M-0715	750mm x 750mm	Each	2971.00
M-0716	900mm x 900mm	Each	3244.00
M-0717	Incinerator for Ladies Bathroom (For School Works)	Each	34570.00
M-0718	Polycarbonate Sheet 6mm thick	Sqm.	648.00
M-0719	Galvalume Colour Sheet of size 0.47mm	Sqm.	434.00
	Supplying and erecting in position of following liters capacity Industrial Model Reverse Osmosis Water-cum-Purifier to deliver Potable Water with World Health Organisation (WHO) Standards with following accessories. (a) MS Skid - 1 No. (b) Media 11054 No. Vessel with 20 nb Multiport Valve (with Media Pubble and Fine Sand and Activated Carbon Filling) set (c) Feed Pump 0.50 HP – 1 No. (d) Vertical Pump 2-9, 2.00 HP / Single Phase – 1 No. (e) Membrane 40 x 40 filmtech (or) equilaents / Osmonic (USA) - 1 No. and Membrane Pressure Vessel 40 x 40 -1 No. & Pressure Gauge - 2 Nos. (f) Flow Meter - 1 No. 20" Filter with Housing - 1 No., Low Pressure Switch - 1 No., Level Switch - 1 No. & Necessary CPVC Pipes and Fittings. The system shall be provide with Two Panel Control System with necessary Stainless Valves and Fittings and Float Control etc. The rate should be inclusive of all civil works, wherever necessary to install the System in position and intact.		
M-0720	50 Litres	Set	40320.00
M-0721	250 Litres	Set	108000.00
M-0722	500 Litres	Set	226200.00
M-0723	1000 Litres	Set	376700.00
M-0724	2000 Litres	Set	519000.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>Medical Gas Arrangements</b>		
	Medical Gas Copper Pipeline arrangement to hang on the wall of socket type connection installation of seamless cleaned and degreased non arsenical phosphorous gas copper pipe line with saddles complete with brazing work including all copper fitting (tee, elbow, reducer, coupling). The copper pipelines should be tested suitable for a steam of working pressure of 17.34 kg. / cm <sup>2</sup> (17 bar) and confirm to BS 864 Standard with specially made for brazed socket type connection. The medical gas copper pipeline should be tested as per standard and commissioning after painting as per International Code No. IS 2379/1963 Table-V. The pipelines installed at the various wings and floors etc., complete as directed by the Departmental Officers as per IS Code 12827 / 1989 & ISO 7396 / 1987 Specification.		
M-0725	10mm OD 0.90mm thick copper pipe	RM	374.80
M-0726	15mm OD 0.90mm Thick Copper Pipe	RM	544.90
M-0727	22mm OD 0.90mm Thick Copper Pipe	RM	911.40
M-0728	28mm OD 0.90mm Thick Copper Pipe	RM	1125.00
M-0729	42mm OD 1.20mm Thick Copper Pipe	RM	2439.00
M-0730	54mm OD 1.20mm Thick Copper Pipe	RM	3048.00
M-0731	Gas Outlet Points: (Self sealing type - Single / DIN outlet pipe) with 'S' type bracket made up of copper and the out let of non-interchangeable for other gas. The outlet points are brazed with brass bracket with self sealing valve (Stainless Steel) with all accessories and complete set and are covered by plastic cover duly colour coated as per specific gas and button cover etc., complete as directed by the Departmental Officers and as per IS Code 12827 / 1989 & ISO 7396 / 1987 Specification.	Each	1394.00
M-0732	DIN / BS Standard Outlet Points with from loading, inner connecting and brass body. Single press inlet with two stage process first stage for patient usage and second stage in parking mode, covered by plastic cover duly colour indicated with specific gas name and non inter-changeable for other gases. The cost of materials including transport, etc., complete, as per standard specification and as directed by the Departmental Officers	Each	4620.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0733	<p>Oxygen manifold arrangements of 2 banks x 12 cylinder each wing with semi automatic control panel which includes contact gauge 2 Nos., outlet pressure gauge, brass heavy duty IO x regulator 2 Nos. with suitable adopter, flexible SS Hose. Mainfold shall be of a construction and of a designs and material suitable for the service pressure in accordance with IS 1282-1989. Emergency alarms with illuminating display for low / high pipeline pressure and malfunctioning of system.</p> <p>1) Mainfold top frame with provision for connecting 12 cylinders on right bank and 12 cylinders on left bank with high pressure interconnecting copper tubing, silver brazing, non return valve, fasteners and cylinder support middle angle frame for claping 2 x 12 cylinders and related fasteners. The O2 manifold should with stand a pressure of 140 kg. / CM2. The installation is commissioned after testing as per standards and painted as per International Code and as directed by the Departmental Officers as per IS Code 12827 / 1989 &amp; ISO 7396 / 1987 Specification.</p>	Each	198450.00
M-0734	<p>Oxygen manifold arrangements of 2 banks x 20 cylinder each wing with semi automatic control panel which includes contact gauge 2 Nos., outlet pressure gauge, brass heavy duty IO x regulator 2 Nos. with suitable adopter, flexible SS Hose. Mainfold shall be of a construction and of a designs and material suitable for the service pressure in accordance with IS 1282-1989. Emergency alarms with illuminating display for low / high pipeline pressure and malfunctioning of system.</p> <p>1) Mainfold top frame with provision for connecting 12 cylinders on right bank and 12 cylinders on left bank with high pressure interconnecting copper tubing, silver brazing, non return valve, fasteners and cylinder support middle angle frame for claping 2 x 12 cylinders and related fasteners. The O2 manifold should with stand a pressure of 140 kg. / CM2. The installation is commissioned after testing as per standards and painted as per International Code and as directed by the Departmental Officers as per IS Code 12827 / 1989 &amp; ISO 7396 / 1987 Specification.</p>	Each	382200.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0735	<p>Nitrous Oxide Manifold Arrangements of 2 banks x 3 cylinder each wing, with automatic control panel which includes contact gauge 2 Nos., outlet pressure gauge, brass heavy duty IOX regulator 2 Nos. with suitable adopter, flexible SS hose. Mainfold shall be of a construction and of a designs and material suitable for the service pressure in accordance with IS 1282-1989. Emergency alarams with illuminating display for low / high pipeline pressure and malfunctioning of system.</p> <p>1) 2 x 3 cylinder Nitrus Oxide Manifold should be suitable with stand a pressure of 140 Kg. / Cm2 and above along with high pressure copper annealed tail pipes with end brass adapter suitable for Nitrous Oxide Cylinders and manifold.</p> <p>2) Top frame comprising of high pressure copper pipes of size 12mm ID 1.5mm wall thick with high pressure brass fittings made of high tensile brass and connections through non-return valves, high pressure copper tail pipes made of high pressure copper pipe size of 7mm ID x 1.5mm thick.</p> <p>3) The design of middle and bottom frames should be provided to fit both round and flat bottom cylinders safely with fitted heavy duty regulator. The Manifold should be tested at 3500 pig as per IS 12827 / 1989 &amp; ISO 7396 / 1987 Specification.</p>	Each	112650.00
	<p>Brass Isolation Valve suitable for the copper pipe and should be of non lubricated 90 degree turn lever ball valve of reputed make, conneced in line with medical gas pipe line system by using suitable size brass valve adopter union, ferrule, nipple, rubber "O' ring, tapion lap and etc. All pipe line regulators shall be capable of controlling pipe line pressure and must compatible with the requirements specified in IS 12827-1989. All valves should be pneumatically tested for twice the working pressure for the gas line as per IS Code 12827 / 1989 &amp; ISO 7396 / 1987 Sepecification.</p>		
M-0736	15mm Isolation Valve	Each	1446.00
M-0737	22mm Isolation Valve	Each	2199.00
M-0738	28mm Isolation Valve	Each	2521.00
M-0739	42mm Isolation Valve	Each	4633.00
M-0740	<p>Theatre Vaccum Unit: The unit should comprise of two reusable 2000 ml shatter resistant bottle. Each made up of ply carbonate material and fully autoclavable at 134 degreee centigrade, should have a vacuum regulator with instant ON / OFF switch and tree way left, right or both. All the above items should be mounted on a trolley having free moving castor wheels. (As per IS 12827 / 19898 &amp; ISO 7396 / 1987)</p>	Each	12800.00

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0741	Flow Meter made up of Brass with Humidifier Bottle Flow Meter should be back pressure compressed and should be accurate gas flow measurement with control range 0-13 litres per minute. It should meet strict permission and dumbling standard. The meter body should be made of brass materials. The humidifier bottle should be made of unbreakable polycarbonate material and auto cleavable at 134 degree centigrade. The rate includes flow meter and its accessories (silicon tube with mask). The cost of materials including transport, etc., complete as per standard specification and as directed by the Departmental Officer and as per IS 12827 / 1989 and ISO 7396 / 1987 Specification.	Each	1629.00
M-0742	Ward Vaccum Unit with Gauge both mounted on a collection jar of capacity 600 ml and with a wall bracket for mounting it on the wall. The collection jar should be made of unbreakable polycarbonate materials which is fully auto cleavable at 134 degree centigrade as per standard specification and as directed by the Departmental Officers and as per IS 12827 / 1989 and ISO 7396 / 1987 Specification. The rate includes cost of silicon hose with SS nipple on either side.	Each	1950.00
M-0743	Supply, installation, testing and commissioning of equivalent to Ingersoll Rand Reciprocating Air Cooled Type (10 HP) Rating Vaccum Pump as per following provisions. As per IS 12827 / 1987 & ISO 7396 / 1987 Specification a) Vaccum Pump - 10 HP - 1 No. b) Electric Motor - 10 HP - 1 No. c) DOL Starter with OLR - 1 No. d) Vaccum Switch - 1 No. e) Vaccum Gauge - 1 No. f) Control Frame with Fittings - 1 No. g) Suction Scrubber - 1 No. h) V-Belts - 1 No. i) GI & MS Fittings - 1 No. j) Brass Fittings - 1 No. k) Exhaust Silencer - 1 No. l) Base Frame for Motor and Vaccum Pump - 1 set m) Pilot Line with Fittings - 1 set, Vaccum Room & Air Compressor Room Inside	Each	481600.00
M-0744	Supply, installation, testing and commissioning of equivalent to Ingersoll Rand Reciprocating Air Cooled Type (15 HP) Rating Vaccum Pump as per following provisions. As per IS 12827 / 1987 & ISO 7396 / 1987 Specification a) Vaccum Pump - 15 HP - 1 No. b) Electric Motor - 15 HP - 1 No. c) DOL Starter with OLR - 1 No. d) Vaccum Switch - 1 No. e) Vaccum Gauge - 1 No. f) Control Frame with Fittings - 1 No. g) Suction Scrubber - 1 No. h) V-Belts - 1 No. i) GI & MS Fittings - 1 No. j) Brass Fittings - 1 No. k) Exhaust Silencer - 1 No. l) Base Frame for Motor and Vaccum Pump - 1 set m) Pilot Line with Fittings - 1 set, Vaccum Room & Air Compressor Room Inside	Each	638400.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0745	<p>Supply, installation, testing and commissioning of Compressed Air System of Reciprocating Oil Free Air Compressor Belt Driven Type 10 HP Air Compressor with following provisions.</p> <p>As per IS 12827 / 1987 &amp; ISO 7396 / 1987 Specification</p> <p>Compressor package consists of following:</p> <p>a) 10 HP Air Compressor - 1 No.  b) Electric Motor 10 HP - 1 No.  c) Dol Starter - L&amp;T - 10 HP - 1 No.  d) Base Frame Kit (for Motor and Compressor) - 1 set  e) Pressure Swith - 1 No.  f) Pressure Gauge - 1 No.  g) NRV and Pilot Fittings - 1 No.  h) Delivery Tube - 1 No  i) Foundation Bolts &amp; Anchor Fasteners - 1 Lot  j) Belt Guard - 1 No.  k) Refrigerator Type Air Dryer-40 cfm. capacity-1 No.  l) Drain Ball Valve - 1 No.  m) Air Outlet Ball Valve - 1 No.</p> <p>Vacuum Room &amp; Air Compressor Room Inside Accessories:  Non-Return Valves, Air Pressure Switch, Pressure Gauge, Isolation Valves, Air Filters etc.,  Inter connecting piping: Mild Steel Pipe of 2" with fittings.</p>	Each	505900.00
M-0746	<p>Supply, installation, testing and commissioning of Compressed Air System of Reciprocating Oil Free Air Compressor Belt Driven Type 15 HP Air Compressor with following provisions.</p> <p>As per IS 12827 / 1987 &amp; ISO 7396 / 1987 Specification</p> <p>Compressor package consists of following:</p> <p>a) 15 HP Air Compressor - 1 No.  b) Electric Motor 10 HP - 1 No.  c) Dol Starter - L&amp;T - 10 HP - 1 No.  d) Base Frame Kit (for Motor and Compressor) - 1 set  e) Pressure Swith - 1 No.  f) Pressure Gauge - 1 No.  g) NRV and Pilot Fittings - 1 No.  h) Delivery Tube - 1 No  i) Foundation Bolts &amp; Anchor Fasteners - 1 Lot  j) Belt Guard - 1 No.  k) Refrigerator Type Air Dryer-60 cfm. capacity-1 No.  l) Drain Ball Valve - 1 No.  m) Air Outlet Ball Valve - 1 No.</p> <p>Vacuum Room &amp; Air Compressor Room Inside Accessories:  Non-Return Valves, Air Pressure Switch, Pressure Gauge, Isolation Valves, Air Filters etc.,  Inter connecting piping: Mild Steel Pipe of 2" with fittings.</p>	Each	824200.00

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0747	Supply, installation, testing and commissioning of MS Fabricated Vertical Mounted Type 1000 liters capacity Vaccum Receiver with inlet and outlet and drain holes provided suitable to operate with vaccum pump, etc., as directed by the Departmental Officers.	Each	104620.00
M-0748	Supply, installation, testing and commissioning of MS Fabricated Vertical Mounted Type 1000 liters capacity Compressed Air Receiver with inlet and outlet and drain holes provided suitable to operate with vaccum pump etc as directed by the Departmental Officers.	Each	104620.00
M-0749	Single Arm Pendent Mounted on Celing Height as directed by the Departmental Officers. All items are MS powder coated. The cost includes cost of all materials, labour charges, dismantling and re-doing masonry to original condition, painting of masonry works taxes including transports, risk allowance, scaffolding etc., complete and as per IS Code 12827 / 1989 & ISO 7396 / 1987 Specification.	Each	173140.00
M-0750	Bed Head Panel of size 1m length, height 0-0.30 cm and depth of 4". The aluminium powder coated with requirement colour for provision points of O2-2 Nos., Air 1 No., Vaccum 1 No. with double electrical socket with switch 2 Nos. with 2 set with 1V - bottle holder fixing to the wall hanging including monitor stand etc., complete.	Each	19509.00
M-0751	Supplying, fabricating and fixing slotted carriers with the following specifications. The carriers should be made of GI sheet of 16G with slots. The size of carrier is 300 x 40mm and are to be spaced at 50 cm centre to centre. The carriers are to be fixed on suspenders with the help of lock nuts. These suspenders are made of galvanised MS rods size of 6mm dia. The suspenders should be threaded to its full length so that the carrier shall be fixed at any height depending on the onsite requirement. The suspenders are to be fixed on the soffit of ceiling with self fixing anchore bolts. All components of suspenders and slotted carriers should be galvanised. The rate includes cost of all materials, labour charges for drilling and fixing the whole assembly at required places, complete and as directed by the Departmental Officers.	Each	176.30
M-0752	Supplying and fixing of Cylinder 46 Litre "D" Type Empty Seamless Medical Nitrous Cylinder with Valve and as per IS Code 12827 / 1989 & ISO 7396 / 1987 Specifiaton etc., complete and complying with standard specification.	Each	17218.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0753	Supplying and fixing of Cylinder 46 Litre "D" Type Empty Seamless Medical Oxygen Cylinder with Valve and as per IS Code 12827 / 1989 & ISO 7396 / 1987 Specification etc. complete and complying with standard specification.	Each	17218.00
M-0754	Supplying, fabricating and fixing Oxygen Boyles Kit for Operation Theatre with following specification: The Boyles Kit Hose is made of silicon and of white colour as per standard suitable adaptor fixed on higher end of hose to connect outlet unit and Boyles Machine. The adaptor must be made of SS of superior quality. The rate includes cost of all materials and labour charges for fixing in proper position etc. complete and complying with standard specification.	Each	1950.00
M-0755	Supplying, fabricating and fixing Nitrous Oxide Boyles Kit for Operation Theatre with following specification: The Boyles Kit Hose is made of silicon and of white colour as per standard suitable adaptor fixed on higher end of hose to connect outlet unit and Boyles Machine. The adaptor must be made of SS of superior quality. The rate includes cost of all materials and labour charges for fixing in proper position etc. complete and complying with standard specification.	Each	1950.00
	<b>FIRE FIGHTING ARRANGEMENTS</b>		
	Wrapping and Coating Anti-Corrosive Treatment for under ground MS pipe having one coat of anti-corrosive metal primer, one layer of asphalt tar tape wound over the MS pipe as per standard methods as per standard specification as directed by the Departmental Officers.		
M-0756	100mm dia	RM	407.00
M-0757	80mm dia	RM	290.80
M-0758	Supply, erection, testing and commissioning of 80mm dia Heavy Duty Foot Valve including necessary MS flange of table 'E', gaskets, bolts & nuts, etc., installed at end of 80mm dia suction pipeline at sump as per the standard method and as directed by the Departmental Officers.	Each	15165.00
M-0759	Supply, erection, testing and commissioning of cast iron body and gun metal or stainless steel Internal Non-Return Valve of size of 80mm dia to control one way flow of water to be installed pump room at delivery line and near overhead tank at terrace level near to jockey pump and motor including necessary MS flange of table 'E', gaskets, bolts & nuts, etc. as per IS 5312 including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary, etc., complete as per standard specification and as directed by the Departmental Officers.	Each	12248.00

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
	Supply and laying of following sizes of Armoured Aluminium Cables for electrical motor, control panel, pressure switch, jockey motor etc.. The rate inclusive of all incidental charges, neccessary scaffolding and re-doing the dismantled portions to its original condition wherever found neccessary, etc., complete as per standard specification and as directed by the Departmental Officers. Make: POLYCAB / PARACON / FINOLEX / EQUIVALENT.		
M-0760	3 core 95 sq.mm. armoured aluminium cable	RM	582.70
M-0761	4 core 16 sq.mm. armoured aluminium cable	RM	250.60
M-0762	4 core 10 sq.mm. armoured aluminium cable	RM	204.00
M-0763	2 core 1.5 sq.mm armoured multi strand aluminium cable	RM	157.40
M-0764	3 core 10 sq.mm. armoured aluminium cable	RM	204.00
M-0765	10 core 2.5 sq.mm. armoured aluminium cable	RM	460.60
M-0766	2 core 2.5 sq.mm. armoured aluminium cable	RM	180.70
M-0767	Supply, installation, testing and commissioning of Micro Processor based Conventional 12 Zone Fire Alarm Control Panel having the rating of 24 volt DC power supply, consisting 230 / 24 volt SMPS unit, 2 Nos. of 12 volt, 7 AH standby batteries, suitably mounted on wall using fixing accessories like screws, plug, clamps and etc., as per standard methods and as directed by the Departmental Officers.	Each	89740.00
M-0768	Supply, installation, testing and commissioning of Micro Processor based conventional 8 Zone Fire Alarm Control Panel having the rating of 24 volt DC power supply, consisting 230 / 24 volt SMPS unit, 2 Nos. of 12 volt 7 AH standby batteries, suitably mounted on wall using fixing accessories like screws, plug, clamps and etc., as per standard methods and as directed by the Departmental Officers.	Each	76650.00
M-0769	Supply, installation, testing and commissioning of Micro Processor based conventional 4 Zone Fire Alarm Control Panel having the rating of 24 volt DC power supply, consisting 230 / 24 volt SMPS unit, 2 Nos. of 12 volt 7 AH standby batteries, suitably mounted on wall using fixing accessories like screws, plug, clamps and etc., as per standard methods and as directed by the Departmental Officers.	Each	52430.00
M-0770	Supply, installation, testing and commissioning of Conventional Smoke Detector suitably mounted on ceiling with MS junction box / false ceiling using fixing accessories like screws, plug, clamps, etc., as per standard methods and as directed by the Departmental Officers. (Make: Apollo / Equivalent)	Each	2448.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0771	Supply, installation, testing and commissioning of Manual Call Point (MCP) providing on wall using fixing accessories like screws, plug, clamps and etc., as per standard methods and as directed by the Departmental Officers. (Make: Ravel / Equivalent)	Each	1864.00
M-0772	Supply, installation, testing and commissioning of Electronic Hooter / Sounder providing on wall using fixing accessories like screws, plug, clamps and etc., as per standard methods and as directed by the Departmental Officers (Make: Ravel / Equivalent)	Each	1807.00
M-0773	Supply and laying of FRLS PVC insulated 2 core 1.5 sq.mm. Armoured Copper Cable on ceiling / wall using fixing accessories like screws, plug, clamps, etc., as per standard methods and as directed by the Departmental Officers.	RM	116.50
M-0774	Supply and fixing of Water CO <sub>2</sub> Stored Pressure Type 9 litres capacity Fire Extinguisher as per new IS 15683 complete with control valve, gun metal cap, pressure gauge, operation sticker, discharge hose, wall mounting bracket, safety clip, etc., as directed by the Departmental Officers.	Each	6999.00
M-0775	Supply and erection of Double Leaves Fire Rated Door with Frame having the dimension of 1800mm x 1400mm with following specification: a. Door Frame 1.6mm: Galvanized 120 GSM branded make JSW b. Door Leaf 1mm: Galvanized 120 GSM branded make JSW c. Shutter Thickness: 46mm d. Honeycomb: In-fill e. Glue Macroplast UR-7221 f. Door Hinges: 4" x 3" x 3mm, Double Ball: Make Assa Abloy Yale Ball bearing Butt Hinges Grade SS 304 - Finish SS g. Door Closer with Standard Arm Finish: Silver h. Lock Set: Dead Lock with both side key i. Door Orientation: To be confirmed by client j. Mounting of door: Brick wall mounted k. Powder Coating: Powder coated in standard RAL paint colour of PO Red (60 to 90) Microns l. Single Point Panic Bar (2 Horizontal): Make Assa Abloy Yale or Equivalent m. Dead Lock with both side key: Make Assa Abloy Yale or Equivalent n. Vision Panel 200 x 300mm 2 Hrs. Fire Glass Schott Pyran with Frame o. Rated Glass Schott Pyran with Frame p. Anchor Bolt with Endcaps The above assembly mounted on concrete or brick wall including the cost of cutting, chipping, concrete packing, pastering, scaffolding all other conveyance as per standard methods and as directed by the Departmental Officers.	Each	84170.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0776	Supply, erection, testing and commissioning of fire fighting application Monoblock Motor Pumpset of 1100 LPM at 45 metres head to develop 3.5 kg / sq.cm at the highest and farthest hydrant point to make 30m water jet at the time of fire fighting emergency circumstances, coupled with 15 KW / 20 HP rated three phase 414 volts, 50 Hz, 2880 rpm electrical motor the pump with cast iron body, bronze impeller, rope gland packaging, suction size of 100 mm dia, delivery size of 80 mm dia, including the cost of foundation concrete, anti-vibration mounting, rain safety hood and etc., complete as directed by the Departmental Officers (Make: Kirloskar KDS 2050+ or Equivalent)	Each	255200.00
M-0777	Supply, erection, testing and commissioning of fire fighting application monoblock motor pumpset of 450 LPM at 20 metres head to develop 2.0 kg/sq.cm at the heightest and farthest hydrant point to make 10m water jet at the time of fire fighting emergency circumstances, coupled with 3.75KW / 5HP rated three phase 415 volts, 50 Hz, 2880 rpm electrical motor, the pump with cast iron body, bronze impeller, rope gland packaging, suction size of 80 mm dia. delivery size of 65 mm dia, including the cost of foundation concrete anti vibration mounting, rain safety hood and etc. complete as directed by the Departmental Officers (Kirloskar make KDS 538 or Equivalent))	Each	65820.00
M-0778	Supply, erection, testing and commissioning of fire fighting application monoblock motor pumpset of 900 LPM at 40 metres head to develop 3.5 kg/sq.cm at the heightest and farthest hydrant point to make 30 m water jet at the time of fire fighting emergency circumstances, coupled with 11 KW / 15 HP rated three phase 414 volts, 50 Hz, 2880 rpm electrical motor the pump with cast iron body, bronze impeller, rope gland packaging, suction size of 80 mm dia. delivery size of 65 mm dia., including the cost of foundation concrete anti vibration mounting, rain safety hood and etc. complete as directed by the Departmental Officers (Kirloskar make KDS 1555+ or Equivalent)	Each	154700.00
M-0779	Supply, erection, testing and commissioning of Fire Fighting Electrical Control Panel of 15 HP, 415 V, 50 Hz Rating Wall Mounted Type fabricated using CRCA sheet, hinged lockable door, dust and vermin proof with following provisions: a. 63 Amps, 4 Pole MCB - Incomer, 6 Amps, 2 Pole MCB for Control Circuit - 1 set b. R, Y, B Phase Indication Lamp, Volt Meter (0 - 500 V), Ammeter (0 - 50 A), Volt Meter Selector Switch- 1 set c. 32 Amps Power Contactor with 230 V Coil, 14 - 23 Amps Over Load Relay - 1 set d. Single Phase Preventer - 1 No. e. Indication Lamp for Motor ON / OFF / TRIP - 1 set f. AUTO / MANUAL Selector Switch, ON / OFF Push Button - 1 set g. Add On Block, Terminal Block, Power Wiring, Control Wiring, Connectors, Cable Lugs, Slotted Cable Cover The above panel mounted on wall using anchor fasteners bolts, plugs, incoming and outgoing cable connection and all works carried out as per standard methods and as directed by the Departmental Officers.	Each	91560.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0780	Supply, erection, testing and commissioning of Fire Fighting Application Horizontal Centrifugal Type Pump Rated for 2280 LPM at 70 metres head with Electrical Motor of 60 HP of 415 volt 3 phase connection complete with base plate and accessories. (Make: Kirloskar or Equivalent). The rate inclusive of necessary vibration, bad mounting etc., as per standard method as directed by the Departmental Officers.	Each	472390.00
M-0781	<p>Supply, installation, testing and commissioning of Diesel Engine Driven Main Fire Pump suitable for automatic operation and consisting of following and complete in all respects as required.</p> <p>a. End suction, top discharge centrifugal pump of cast iron body &amp; bronze impeller with stainless steel shaft, mechanical seal to ensure a minimum pressure of 3.5 kg. / sq. cm at highest and farthest outlet at specified flow of 2280 LPM at 70m head conforming to IS 1520.</p> <p>b. 68 BHP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS &amp; IS standard complete. Auto starting mechanism, 12 volts / 24 volts electric starting equipment like self motor, dyanamo, solenoid switches etc.</p> <p>c. 110 litres capacity diesel tank mounted over stand fabricated using 25mm x 25mm x 6mm size MS angle, providing with level indicator, inlet port, outlet port, drain port and diesel return line port and fuel pre-filter, after filter etc. (Make: Kirloskar / Equivalent).</p> <p>d. Exhaust system having flexible metallic mufler, 100mm dia MS heavy pipe extended upto 1m, outside pump house duly insulated with 50mm thick glass wool with 1mm thick aluminium sheet cladding, residential silencer with necessary MS support arrangements from wall or ceiling as per site condition.</p> <p>e. Dash board consisting the instruments like temperature gauge, galvano type DC Ammeter, lubricant oil pressure gauge, ignition switch, emergency stop and all other protection equipment as per specification, stop seleneid for auto stop in the event of fault with audio indications, painted with post office red colour etc., as required.</p> <p>f. 12 V / 24 V storage battery, maintenance free tape, 180 AH rating, MS fabricated common base plate, coupling guard, foundation bolts etc., as required.</p> <p>g. Positioning the diesel engine driven fire pump over cement concrete foundation using suitable size anti-vibration mounting arrangement.</p> <p>All works carried out as per standard methods and as instructed by the manufacturer and as directed by the Departmental Officers. (Make: Kirloskar / Equivalent)</p>	Each	1264700.00
M-0782	Supply, erection, testing and commissioning Mono Block type Fire Fighting Pressurisation Pump of 180 LPM 110 metres head at 10 HP with suitable base frame including necessary vibration bad mounting etc., including conveying, fixing and incidental charges., etc., complete as per standard specification and as directed by the Departmental Officers. (Make: Kirloskar / Equivalent)	Each	230800.00

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0783	Supply, erection, testing and commissioning of Fire Fighting 2 Way Fire Brigade Inlet with necessary gun metal 63mm dia non-return spring shutter arrangements so that to control one way flow at the time of emergency water supply by fire and rescue service fire engine entry including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary., etc., complete as per standard specification and as directed by the Departmental Officers. (Make: KIARTAR / OMEX / EQUIVALENT)	Each	13975.00
M-0784	Supplying, erection, testing and commissioning of Diesel Engine Pump Main Control Panel & Jockey Pump including necessary auto cut-in, cut-off and manual operations, battery charger switch arrangements, voltmeter, ammeter and running indication siren provision, wall mounting type, etc., as per the standard method and as directed by the Departmental Officers.	Each	133980.00
M-0785	Supply and laying of 4 core 10 sq.mm. armoured copper cable for power wiring to the Terrace Pump Motor with runs of 14 SWG TC wire for earthing, providing in wall with suitable size GI clamps, screws, wooden plug, end termination by using suitable size cable glands, copper sockets and etc., as directed by the Departmental Officers.	RM	646.80
M-0786	Supply and laying of 2 core 1.5 sq.mm. armoured copper cable for control wiring to the Terrace Pump Motor with runs of 14 SWG TC wire for earthing, providing in wall with suitable size GI clamps, screws, wooden plug, end termination by using suitable size cable glands, copper sockets and etc., as directed by the Departmental Officers.	RM	157.00
M-0787	Supply, erection, testing and commissioning of Fire Fighting Application direct on line main control panel to control electrical Terrace Pump Motor of 3.75 KW / 5 HP rated 415 volts / 50 Hz 3 phase, 2880 RPM including necessary auto / manual operations, over load relay, selector switches arrangements, voltmeter and ammeter provision, etc., as directed by the Departmental Officers.	Each	60060.00
	Servicing the following sizes cast iron body Sluice Valves by disconnecting from hydrant line, dismantling, inspecting the internal shutter, replacing valve seating, checking operating lever, lubricating for moving parts, reconnecting with hydrant system as per standard methods and as directed by the Departmental Officers.		
M-0788	80mm dia	Each	1632.00
M-0789	65mm dia	Each	1399.00

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0790	Supply and fixing of Fire fighting application oblique type stainless steel Hydrant Valve of size 63mm dia with oblique type instantaneous coupling with rotating wheel to open and close the valve including MS flange of table "E", bolts & nuts with washer as per IS 5290 at ring main around the building and wet riser inside the building including conveyance, all incidental charges, neccessary scaffolding and re-doing the dismantled portions to its original condition wherever found neccessary etc complete as per standard specification and as directed by the Departmental Officers. Make: OMEX / KARTAR / LIFE GUARD / SAFE GUARD / EQUIVALENT.	Each	11596.00
M-0791	Supply, installation of Fire Fighting Application 180 degree swinging type, hose reel drum with 20mm dia braided thermoplastic hose of 30 metres long, so as to extend to necessary distance by self rolling spindle wheel including necessary 20mm dia ball valve and open and close spray nozzle, warm clip, etc., as per the standard pattern of any reputed make at every floor nearer to hydrant valve, including conveyance, all incidental charges, neccessary scaffolding and re-doing the dismantled portions to its original condition wherever found neccessary., etc., complete as per standard specification and as directed by the Departmental Officers. Make: OMEX / KARTAR / LIFE GUARD / SAFE GUARD / EQUIVALENT.	Each	15650.00
M-0792	Supply, and fixing in position of Fire Fighting Application Hose of 63mm dia of 15 metres length binded by copper wire with 63mm dia stainless steel male and female instantaneous fire fighting special coupling as per IS 901 as directed by the Departmental Officers. Near every hydrant points including conveyance, all incidental charges, neccessary scaffolding and re-doing the dismantled portions to its original condition wherever found neccessary etc complete as per standard specification and as directed by the Departmental Officers. Make: OMEX / KARTAR/ LIFE GUARD / SAFE GUARD / EQUIVALENT.	Each	10345.00
M-0793	Supply, and fixing in position of Fire Fighting Application 63mm dia stainless steel short length Branch Pipe with hexagonal type spray nozzle of 15mm (or) 20mm jet bore. Near every hydrant points including conveyance, all incidental charges, neccessary scaffolding and re-doing the dismantled portions to its original condition wherever found neccessary, etc., complete as per standard specification and as directed by the Departmental Officers. Make: OMEX / KARTAR / LIFE GUARD / SAFE GUARD / EQUIVALENT.	Each	3825.00

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0794	Supply of Fire Fighting Application MS Hose Box to keep two number of hoses and 1 No. of branch pipe with nozzle having proper glass window type double door with universe open key, painted inside white and outside Post Office Red. Near every hydrant point including conveyance, all incidental charges, neccessary scaffolding and re-doing the dismantled portions to its original condition wherever found neccessary, etc., complete as per standard specification and as directed by the Departmental Officers. Make: OMEX / KARTAR / LIFE GUARD / SAFE GUARD / EQUIVALENT.	Each	8922.00
M-0795	Supply and fixing nominal bore quartized bulb type sprinkler bulb 68 Deg C fast response pendent type including GI collar for each sprinkler bulb, mounted in MS pipe line using suitable size MS threaded coupling, thread, shellac etc., as per standard methods and including conveyance, all incidental charges, neccessary scaffolding and re-doing the dismantled portions to its original condition wherever found neccessary, etc., complete as per standard specification and as directed by the Departmental Officers. Make: OMEX / KARTAR / LIFE GUARD / SAFE GUARD / EQUIVALENT.	Each	523.90
	Supply, erection, testing and commissioning of following MS 'C' Class Heavy Duty Pipe as per IS 1239 to withstand a developing pressure of 10 kg. / sq.cm including necessary fittings like MS flange of table 'E', elbows, reducers, gaskets, bolt, nuts with washers & joints as per standard method of arc welding, including one coat metal primer and two coat Post Office Red painting including conveyance, all incidental charges, neccessary scaffolding and re-doing the dismantled portions to its original condition wherever found neccessary, etc., complete as per standard specification and as directed by the Departmental Officers. Make: JINDAL / EQUIVALENT.		
M-0796	250mm dia	RM	6415.00
M-0797	200mm dia	RM	4782.00
M-0798	150mm dia	RM	3439.00
M-0799	100mm dia	RM	2390.00
M-0800	80mm dia	RM	1865.00
M-0801	65mm dia	RM	1573.00
M-0802	50mm dia	RM	932.00
M-0803	40mm dia	RM	699.00
M-0804	25mm dia	RM	582.70

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
	Wrapping and coating anti-corrosive treatment for the following under ground MS pipe having one coat of anti-corrosive metal primer, one layer of asphalt tar tape wound over the MS Pipe as per standard methods as per standard specifications and as directed by the Departmental Officers.		
M-0805	200mm dia	RM	523.90
M-0806	150mm dia	RM	466.20
	Supply, erection, testing and commissioning of following sizes of Heavy Duty Foot Valve including all accessories, such as, MS flange of table 'E', gaskets, bolts & nuts, etc., installed at end of 150 / 200mm dia suction pipe line at sump including conveyance, all incidental charges, neccessary scaffolding and re-doing the dismantled portions to its original condition wherever found neccessary, etc., complete and as per standard specification and as directed by the Departmental Officers. Make: NORMEX / KARTAR / EQUIVALENT		
M-0807	200mm dia	Each	36150.00
M-0808	150mm dia	Each	27990.00
M-0809	100mm dia	Each	17495.00
	Supply, erection, testing and commissioning of cast iron body and bronze internal non-rising spindle sluice valve of sizes at required places to control the flow of water including necessary MS flange of table 'E', gaskets, bolts & nuts including conveyance, all incidental charges, neccessary scaffolding and re-doing the dismantled portions to its original condition wherever found neccessary, etc., complete as per standard specification and as directed by the Departmental Officers. Make: NORMEX / KARTAR / EQUIVALENT		
M-0810	250mm dia	Each	67659.00
M-0811	200mm dia	Each	43739.00
M-0812	150mm dia	Each	25779.00
M-0813	100mm dia	Each	17371.00
M-0814	80mm dia	Each	12820.00
M-0815	65mm dia	Each	9682.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	Supply, erection, testing and commissioning of Cast iron body and Gun metal or stainless steel internal Non-return valve of following sizes to control one way flow of water to be installed pump room at delivery line and near overhead tank at terrace level near to jockey pump and motor including necessary MS flange of table 'E', gaskets, bolts & nuts, etc. as per IS 5312 including conveyance, all incidental charges, neccessary scaffolding and re-doing the dismantled portions to its original condition wherever found neccessary, etc., complete as per standard specification and as directed by the Departmental Officers.		
M-0816	200mm dia	Each	53775.00
M-0817	150 mm dia	Each	31496.00
M-0818	100mm dia	Each	13063.00
M-0819	Supply, erection, testing and commissioning of Gun Metal Gate Valve of size 50mm dia size including necessary MS flange of table 'E', gaskets, bolts & nuts etc., installed at pump house delivery line for the purpose of priming water to suction line including conveyance, all incidental charges, neccessary scaffolding and re-doing the dismantled portions to its original condition wherever found neccessary, etc., complete as per standard specification and as directed by the Departmental Officers. Make: LEADER / EQUIVALENT.	Each	5890.00
M-0820	Supply, erection, testing and commissioning of Gun Metal Non-Return Valve of size 50mm dia including necessary MS flange of table 'E', gaskets, bolts & nuts, etc., installed at pump house delivery line for the purpose of priming to suction line so that to control one way including conveying, fixing and incidental charges etc., complete as per standard specification and as directed by the Departmental Officers. Make: LEADER / EQUIVALENT.	Each	5715.00
M-0821	Supply and providing 1000 litres capacity Priming Tank made up of PVC. Make: SINTEX / EQUIVALENT	Each	10498.00
M-0822	Priming Tank mounted with the supporting arrangement fabricated using MS angle for the height of 3 metres from the floor level, inlet, outlet, and drain arrangements inside the fire fighting pump room, as directed by the Departmental Officers.	Each	15747.00
	Supply and laying of following sizes of Armoured Aluminium / Copper Cables for electrical motor, control panel, pressure switch, jockey motor etc., all incidental charges, neccessary scaffolding and re-doing the dismantled portions to its original condition wherever found neccessary, etc., complete as per standard specification and as directed by the Departmental Officers. Make: POLYCAB / PARACON / FINOLEX / EQUIVALENT.		
M-0823	3 core 185 sq.mm. armoured aluminium cable	RM	1749.00
M-0824	3 core 10 sq.mm. armoured copper cable	RM	780.00

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0825	10 core 2.5 sq.mm. armoured copper cable	RM	699.00
M-0826	2 core 2.5 sq.mm. armoured copper cable	RM	233.00
M-0827	Earthing arrangements with GI Earth Plate including charcoal and salt with necessary excavation in all soils and to full depth as may be required and masonry work, re-filling the sides of foundation with excavated earth as per the standard specification and as directed by the Departmental Officers.	Each	6999.00
M-0828	Supply, erection, testing and commissioning of Pressure Gauge with 0 to 14 kg. range of reputed make with necessary valve, milling thread MS coupling fixed at delivery pipe line in pump house to read the developing pressure including conveyance, all incidental charges, neccessary scaffolding and re-doing the dismantled portions to its original condition wherever found neccessary, etc., complete as per standard specification and as directed by the Departmental Officers. Make: H-GURU / ISI MAKE / EQUIVALENT.	Each	3616.00
M-0829	Supply, erection, testing and commissioning of suitable Pressure Switch of reputed make line Indfoss or Donfoss including necessary valves, couplings, etc., connected with electrical main control panel and setup at proper differential so as to auto start and auto stop the electrical motor, jockey motor including conveyance, all incidental charges, neccessary scaffolding and re-doing the dismantled portions to its original condition wherever found neccessary, etc., completed as per standard specification and as directed by the Departmental Officers. Make: DONFOSS / INDFOSS / ISI MAKE / EQUIVALENT.	Each	6065.00
M-0830	<p>Supplying, erection, testing and commissioning of Fire Fighting Electrical Control Panel of 10HP, 415V, 50Hz rating Wall Mounted Type fabricated using CRCA sheet, hinged lockable door, dust and vermin proof with following provisions.</p> <p>a. 50 Amps, 4 Pole MCB-Incomer, 6 Amps, 2 Pole MCB for Control Circuit-1 set</p> <p>b. R, Y, B Phase Indication Lamp, Voltmeter (0-500V), Ammeter (0-50A), Voltmeter Selector Switch-1set</p> <p>c. 32 Amps Power Contactor with 230V Coil, 14-23 Amps Over Load Relay-1 set</p> <p>d. Single Phase Preventer-1 No.</p> <p>e. Indication Lamp for Motor On/Off Push Button-1 set</p> <p>f. Auto / Manual Selector Switch, On / Off Push Button-1 set</p> <p>g. Add On Block, Terminal Block, Power Wiring, Control Wiring, Connectors, Cable Lugs, Slotted Cable Cover.</p> <p>The above panel mounted on wall using anchor fastners, bolts, plugs, incoming and outgoing cable connection and all works carried out as per standard specifications and as directed by the Departmental Officers.</p>	Each	88410.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0831	<p>Supplying, installation, testing and commissioning of Fire Fighting Electrical Control Panel of cubical construction, floor mounted type fabricated using CRCA sheet, compartmentalised with hinged lockable door dust and vermin proof, cable alley, inter connection having switch gears and accessories mounting and internal wiring, earth terminals, numberings, necessary metering protections and indications complete in all respect suitable for operation on 415volt, 3 phase, 50 Hz AC supply with enclosure protection class IP 54 and mounted with the followings.</p> <p>A. Common Panel in Fire Pump House</p> <p>(i). Incomer</p> <p>a. 1 No. 600A TP &amp; N SDFU with HRC fuses</p> <p>b. 1 set of 600A, 4 bar aluminium bus bar, 415 V, 50 HZ AC supply</p> <p>c. 1 No. (0-500A) digital ammeter with selector switch &amp; CTs</p> <p>d. 1 No. (0-500V) digital voltmeter with selector switch and control fuses</p> <p>e. 3 Nos. phase indication lamp LED type with toggle switches with control fuses</p> <p>(ii). Outgoing</p> <p>a. Main Fire Pump</p> <p>400 A TPN SDFU with HRC fuses with suitable HP fully automatic starter / delta starter with over load protection, digital ammeter with built-in selector switch and suitable CTs, current sensing type single phasing preventer complete with all accessories and internal wiring required for automatic operation, selector switch for auto / manual / OFF operation - 1 No.</p> <p>b. Jockey Pump</p> <p>125 A TPN SDFU with HRC fuses with suitable HP fully automatic starter / delta starter with over load protection, current sensing type single phasing preventer complete with all accessories and internal wiring required for automatic operation, selector switch for auto / manual operation - 1 No.</p> <p>c. Diesel Engine Control comprising of:</p> <p>1. Auto / manual selector switch and 3 attempt starting device, timers and relays as required, push buttons, start / stop in manual mode.</p> <p>2. Indication lamp for high / low lubricant oil pressure, high water temperature and engine ON indication.</p> <p>3. Battery charger suitable for 12V /24V DC with boost and tickle selector switch, 0-15V / 0-30V DC volt meter, 0-20A DC ammeter.</p> <p>4. All standard relays and accessories for automatic operation of diesel engine.</p> <p>5. The above combined panel mounted over MS channel fabricated frame with cement concrete platform, all other connection works carried out as per standard methods and including conveying, fixing and incidental charges, etc., complete as per standard specification and as directed by the Departmental Officers.</p>	Each	612100.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0832	<p>Supply erection testing and commissioning of Electric Motor Driven Fire Pumpset suitable for automatic operation and consisting of following:</p> <p>a. 1 No. horizontal split casing centrifugal type fire pump capable of delivering 4550 LPM against a total head of 110 metres, so as to ensure a minimum pressure of 3.5 kg. per sq.cm at the farthest top most hydrant / outlet with pump casing of cast iron to grade FG 200, IS 210-1978 and parts like impeller, shaft sleeve, bearing ring etc., of non-corrosive metal either like bronze, brass or gun metal and shaft of stainless steel.</p> <p>b. 1 No. squirrel cage induction motor of 175 HP, 415 Volt, 3 phase 50Hz rating, conforming to IS:325-1978 with class "F" insulation, totally enclosed, IP 55 for enclosure fan cooled type conforming to relevant protection clause of IS 4691, synchronous speed of 2900 RPM.</p> <p>c. Common bed plate fabricated with MS channel / cast iron type for assembling the pump and motor flexible coupling between the pump and the motor with coupling guard for protection - 1 No.</p> <p>d. Making cement concrete foundation suitable for the above pumpset including vibration isolation pads as necessary, foundation bolts, brackets, clamp fixtures, grouting, etc., in accordance with the manufacturer's design and as per standard methods and including conveying, fixing and incidental charges, etc., complete as per standard Specification and as directed by the Departmental Officers.</p>	Each	962100.00
M-0833	<p>Supply, installation, testing and commissioning of Diesel Engine Driven Main Fire Pump suitable for automatic operation and consisting of followings and complete in all respects as required.</p> <p>a. 1 No. horizontal split casing centrifugal type fire pump capable of delivering 4550 LPM against a total head of 110 metres, so as to ensure a minimum pressure of 3.5 kg. per sq.cm at the farthest top most hydrant / outlet with pump casing of cast iron to grade FG 200, IS 210-1978 and parts like impeller, shaft sleeve, bearing ring etc., of non-corrosive metal either like bronze, brass or gun metal and shaft of stainless steel.</p> <p>b. 190 BHP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS &amp; IS standard complete.</p> <p>c. Auto starting mechanism, 12 volts / 24 volts electric starting equipment like self motor, dynamo, solenoid switches, etc.</p> <p>d. 110 litres capacity diesel tank mounted over stand fabricated using 25mm x 25mm x 6mm size MS angle providing with level indicator, inlet port, outlet port, drain port and diesel return line port and fuel pre-filter, after filter etc.....</p>	Each	1445800.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<p>e. Exhaust system having flexible metallic muffler, 100mm dia MS heavy pipe extended upto 1m outside pump house duly insulated with 50mm thick glass wool with 1mm thick aluminium sheet cladding, residential silencer with necessary MS support arrangements from wall or ceiling as per site condition.</p> <p>f. Dash board consisting the instruments like Temperature Gauge, Galvano Type DC Ammeter, Lubricant Oil Pressure Gauge, Ignition Switch, Emergency Stop and all other protection equipment as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with Post Office Red Colour, etc., as required.</p> <p>g. 12V / 24V, storage battery, maintenance free type, 180AH rating, MS fabricated common base plate, coupling guard, foundation bolts, etc., as required.</p> <p>h. Positioning the diesel engine driven fire pump over cement concrete foundation using suitable size anti-vibration mounting arrangement.</p> <p>All works including conveying, fixing and incidental charges, etc., complete as per standard specification and as directed by the Departmental Officers. Make: KIRLOSKAR / EQUIVALENT.</p>		
M-0834	<p>Supply, installation, testing and commissioning of Diesel Engine Driven Main Fire Pump suitable for automatic operation and consisting of followings complete in all respects as required.</p> <p>a. 1 No. horizontal split casing centrifugal type fire pump capable of delivering 2850 LPM against a total head of 110 metres, so as to ensure a minimum pressure of 3.5 kg. per sq.cm at the farthest top most hydrant / outlet with pump casing of cast iron to grade FG 200, IS 210-1978 and parts like impeller, shaft sleeve, bearing ring, etc., of non-corrosive metal either like bronze, brass or gun metal and shaft of stainless steel.</p> <p>b. 100 BHP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS &amp; IS standard complete.</p> <p>c. Auto starting mechanism, 12 volts / 24 volts electric starting equipment like self motor, dynamo, solenoid switches etc.</p> <p>d. 110 litres capacity diesel tank mounted over stand fabricated using 25mm x 25mm x 6mm size MS angle providing with level indicator, inlet port, outlet port, drain port and diesel return line port and fuel pre filter, after filter etc.....</p>	Each	1334500.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<p>e. Exhaust system having flexible metallic muffler, 100mm dia MS heavy pipe extended upto 1m outside pump house duly insulated with 50mm thick glass wool with 1mm thick aluminium sheet cladding, residential silencer with necessary MS support arrangements from wall or ceiling as per site condition.</p> <p>f. Dash board consisting of the instruments like Temperature Gauge, Galvano Type DC Ammeter, Lubricant Oil Pressure Gauge, Ignition Switch, Emergency Stop and all other protection equipments as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with Post Office Red Colour etc., as required.</p> <p>g. 12 V / 24 V, storage battery, maintenance free type, 180AH rating. MS fabricated common base plate, coupling guard, foundation bolts, etc., as required.</p> <p>h. Positioning the Diesel Engine Driven Fire Pump over cement concrete foundation using suitable size anti vibration mounting arrangements.</p> <p>All works including conveying, fixing and incidental charges, etc., completed as per standard specification and as directed by the Departmental Officers. Make: KIRLOSKAR / EQUIVALENT.</p>		
M-0835	<p>Supply, installation, testing and commissioning of Diesel Engine Driven Main Fire Pump suitable for automatic operation and consisting of followings complete in all respects as required.</p> <p>a. 1 No. horizontal split casing centrifugal type fire pump capable of delivering 2850 LPM against a total head of 70 metres, so as to ensure a minimum pressure of 3.5 kg. per sq.cm at the farthest top most hydrant / outlet with pump casing of cast iron to grade FG 200, IS 210-1978 and parts like impeller, shaft sleeve, bearing ring, etc., of non-corrosive metal either like bronze, brass or gun metal and shaft of stainless steel.</p> <p>b. 68 BHP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS &amp; IS standard complete.</p> <p>c. Auto starting mechanism, 12 volts / 24 volts electric starting equipment like self motor, dynamo, solenoid switches etc.</p> <p>d. 110 litres capacity diesel tank mounted over stand fabricated using 25mm x 25mm x 6mm size MS angle providing with level indicator, inlet port, outlet port, drain port and diesel return line port and fuel pre filter, after filter etc.....</p>	Each	1207500.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<p>e. Exhaust system having flexible metallic muffler, 100mm dia MS heavy pipe extended upto 1m outside pump house duly insulated with 50mm thick glass wool with 1mm thick aluminium sheet cladding, residential silencer with necessary MS support arrangements from wall or ceiling as per site condition.</p> <p>f. Dash board consisting of the instruments like Temperature Gauge, Galvano Type DC Ammeter, Lubricant Oil Pressure Gauge, Ignition Switch, Emergency Stop and all other protection equipments as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with Post Office Red Colour etc., as required.</p> <p>g. 12 V / 24 V, storage battery, maintenance free tape, 180AH rating. MS fabricated common base plate, coupling guard, foundation bolts, etc., as required.</p> <p>h. Positioning the Diesel Engine Driven Fire Pump over cement concrete foundation using suitable size anti vibration mounting arrangements.</p> <p>All works including conveying, fixing and incidental charges, etc., completed as per standard specification and as directed by the Departmental Officers. (Make: KIRLOSKAR / EQUIVALENT).</p>		
M-0836	Supply, erection, testing and commissioning of Fire Fighting Application Horizontal Centrifugal Type Pump rated for 2850 LPM at 70 metres head with Electrical Motor of 60HP of 415 volt, 3 phase connection complete with base plate and accessories. (Make Kirloskar or Equivalent). The rate inclusive of necessary vibration, bed mounting, etc., as per standard specifications and as directed by the Departmental Officers	Each	613500.00
M-0837	<p>Supply, installation, testing and commissioning of Diesel Engine Driven Main Fire Pump suitable for automatic operation and consisting of followings complete in all respects as required.</p> <p>a. 1 No. horizontal split casing centrifugal type fire pump capable of delivering 1620 LPM against a total head of 40 metres, so as to ensure a minimum pressure of 3.5 kg. per sq.cm at the farthest top most hydrant / outlet with pump casing of cast iron to grade FG 200, IS 210-1978 and parts like impeller, shaft sleeve, bearing ring, etc., of non-corrosive metal either like bronze, brass or gun metal and shaft of stainless steel.</p> <p>b. 36 BHP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant BS &amp; IS standard complete.</p> <p>c. Auto starting mechanism, 12 volts / 24 volts electric starting equipment like self motor, dynamo, solenoid switches etc.</p> <p>d. 110 litres capacity diesel tank mounted over stand fabricated using 25mm x 25mm x 6mm size MS angle providing with level indicator, inlet port, outlet port, drain port and diesel return line port and fuel pre filter, after filter etc.....</p>	Each	947700.00

Unique Code	Name of Material	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<p>e. Exhaust system having flexible metallic muffler, 100mm dia MS heavy pipe extended upto 1m outside pump house duly insulated with 50mm thick glass wool with 1mm thick aluminium sheet cladding, residential silencer with necessary MS support arrangements from wall or ceiling as per site condition.</p> <p>f. Dash board consisting of the instruments like Temperature Gauge, Galvano Type DC Ammeter, Lubricant Oil Pressure Gauge, Ignition Switch, Emergency Stop and all other protection equipments as per specification, stop solenoid for auto stop in the event of fault with audio indications, painted with Post Office Red Colour etc., as required.</p> <p>g. 12 V / 24 V, storage battery, maintenance free tape, 180AH rating. MS fabricated common base plate, coupling guard, foundation bolts, etc., as required.</p> <p>h. Positioning the Diesel Engine Driven Fire Pump over cement concrete foundation using suitable size anti vibration mounting arrangements.</p> <p>All works including conveying, fixing and incidental charges, etc., completed as per standard specification and as directed by the Departmental Officers. (Make: KIRLOSKAR / EQUIVALENT).</p>		
M-0838	Supply, erection, testing and commissioning of Fire Fighting Application Horizontal Centrifugal Type Pump rated for 1620 LPM at 40 metres head with Electrical Motor of 35HP of 415 volt, 3 phase connection complete with base plate and accessories. (Make Kirloskar or Equivalent). The rate inclusive of necessary vibration, bed mounting, etc., as per standard specifications and as directed by the Departmental Officers.	Each	293000.00
M-0839	Supply, Installing, testing and commissioning of Stainless Steel Corrugated Flexible Braided Pipe (Hose) for dropping sprinklers below false ceiling. Pipe shall be 16 bar pressure rating and 1500mm long, 25mm dia with union / reducer, collar, clamps, etc. It shall have UL listed and FM approved.	Each	2562.00
M-0840	Supply, Installing, testing and commissioning of Stainless Steel Corrugated Flexible Braided Pipe (Hose) for dropping sprinklers below false ceiling. Pipe shall be 16 bar pressure rating and 1000mm long, 25mm dia with union / reducer, collar, clamps, etc. It shall have UL listed and FM approved.	Each	1890.00
M-0841	Supplying and installing of approved type Rosette Plates (Recessed Type in Two Pieces) for sprinklers below false ceiling area. The Rosette shall be fabricated by MS plate of 2mm thick and the finish shall be powder coated and colour, as directed by the Departmental Officers.	Each	241.50
M-0842	Supply and kept in position of 9 litres capacity Fire Buckets of 4 Nos. with Bucket Stand as per standard specifications and as directed by the Departmental Officers	Each	5827.00

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0843	Supply and fixing in position of Fire Fighting Duct Window having proper glass window type double door with universe open key, painted inside white and outside post office red for the sizes of 1300 x 900 x 500mm (L x B x D) fabricated using 25 x 3mm MS 'L' Angle and all sides covered with 2mm thick MS sheets, suitable arrangements to keep 2 Nos. of Fire Fighting Hoses and 1 No. Branch Pipe, mounted in fire duct using anchor fasteners, etc., as per standard specifications and as per directed by the Departmental Officers.	Each	58380.00
M-0844	Supply, erection, testing and commissioning of 180 LPM, 70 metres Head Pressurization Pump with 10HP electrical motor of Kirloskar make with suitable base frame including necessary vibration pad mounting etc., including conveying, fixing and incidental charges, etc., complete as per standard specification and as directed by the Departmental Officers. Make: KIRLOSKAR / EQUIVALENT.	Each	118900.00
M-0845	Supply, erection, testing and commissioning of Fire Fighting 4 Way Fire Brigade Inlet with necessary gun metal 63mm dia non return spring shutter arrangements, so that to control one way flow at the time of emergency water supply by fire and rescue service fire engine entry including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary, etc., complete as per standard specification and as directed by the Departmental Officers. Make: KIARTAR / OMEX / EQUIVALENT.	Each	16914.00
M-0846	Supply, erection, testing and commissioning of Air Release Valve of 20mm dia, so as to release airlock in 100mm dia MS pipe at top most wet riser, including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary, etc., complete as per standard specification and as directed by the Departmental Officers. Make: KARTAR / EQUIVALENT.	Each	1690.00
	Providing, fixing pipe supports from columns / wall or suspenders from roof slab to suit various dia of pipes made out of GI / MS adjustable rods threaded for a sufficient length to adjust the height of support along with clamping arrangement for holding pipes of anchor fastening, arrangement design of hanger and should confirm with specification.		
M-0847	100mm dia	Each	325.50
M-0848	80mm dia	Each	313.90

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0849	50mm dia	Each	290.80
M-0850	40mm dia	Each	162.70
M-0851	Supply and fixing of stored pressure ABC (Mono Ammonium Phosphate) Powder Type Fire Extinguisher of 6 kg. capacity as per IS:15683 with pressure gauge, discharge hose & control nozzle, wall mounting bracket, safety clip etc., including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc, complete as per standard specification and as directed by the Departmental Officers. Make: EXCELLENT / SAFETY FIRST / EQUIVALENT	Each	5248.00
M-0852	Supply and fixing of Carbon-di-Oxide Gas Type 2 kg. capacity Fire Extinguisher as per New IS15683, complete with control valve, discharge hose with horn, wall mounting bracket, safety clip etc., including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary etc., complete as per standard specification and as directed by the Departmental Officers. Make: EXCELLENT / SAFETY FIRST / EQUIVALENT	Each	8748.00
M-0853	Supply and kept in position of Trolley Mounted Water CO <sub>2</sub> Stored Pressure Type 50 litres capacity Fire Extinguisher as per IS13385, complete with control valve, gun metal cap, pressure gauge, operation sticker, discharge hose, mounting trolley with moving wheel, safety clip, etc., including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary, etc., complete as per standard specification and as directed by the Departmental Officers. Make: EXCELLENT / SAFETY FIRST / EQUIVALENT	Each	24485.00
M-0854	Supply and kept in position of Trolley Mounted Type 22.5 kg. Carbon-di-Oxide Fire Extinguisher as per IS15683, complete with control valve, gun metal cap, pressure gauge, operation sticker, discharge hose, mounting trolley with moving wheel, safety clip, etc., including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary, etc., complete as per standard specification and as directed by the Departmental Officers. Make: EXCELLENT / SAFETY FIRST / EQUIVALENT	Each	33828.00

<b>Unique Code</b>	<b>Name of Material</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-0855	Servicing the SS Hydrant Valves by disconnecting from pipe line, dismantling, checking the operation of rotating spindle, replacing rubber 'O' ring of valve seating, replacing rubber gasket of 80mm dia OD x 65mm dia ID, replacing the 5/8" x 2 1/2 bolt, nut, washers, re-connecting with hydrant system as per standard methods and as directed by the Departmental Officers.	Each	1690.00
M-0856	Servicing the First Aid Hose Reel Drum assembly by disconnecting from hydrant line, replacing shut off nozzle, worm clip, lubricating the rotating assembly, replacing 20mm dia, 30 metres long rubber hose, re-connecting with hydrant system as per standard methods and as directed by the Departmental Officers.	Each	4082.00
	Servicing the following sizes of cast iron body Sluice Valves by disconnecting from hydrant line, dismantling, inspecting the internal shutter, replacing valve seating, checking operating lever, lubricating for moving parts, re-connecting with hydrant system, as per standard methods and as directed by the Departmental Officers.		
M-0857	150mm dia	Each	3148.00
M-0858	100mm dia	Each	2098.00
M-0859	Supply and fixing in position of 12 Volt 180 AH Lead Acid, Sealed Maintenance Free (SMF) batteries with connecting leads, lugs terminal post, etc., as per standard methods and including conveyance, all incidental charges, necessary scaffolding and re-doing the dismantled portions to its original condition wherever found necessary, etc., complete as per standard specification and as directed by the Departmental Officers. Make: EXCELLENT / SAFETY FIRST / EQUIVALENT.	Each	29163.00

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>WATER SUPPLY AND SANITARY ARRANGEMENTS</b>		
	<b>WORKING PRESSURE: 4 kg. per cm2</b>		
	<b>1. PVC ITEMS FINOLEX (OR) EQUIVALENT (WITH ISI MONOGRAM)</b>		
	<b>PVC Pipes</b>		
M-0860	50mm dia	RM	64.75
M-0861	63mm dia	RM	93.75
M-0862	75mm dia	RM	130.40
M-0863	90mm dia	RM	152.00
M-0864	100mm dia	RM	177.50
M-0865	110mm dia	RM	203.10
M-0866	160mm dia	RM	419.70
	<b>WORKING PRESSURE: 6 kg. per cm2</b>		
	<b>PVC Pipes</b>		
M-0867	50mm dia	RM	101.40
M-0868	63mm dia	RM	137.30
M-0869	75mm dia	RM	195.50
M-0870	90mm dia	RM	232.30
M-0871	100mm dia	RM	268.50
M-0872	110mm dia	RM	304.90
M-0873	160mm dia	RM	595.00
	<b>WORKING PRESSURE: 10 kg. per cm2</b>		
	<b>PVC Pipes</b>		
M-0874	15mm dia	RM	17.10
M-0875	20mm dia	RM	25.30
M-0876	25mm dia	RM	43.25
M-0877	32mm dia	RM	64.75
M-0878	40mm dia	RM	101.40
M-0879	50mm dia	RM	151.90
	NOTE: (1) For Rainwater down fall pipe works, only PVC Pipe of working pressure of <b>4 kg. per sq.cm.</b> shall be adopted.		
	(2) For Sanitary arrangement items of works, only PVC Pipe of working pressure of <b>6 kg. per sq.cm.</b> shall be adopted.		
	(3) For Water Supply arrangement items of works, only PVC Pipe of working pressure of <b>10 kg. per sq.cm.</b> shall be adopted.		

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>2. PVC Specials for water supply arrangements</b>		
	<b>2a. Coupler</b>		
M-0880	15mm dia	Each	4.05
M-0881	20mm dia	Each	4.70
M-0882	25mm dia	Each	5.55
M-0883	32mm dia	Each	7.00
M-0884	40mm dia	Each	10.50
M-0885	50mm dia	Each	14.25
	<b>2b. Elbow</b>		
M-0886	15mm dia	Each	6.15
M-0887	20mm dia	Each	7.00
M-0888	25mm dia	Each	9.95
M-0889	32mm dia	Each	14.25
M-0890	40mm dia	Each	20.15
M-0891	50mm dia	Each	28.75
	<b>2c. Bend</b>		
M-0892	15mm dia	Each	7.00
M-0893	20mm dia	Each	8.50
M-0894	25mm dia	Each	11.30
M-0895	32mm dia	Each	17.10
M-0896	40mm dia	Each	22.90
M-0897	50mm dia	Each	36.00
	<b>2d. Tee</b>		
M-0898	15mm dia	Each	8.50
M-0899	20mm dia	Each	9.95
M-0900	25mm dia	Each	14.25
M-0901	32mm dia	Each	17.20
M-0902	40mm dia	Each	28.75
M-0903	50mm dia	Each	43.25
	<b>2e. End Cap</b>		
M-0904	15mm dia	Each	4.05
M-0905	20mm dia	Each	5.55
M-0906	25mm dia	Each	7.00
M-0907	32mm dia	Each	8.50
M-0908	40mm dia	Each	13.30
M-0909	50mm dia	Each	18.55
	<b>2f. Reducer</b>		
M-0910	20mm x 15mm	Each	5.55

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-0911	25mm x 20mm	Each	6.15
M-0912	32mm x 25mm	Each	9.95
M-0913	40mm x 32mm	Each	13.30
M-0914	50mm x 40mm	Each	22.90
	<b>2g. Reducer Tee</b>		
M-0915	20mm x 15mm	Each	8.50
M-0916	25mm x 20mm	Each	9.95
M-0917	32mm x 25mm	Each	14.25
M-0918	40mm x 32mm	Each	17.20
M-0919	50mm x 40mm	Each	28.75
	<b>2h. Reducer Elbow</b>		
M-0920	20mm x 15mm	Each	7.00
M-0921	25mm x 20mm	Each	8.50
M-0922	32mm x 25mm	Each	11.30
M-0923	40mm x 32mm	Each	14.25
M-0924	50mm x 40mm	Each	21.50
	<b>2i. Jet Nipple</b>		
M-0925	25mm dia	Each	18.55
M-0926	32mm dia	Each	24.25
	<b>2j. PVC Door Bend</b>		
M-0927	15mm dia	Each	7.00
M-0928	20mm dia	Each	8.50
M-0929	25mm dia	Each	11.30
M-0930	32mm dia	Each	17.10
M-0931	40mm dia	Each	22.95
M-0932	50mm dia	Each	33.35
	<b>2k. PVC Door Tee</b>		
M-0933	15mm dia	Each	8.50
M-0934	20mm dia	Each	9.95
M-0935	25mm dia	Each	14.25
M-0936	32mm dia	Each	17.20
M-0937	40mm dia	Each	28.55
M-0938	50mm dia	Each	32.40

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>I. "O" RING JOINTING</b>		
	<b>1. PVC SPECIALS FOR SANITARY ARRANGEMENTS FINOLEX (OR) EQUIVALENT (WITH ISI MONOGRAM)</b>		
	<b>1a. Elbow</b>		
M-0939	75mm	Each	75.90
M-0940	90mm	Each	97.30
M-0941	110mm	Each	118.00
M-0942	160mm	Each	131.90
	<b>1b. Door Elbow</b>		
M-0943	75mm	Each	97.30
M-0944	90mm	Each	125.20
M-0945	110mm	Each	153.00
M-0946	160mm	Each	181.00
	<b>1c. Tee</b>		
M-0947	75mm	Each	104.10
M-0948	90mm	Each	131.90
M-0949	110mm	Each	173.70
M-0950	160mm	Each	195.20
	<b>1d. Tee with Door (Single)</b>		
M-0951	75mm	Each	131.90
M-0952	90mm	Each	159.90
M-0953	110mm	Each	201.70
M-0954	160mm	Each	243.60
	<b>1e. Tee with Door (Double)</b>		
M-0955	75mm	Each	166.90
M-0956	90mm	Each	229.60
M-0957	110mm	Each	278.90
M-0958	160mm	Each	319.70
	<b>1f. Bend</b>		
M-0959	75mm	Each	83.40
M-0960	90mm	Each	104.10
M-0961	110mm	Each	125.20
M-0962	160mm	Each	139.10

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>1g. "Y"</b>		
M-0963	75mm	Each	111.40
M-0964	90mm	Each	139.10
M-0965	110mm	Each	181.10
M-0966	160mm	Each	201.70
	<b>1h. "Y" with Door (Single)</b>		
M-0967	75mm	Each	131.90
M-0968	90mm	Each	167.20
M-0969	110mm	Each	223.10
M-0970	160mm	Each	256.30
	<b>1i. "Y" with Door (Double)</b>		
M-0971	75mm	Each	181.00
M-0972	90mm	Each	243.30
M-0973	110mm	Each	292.70
M-0974	160mm	Each	353.90
	<b>1j. Double Tee with Door (Single)</b>		
M-0975	75mm	Each	229.30
M-0976	90mm	Each	263.30
M-0977	110mm	Each	311.60
M-0978	160mm	Each	348.00
	<b>1k. Double "Y" with Door (Single)</b>		
M-0979	75mm	Each	250.40
M-0980	90mm	Each	278.60
M-0981	110mm	Each	318.60
M-0982	160mm	Each	389.20
	<b>1l. Reducer</b>		
M-0983	75mm x 63mm	Each	76.00
M-0984	110mm x 63mm	Each	97.30
M-0985	110mm x 75mm	Each	111.40
M-0986	110mm x 90mm	Each	125.10
M-0987	160mm x 110mm	Each	146.00

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>II. BY PASTING</b>		
	<b>1. PVC SPECIALS FOR SANITARY ARRANGEMENTS FINOLEX (OR) EQUIVALENT (WITH ISI MONOGRAM)</b>		
	<b>1a. Elbow</b>		
M-0988	75mm	Each	62.10
M-0989	90mm	Each	75.00
M-0990	110mm	Each	65.80
M-0991	160mm	Each	111.40
	<b>1b. Door Elbow</b>		
M-0992	75mm	Each	69.60
M-0993	90mm	Each	83.40
M-0994	110mm	Each	131.90
M-0995	160mm	Each	153.30
	<b>1c. Tee</b>		
M-0996	75mm	Each	97.30
M-0997	90mm	Each	118.00
M-0998	110mm	Each	159.90
M-0999	160mm	Each	172.90
	<b>1d. Tee with Door (Single)</b>		
M-1000	75mm	Each	125.20
M-1001	90mm	Each	139.10
M-1002	110mm	Each	187.80
M-1003	160mm	Each	223.10
	<b>1e. Tee with Door (Double)</b>		
M-1004	75mm	Each	159.90
M-1005	90mm	Each	208.50
M-1006	110mm	Each	264.10
M-1007	160mm	Each	283.90
	<b>1f. Bend</b>		
M-1008	75mm	Each	69.60
M-1009	90mm	Each	83.40
M-1010	110mm	Each	104.10
M-1011	160mm	Each	118.00

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>1g. "Y"</b>		
M-1012	75mm	Each	104.10
M-1013	90mm	Each	125.20
M-1014	110mm	Each	167.10
M-1015	160mm	Each	181.10
	<b>1h. "Y" with Door (Single)</b>		
M-1016	75mm	Each	125.20
M-1017	90mm	Each	146.00
M-1018	110mm	Each	195.20
M-1019	160mm	Each	226.90
	<b>1i. "Y" with Door (Double)</b>		
M-1020	75mm	Each	173.70
M-1021	90mm	Each	223.10
M-1022	110mm	Each	277.70
M-1023	160mm	Each	318.60
	<b>1j. Double Tee with Door (Single)</b>		
M-1024	75mm	Each	187.80
M-1025	90mm	Each	215.70
M-1026	110mm	Each	271.60
M-1027	160mm	Each	305.70
	<b>1k. Double "Y" with Door (Single)</b>		
M-1028	75mm	Each	208.10
M-1029	90mm	Each	236.60
M-1030	110mm	Each	298.60
M-1031	160mm	Each	348.00
	<b>1l. Reducer</b>		
M-1032	75mm x 63mm	Each	62.10
M-1033	110mm x 63mm	Each	83.40
M-1034	110mm x 75mm	Each	97.30
M-1035	110mm x 90mm	Each	111.40
M-1036	160mm x 110mm	Each	139.10
	<b>1m. Shoe</b>		
M-1037	110mm dia	Each	83.40
M-1038	160mm dia	Each	125.10

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>1n. Vent Cowl</b>		
M-1039	50mm dia	Each	34.40
M-1040	75mm dia	Each	55.50
M-1041	110mm dia	Each	82.30
	<b>2. PVC AND HDPE PIPES FOR BORE WELLS</b>		
	<b>2a. Special Blue Pipes for Bore Well</b>		
M-1042	110mm dia	RM	346.00
M-1043	125mm dia	RM	388.00
M-1044	140mm dia	RM	447.00
M-1045	160mm dia	RM	505.00
	<b>2b. Special Blue Slotted Pipes for Bore Wells</b>		
M-1046	110mm dia	RM	360.00
M-1047	125mm dia	RM	411.00
M-1048	140mm dia	RM	476.00
M-1049	160mm dia	RM	579.00
	<b>2c. End Cap for Bore Well</b>		
M-1050	110mm dia	Each	108.40
M-1051	125mm dia	Each	116.00
M-1052	140mm dia	Each	130.50
M-1053	160mm dia	Each	144.30
	<b>2d. HDPE PIPES FOR SUB-MERSIBLE PUMP IN BORE WELL Class-5 (1 MPa or 10 kg./cm2 pressure)</b>		
M-1054	20mm dia	RM	35.70
M-1055	25mm dia	RM	64.70
M-1056	32mm dia	RM	86.80
M-1057	40mm dia	RM	122.80
M-1058	50mm dia	RM	173.90
	<b>III. OTHER ITEMS</b>		
M-1059	1.0 HP Jet Pump Set	Each	9012.00
M-1060	1.5 HP Jet Pump Set	Each	15450.00
M-1061	2.0 HP Jet Pump Set	Each	13920.00

<b>Unique Code</b>	<b>Description of Materials</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-1062	3.0 HP Jet Pump Set	Each	25755.00
M-1063	1.0 HP Monoblock Pump	Each	8160.00
M-1064	2.0 HP Monoblock Pump	Each	12240.00
M-1065	5.0 HP Monoblock Pump	Each	35700.00
M-1066	2.0 HP Submersible Pump	Each	15450.00
M-1067	3.0 HP Submersible Pump	Each	35490.00
M-1068	5.0 HP Submersible Pump	Each	52520.00
M-1069	7.5 HP Submersible Pump	Each	84130.00
M-1070	10.0 HP Submersible Pump	Each	102000.00
M-1071	3 Phase Panel Board including labour charges	Each	13390.00
M-1072	Nylon Rope for Bore-well	RM	61.80
	UPVC Pipe (Un-Plasticized Polyvinyl Chloride) UPVC used for residential and home applications, water pressure in residential areas do not normally exceed the maximum tolerance. (Schedule-40)		
M-1073	15mm dia	RM	42.60
M-1074	20mm dia	RM	61.20
M-1075	25mm dia	RM	88.80
M-1076	32mm dia	RM	120.50
M-1077	40mm dia	RM	133.70
M-1078	50mm dia	RM	184.20
M-1079	65mm dia	RM	273.90
M-1080	80mm dia	RM	350.30
M-1081	100mm dia	RM	459.80
M-1082	150mm dia	RM	767.80
	UPVC Pipe (Un-Plasticized Polyvinyl Chloride) UPVC used for commercial applications operate and designed to handle higher water pressure (Schedule-80)		
M-1083	15mm dia	RM	53.50
M-1084	20mm dia	RM	75.60
M-1085	25mm dia	RM	107.40


<b>Unique Code</b>	<b>Description of Materials</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
M-1086	32mm dia	RM	148.10
M-1087	40mm dia	RM	182.20
M-1088	50mm dia	RM	248.10
M-1089	65mm dia	RM	353.80
M-1090	80mm dia	RM	509.10
M-1091	100mm dia	RM	754.90
M-1092	150mm dia	RM	1260.00
	CPVC Pipe (Chlorinated Poly Vinyl Chloride) (Higher pressure rating with higher pipe thickness) Standard Dimension Ratio-11		
M-1093	15mm dia	RM	77.50
M-1094	20mm dia	RM	117.60
M-1095	25mm dia	RM	183.40
M-1096	32mm dia	RM	273.90
M-1097	40mm dia	RM	301.00
M-1098	50mm dia	RM	328.00
M-1099	65mm dia	RM	356.20
M-1100	80mm dia	RM	446.20
M-1101	100mm dia	RM	682.00
M-1102	150mm dia	RM	997.00
	CPVC Pipe (Chlorinated Poly Vinyl Chloride) (Lesser pressure rating with lesser pipe thickness) Standard Dimension Ratio-13.50		
M-1103	15mm dia	RM	67.90
M-1104	20mm dia	RM	107.80
M-1105	25mm dia	RM	156.50
M-1106	32mm dia	RM	237.50
M-1107	40mm dia	RM	262.10
M-1108	50mm dia	RM	285.60
M-1109	65mm dia	RM	309.20
M-1110	80mm dia	RM	330.70

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1111	100mm dia	RM	498.70
M-1112	150mm dia	RM	735.00
	<b>UPVC Specials</b>		
	<b>a. Elbow</b>		
M-1113	50mm dia	Each	87.80
M-1114	40mm dia	Each	58.40
M-1115	32mm dia	Each	43.80
M-1116	25mm dia	Each	29.10
M-1117	20mm dia	Each	17.90
M-1118	15mm dia	Each	11.90
	<b>b. Tee</b>		
M-1119	50mm dia	Each	121.80
M-1120	40mm dia	Each	75.60
M-1121	32mm dia	Each	57.00
M-1122	25mm dia	Each	38.50
M-1123	20mm dia	Each	22.20
M-1124	15mm dia	Each	15.80
	<b>c. Union</b>		
M-1125	20mm dia	Each	41.20
M-1126	15mm dia	Each	33.00
M-1127	25mm dia	Each	66.20
M-1128	32mm dia	Each	89.40
M-1129	40mm dia	Each	132.60
M-1130	50mm dia	Each	282.20
	<b>d. Bend</b>		
M-1131	50mm dia	Each	82.30
M-1132	40mm dia	Each	58.80
M-1133	32mm dia	Each	41.10
M-1134	25mm dia	Each	32.80
M-1135	20mm dia	Each	23.50

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>e. Coupler</b>		
M-1136	50mm dia	Each	71.00
M-1137	40mm dia	Each	51.60
M-1138	32mm dia	Each	41.60
M-1139	25mm dia	Each	32.70
M-1140	20mm dia	Each	22.70
M-1141	15mm dia	Each	17.80
	<b>f. Reducer</b>		
M-1142	50mm x 40mm dia	Each	60.00
M-1143	40mm x 32mm dia	Each	38.50
M-1144	32mm x 25mm dia	Each	27.90
M-1145	25mm x 20mm dia	Each	16.90
M-1146	20mm x 15mm dia	Each	12.40
	<b>g. Reducer Elbow</b>		
M-1147	50mm x 40mm dia	Each	117.10
M-1148	40mm x 32mm dia	Each	80.50
M-1149	32mm x 25mm dia	Each	58.40
M-1150	25mm x 20mm dia	Each	38.30
M-1151	20mm x 15mm dia	Each	31.70
	<b>h. Reducer Tee</b>		
M-1152	50mm x 40mm dia	Each	134.00
M-1153	40mm x 32mm dia	Each	89.40
M-1154	32mm x 25mm dia	Each	64.70
M-1155	25mm x 20mm dia	Each	38.50
M-1156	20mm x 15mm dia	Each	30.70
	<b>i. Hex Nipple</b>		
M-1157	50mm dia	Each	188.10
M-1158	40mm dia	Each	124.90
M-1159	32mm dia	Each	81.60
M-1160	25mm dia	Each	58.40

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1161	20mm dia	Each	30.80
M-1162	15mm dia	Each	22.30
	<b>CPVC Specials</b>		
	<b>a. Elbow</b>		
M-1163	50mm dia	Each	367.50
M-1164	40mm dia	Each	178.50
M-1165	32mm dia	Each	107.40
M-1166	25mm dia	Each	50.50
M-1167	20mm dia	Each	23.90
M-1168	15mm dia	Each	20.70
	<b>b. Tee</b>		
M-1169	50mm dia	Each	463.00
M-1170	40mm dia	Each	245.70
M-1171	32mm dia	Each	137.20
M-1172	25mm dia	Each	60.90
M-1173	20mm dia	Each	39.20
M-1174	15mm dia	Each	27.90
	<b>c. Bend</b>		
M-1175	25mm dia	Each	47.00
M-1176	20mm dia	Each	37.50
M-1177	15mm dia	Each	29.40
	<b>d. Coupling</b>		
M-1178	50mm dia	Each	252.60
M-1179	40mm dia	Each	121.00
M-1180	32mm dia	Each	65.90
M-1181	25mm dia	Each	32.70
M-1182	20mm dia	Each	19.10
M-1183	15mm dia	Each	15.90
	<b>e. Union</b>		
M-1184	50mm dia	Each	666.00

Unique Code	Description of Materials	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1185	40mm dia	Each	369.00
M-1186	32mm dia	Each	223.40
M-1187	25mm dia	Each	138.70
M-1188	20mm dia	Each	109.90
M-1189	15mm dia	Each	70.50
	<b>f. Nipple</b>		
M-1190	50mm dia	Each	441.00
M-1191	40mm dia	Each	279.80
M-1192	32mm dia	Each	191.60
M-1193	25mm dia	Each	122.70
M-1194	20mm dia	Each	80.90
M-1195	15mm dia	Each	73.70
<b>Note:</b>	The Basic Rate adopted under this Head, "Annexure-VI – Rates of Other Construction Materials" is exclusive of all taxes and GST.		

  
 Engineer-in-Chief &  
 Chief Engineer (General),  
 PWD, Chennai-5.  
 28/4/23

# 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.

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>RATES FOR MATERIALS: ELECTRICAL LAMPS, FITTINGS AND CONNECTED ACCESSORIES.</b>		
<b>I</b>	<b>PART "A"</b>		
<b>1</b>	<b>INCANDESCENT BULBS 230V/250V GRADE BC/ES WITH ISI</b>		
M-1196	15 Watts	Each	9.45
M-1197	25 Watts	Each	9.45
M-1198	40 Watts	Each	9.45
M-1199	60 Watts	Each	9.45
M-1200	100 Watts	Each	9.45
M-1201	200 Watts	Each	19.05
<b>2</b>	<b>INCANDESCENT BULB 230V/250V GRADE BC/ES</b>		
M-1202	Colour 15 Watts	Each	11.70
M-1203	Blended Lamp 160 Watts	Each	232.60
<b>3</b>	<b>PL LAMP</b>		
M-1204	9 Watts	Each	72.40
M-1205	11 Watts	Each	77.00
M-1206	18 Watts	Each	121.50
M-1207	36 Watts	Each	135.20
<b>4</b>	<b>FLUORESCENT TUBULAR LAMPS WITH ISI MARK</b>		
M-1208	Cool Day Light 2 Ft. 20 Watts	Each	36.20
M-1209	Cool Day Light 4 Ft. 40 Watts	Each	36.20
M-1210	Cool Day Light 4 Ft. 36 Watts	Each	35.40
<b>5</b>	<b>CRYSTAL GLASS LED TUBE LIGHT FITTING</b>		
M-1211	4' 18W Crystal Glass LED Tube Light Fitting	Each	391.00
<b>6</b>	<b>MERCURY VAPOUR DISCHARGE LAMP 230V GRADE 3 PIN BC</b>		
M-1212	80 Watts	Each	167.00
M-1213	125 Watts	Each	175.40
M-1214	250 Watts	Each	428.00
M-1215	400 Watts	Each	602.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
<b>7</b>	<b>BOX TYPE SINGLE FLUORESCENT FITTING WITH COPPER CHOKE AND CONDENSOR COMPLETE WITH ISI MARK</b>		
M-1216	4 Ft. 40 Watts with Ballast (Lower End)	Each	309.00
M-1217	4 Ft. 40 Watts with Ballast (Higher End)	Each	454.00
<b>8</b>	<b>BOX TYPE TWIN FLUORESCENT FITTING WITH COPPER CHOKE AND CONDENSOR (HPF) COMPLETE WITH ISI MARK</b>		
M-1218	4 Ft. 40 Watts with Ballast (Lower End)	Each	579.00
M-1219	4 Ft. 40 Watts with Ballast (Higher End)	Each	758.00
<b>9</b>	<b>INDUSTRIAL TYPE FLUORESCENT FITTING STOVE ENAMELLED WITH COPPER CHOKE AND CONDENSOR (HPF) 4' 40 W</b>		
M-1220	Single type suitable for 1 No. Tube	Each	855.00
M-1221	Twin type suitable for 2 Nos. Tube	Each	1050.00
<b>10</b>	<b>DECORATIVE TWIN FLUORESCENT TYPE FITTING WITH COPPER CHOKE &amp; CONDENSOR COMPLETE SUITABLE FOR 2 Nos. FLUORESCENT TUBES</b>		
M-1222	4' 40 W Twin Mirror Optic Recessed Mounting Type Fitting (Lower End)	Each	1474.00
M-1223	4' 40 W Twin Mirror Optic Recessed Mounting Type Fitting (Higher End)	Each	1949.00
M-1224	4' 40 W Twin Mirror Optic Suspension Type Fitting	Each	2658.00
<b>11</b>	<b>SINGLE TYPE STREET LIGHT FLUORESCENT FITTING SUITABLE FOR THE ONE No. FLUORESCENT TUBE WITH COPPER CHOKE &amp; CONDENSOR COMPLETE</b>		
M-1225	4 Ft. 40 Watts Type	Each	648.00
<b>12</b>	<b>TWIN TYPE STREET LIGHT FLUORESCENT FITTING SUITABLE FOR 2 Nos. FLUORESCENT TUBES WITH COPPER CHOKE &amp; CONDENSOR COMPLETE</b>		
M-1226	4 Ft. 40 Watts Type	Each	872.00
<b>13</b>	<b>POST TOP LANTERN FITTING OF INTEGRAL TYPE WITH COPPER CHOKE &amp; CONDENSOR &amp; NECESSARY ACCESSORIES (SPHERICAL / RIBBED / CONICAL ACRYLIC COVER)</b>		
M-1227	Suitable for 125 Watts MV Lamp	Each	3141.00
M-1228	Suitable for 70 Watts SV Lamp	Each	3310.00
M-1229	Post top lantern fitting with SC holder suitable for 160W Blended Lamp / Incandescent Lamp	Each	1807.00
<b>14</b>	<b>CFL STREET LIGHT FITTINGS - HIGHER END (COMPACT FLOURESCENT LAMP)</b>		
M-1230	T5 Street Light (IP65) with EB / 4 x 14W T5	Each	3742.00
M-1231	T5 Street Light (IP65) with EB / 4 x 24W T5	Each	4135.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1232	1 x 9W CFL Street Light	Each	861.00
M-1233	1 x 11W CFL Street Light	Each	861.00
M-1234	1 x 13W CFL Street Light	Each	866.00
M-1235	1 x 18W CFL Street Light	Each	866.00
M-1236	2 x 9W CFL Street Light	Each	825.00
M-1237	2 x 11W CFL Street Light	Each	1007.00
M-1238	2 x 13W CFL Street Light	Each	1007.00
M-1239	2 x 18W CFL Street Light	Each	1007.00
M-1240	1 x 36W CFL Street Light	Each	1030.00
M-1241	45-1 x 45W 4U Retro CFL B22 Street Light	Each	961.00
M-1242	CFL - 1 x 85W CFL E27 Street Light	Each	1560.00
M-1243	CFL - 1 x 85W CFL B22 Street Light	Each	1560.00
M-1244	36WFP-LHF(MS) Street Light	Each	1626.00
M-1245	36WFP-LHF(AL) Street Light	Each	1807.00
M-1246	T5 1 x 24W FTL T5 Street Light	Each	1686.00
M-1247	T5 2 x 14W FTL T5 Street Light	Each	1863.00
M-1248	T5 2 x 24W FTL T5 Street Light	Each	1954.00
M-1249	FTL 1 x 36 / 40W FTL Street Light	Each	1353.00
M-1250	FTL 2 x 36 / 40W FTL Street Light	Each	1929.00
<b>14</b>	<b>CFL STREET LIGHT FITTINGS - LOWER END (COMPACT FLOURESCENT LAMP)</b>		
M-1251	T5 Street Light (IP65) with EB / 4 x 14W T5	Each	2993.00
M-1252	T5 Street Light (IP65) with EB / 4 x 24W T5	Each	3307.00
M-1253	1 x 9W CFL Street Light	Each	687.00
M-1254	1 x 11W CFL Street Light	Each	687.00
M-1255	1 x 13W CFL Street Light	Each	687.00
M-1256	1 x 18W CFL Street Light	Each	690.00
M-1257	2 x 9W CFL Street Light	Each	659.00
M-1258	2 x 11W CFL Street Light	Each	806.00
M-1259	2 x 13W CFL Street Light	Each	806.00
M-1260	2 x 18W CFL Street Light	Each	806.00
M-1261	1 x 36W CFL Street Light	Each	824.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1262	45-1 x 45W 4U Retro CFL B22 Street Light	Each	770.00
M-1263	CFL - 1 x 85W CFL E27 Street Light	Each	1252.00
M-1264	CFL - 1 x 85W CFL B22 Street Light	Each	1252.00
M-1265	36WFP-LHF(MS) Street Light	Each	1299.00
M-1266	36WFP-LHF(AL) Street Light	Each	1442.00
M-1267	T5 1 x 24W FTL T5 Street Light	Each	1348.00
M-1268	T5 2 x 14W FTL T5 Street Light	Each	1494.00
M-1269	T5 2 x 24W FTL T5 Street Light	Each	1564.00
M-1270	FTL 1 x 36 / 40W FTL Street Light	Each	1082.00
M-1271	FTL 2 x 36 / 40W FTL Street Light	Each	1543.00
<b>15</b>	<b>4 FEET LED FITTING - HIGHER END</b>		
M-1272	18W 4 Feet LED Fitting with LED	Each	761.00
M-1273	20W 4 Feet LED Fitting with LED	Each	772.00
<b>15</b>	<b>4 FEET LED FITTING - LOWER END</b>		
M-1274	18W 4 Feet LED Fitting with LED	Each	648.00
M-1275	20W 4 Feet LED Fitting with LED	Each	756.00
M-1276	1 x 18W / 22W 4 Feet LED Fitting without LED Tube	Each	301.00
M-1277	2 x 22W 4 Feet LED Fitting without LED Tube	Each	351.00
M-1278	20W LED Tube Light for T8 Fitting (Single Side)	Each	618.00
M-1279	20W LED Tube Light for T8 Fitting (Double Side)	Each	382.00
M-1280	18W LED Tube Light for T8 Fitting (Single Side)	Each	609.00
M-1281	18W LED Tube Light for T8 Fitting (Double Side)	Each	374.00
M-1282	7W / 9W LED Bulb	Each	135.00
M-1283	15W LED Bulb	Each	270.00
<b>16</b>	<b>LED INDOOR FITTINGS (LIGHT EMITTING DIODE) HIGHER END</b>		
M-1284	24W LED 4000K 2 x 2 Square Type Recessed Fitting with LED	Each	3543.00
M-1285	18W LED 3000K Square Type Recessed Fitting with LED	Each	1384.00
M-1286	18W LED 3000K Round Type Recessed Fitting with LED	Each	1258.00
<b>16</b>	<b>LED INDOOR FITTINGS (LIGHT EMITTING DIODE) LOWER END</b>		
M-1287	24W LED 4000K 2 x 2 Square Type Recessed Fitting with LED	Each	2511.00
M-1288	18W LED 3000K Square Type Recessed Fitting with LED	Each	913.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1289	18W LED 3000K Round Type Recessed Fitting with LED	Each	992.00
<b>17</b>	<b>LED OUTDOOR FITTINGS (LIGHT EMITTING DIODE) HIGHER END</b>		
M-1290	30W LED Street Light Fitting with LED	Each	2527.00
M-1291	48W LED Street Light Fitting with LED	Each	4992.00
M-1292	80W LED Focus Light Fitting with LED	Each	11890.00
M-1293	120W LED Street Light Fitting with LED	Each	14050.00
M-1294	150W LED Street Light Fitting with LED	Each	17520.00
<b>18</b>	<b>LED OUTDOOR FITTINGS (LIGHT EMITTING DIODE) LOWER END</b>		
M-1295	25W LED Street Light Fitting with LED	Each	1193.00
M-1296	30W LED Street Light Fitting with LED	Each	1856.00
M-1297	60W LED Street Light Fitting with LED	Each	3669.00
M-1298	120W LED Street Light Fitting with LED	Each	11890.00
M-1299	150W LED Street Light Fitting with LED	Each	14050.00
<b>19</b>	<b>LED FLOOD LIGHT - HIGHER END</b>		
M-1300	LED Flood Light 100W with Integrated Driver	Each	9468.00
M-1301	LED Flood Light 120W with Integrated Driver	Each	10365.00
M-1302	LED Flood Light 150W with Integrated Driver	Each	13060.00
<b>20</b>	<b>TIMER SWITCHES</b>		
M-1303	24 Hours Analog Timer Switch with Shortest Switching Time 30 Minutes	Each	2304.00
M-1304	24 Hours Programmable Timer Switch with Shortest Switching Time 15 Minutes	Each	2448.00
M-1305	Digital Weekly Programmable Timer Switch with Shortest Switching Time 1 Minute	Each	2294.00
M-1306	Astronomical Weekly Programmable Timer Switch	Each	2641.00
M-1307	Staircase Light Timer Switch Adjustable Range 5 to 20 Minutes	Each	1213.00
M-1308	63A 3 Phase 4 Pole Contactor		5381.00
<b>22</b>	<b>STARTERS FOR FLUORESCENT TUBES</b>		
M-1309	Starters of capacity 20 Watts	Each	9.45
M-1310	Starters of capacity 40 Watts / 36 Watts	Each	9.45
<b>23</b>	<b>POLYSTER FILLED COPPER CHOKE 250V / 50HZ GRADE SUITABLE FOR</b>		
M-1311	20 Watts Fluorescent Tube	Each	206.50

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1312	40 Watts Fluorescent Tube	Each	206.50
M-1313	36 / 40W Electronic Ballast for Fluorescent Tube (Higher End)	Each	342.40
M-1314	36 / 40W Electronic Ballast for Fluorescent Tube (Lower End)	Each	279.20
<b>24</b>	<b>CONDENSOR FOR SV / MV LAMP</b>		
M-1315	8 Mfd for 80 Watts Bulb	Each	104.40
M-1316	10 Mfd for 125 Watts Bulb	Each	125.00
M-1317	15 Mfd for 250 Watts Bulb	Each	166.50
M-1318	20 Mfd for 400 Watts Bulb	Each	230.30
M-1319	Battern Type Bakelite Holder for Lamp	Each	16.65
M-1320	Water Tight Bulk Head Fitting suitable for 100 / 60 Watts Lamp with Guard Heavy Type	Each	277.60
M-1321	Ceiling Rose	Each	13.80
M-1322	Ceiling Fixtures 250 / 300mm complete with gallery, etc. Clear Glass Opac / Crystal suitable for 40 / 60 Watts Bulb	Each	164.00
M-1323	Ceiling Luminaire with Mirror Optics suitable for 2 Nos. 9 Watts / 11 Watts	Each	1039.00
	<b>(For Unique Code M-1261 to M-1271, M-1322 &amp; M-1323, the rates are exclusive of cost of Tubes and Lamps)</b>		
M-1324	Fan Clamp (Dia 12mm) with 6mm MS Side Plates & 45cm Cross Arm	Each	110.90
<b>25</b>	<b>CALL BELLS</b>		
M-1325	Call Bell / Buzzer 6mm suitable for AC / DC	Each	41.70
M-1326	Push Bell	Each	16.65
M-1327	Gong Bell 9" size suitable for 250V	Each	417.00
M-1328	Gong Bell 12" size suitable for 250V	Each	602.00
<b>26</b>	<b>WATER HEATER WITH ISI MARK</b>		
M-1329	Automatic Electrical Water Heater with copper container, with Glass Wool / Puf Insulation with MS powder coated shell suitable for 25 Litres capacity 230V / 1000W (Higher End)	Each	8256.00
M-1330	Automatic Electrical Water Heater with copper container, with Glass Wool / Puf Insulation with MS powder coated shell suitable for 25 Litres capacity 230V / 1000W (Lower End)	Each	6112.00
M-1331	Automatic Electrical Water Heater with copper container, with Glass Wool / Puf Insulation with MS powder coated shell suitable for 35 Litres capacity 230V / 1000W (Higher End)	Each	9481.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1332	Automatic Electrical Water Heater with copper container, with Glass Wool / Puf Insulation with MS powder coated shell suitable for 35 Litres capacity 230V / 1000W (Lower End)	Each	7081.00
<b>II</b>	<b>PART "B"</b>		
<b>1</b>	<b>FANS - CONFORMING TO ISS</b>		
M-1333	AC Ceiling Fan complete 1200 mm (48") Sweep with 300mm Down Rod (without Regulator)	Each	1366.00
M-1334	AC Ceiling Fan Complete 1400 mm (56") Sweep with 300mm Down Rod (without Regulator)	Each	1465.00
M-1335	Stepped Electronic 300W / 450W Square Type Fan Regulator	Each	232.60
M-1336	Dimmer Type Electronic 300W / 450W Square Type Fan Regulator	Each	185.90
M-1337	AC Ceiling Fan complete 1200mm (48") Sweep with 300mm Down Rod (without Regulator) (Higher End)	Each	1549.00
M-1338	AC Ceiling Fan complete 1400mm (56") Sweep with 300mm Down Rod (without Regulator) (Higher End)	Each	1671.00
<b>2</b>	<b>EXHAUST FANS</b>		
M-1339	AC Exhaust Fan 225mm (9") Sweep (Light Duty)	Each	1265.00
M-1340	AC Exhaust Fan 300mm (12") Sweep (Light Duty)	Each	1447.00
M-1341	AC Exhaust Fan 375mm (15") Sweep (Light Duty)	Each	1492.00
M-1342	AC Exhaust Fan 450mm (18") Sweep (Light Duty)	Each	2100.00
M-1343	AC Exhaust Fan 300mm (12") Sweep (Heavy Duty)	Each	2160.00
M-1344	AC Exhaust Fan 375mm (15") Sweep (Heavy Duty)	Each	2758.00
M-1345	AC Exhaust Fan 450mm (18") Sweep (Heavy Duty)	Each	3430.00
<b>3</b>	<b>LOUVER SHUTTERS ARRANGEMENTS</b>		
M-1346	MS / Fibre Louvers Shutters arrangements for 300mm AC Exhaust Fan	Each	222.90
M-1347	MS / Fibre Louvers Shutters arrangements for 375mm AC Exhaust Fan	Each	236.20
M-1348	MS / Fibre Louvers Shutters arrangements for 450mm AC Exhaust Fan	Each	264.30
<b>4</b>	<b>CEILING FAN</b>		
M-1349	48" Ceiling Fan 5 Star Rated (without Regulator) <b>HIGHER END</b>	Each	1746.00
M-1350	48" Ceiling Fan 5 Star Rated (without Regulator) <b>LOWER END</b>	Each	1553.00
M-1351	48" Ceiling Fan High Speed (without Regulator)	Each	1736.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1352	56" Ceiling Fan High Speed (without Regulator)	Each	2498.00
M-1353	BEE Energy efficient 1200mm Sweep Ceiling Fan 5 Star Rated, inverter driven controlled by microprocessor with 300mm down rod with regulator / remote control (35 W)	Each	3140.00
<b>5</b>	<b>WALL MOUNTING FAN</b>		
M-1354	300mm Sweep	Each	2592.00
M-1355	400mm Sweep	Each	2721.00
M-1356	450mm Sweep	Each	4455.00
<b>6</b>	<b>DIMMER AND REGULATOR</b>		
M-1357	Fan Step Regulator 100W - 1 Module - HIGHER END	Each	341.00
M-1358	Fan Step Regulator 100W - 1 Module - LOWER END	Each	245.00
M-1359	Fan Step Regulator 100W - 2 Module - HIGHER END	Each	388.00
M-1360	Fan Step Regulator 100W - 2 Module - LOWER END	Each	279.00
<b>III</b>	<b>PART "C"</b>		
<b>1</b>	<b>SWITCHES</b>		
M-1361	5 Amps (Flush Type)	Dozen	194.50
M-1362	5 Amps (Flush Type Staircase)	Dozen	241.30
<b>2</b>	<b>DOUBLE POLE SWITCHES</b>		
M-1363	16 Amps DP Switch with Metal Clad (Front Handle)	Each	417.00
M-1364	32 Amps DP Switch with Metal Clad (Front Handle)	Each	855.00
M-1365	16 Amps DP Switch with Metal Clad (Side Handle)	Each	344.00
M-1366	32 Amps DP Switch with Metal Clad (Side Handle)	Each	775.00
<b>3</b>	<b>TRIPLE POLE SWITCHES (SIDE HANDLE)</b>		
M-1367	100 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	5870.00
M-1368	125 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	6436.00
M-1369	200 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	8320.00
M-1370	315 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	11800.00
M-1371	400 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	15190.00
M-1372	16 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	889.00
M-1373	32 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	1315.00
M-1374	63 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	2866.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1375	100 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	5643.00
M-1376	200 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	8568.00
<b>4</b>	<b>SWITCH DISCONNECTOR FUSE UNITS IN SHEET STEEL ENCLOSURE (SDF)</b>		
M-1377	63A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	3625.00
M-1378	100A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	6098.00
M-1379	125A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	7200.00
M-1380	200A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	9044.00
M-1381	250A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	11275.00
M-1382	315A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	13520.00
M-1383	400A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	15510.00
<b>5</b>	<b>SWITCH DISCONNECTOR FUSE UNITS IN OPEN EXECUTION (INTERIOR FOR CUBICAL)</b>		
M-1384	63A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	2395.00
M-1385	100A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	4357.00
M-1386	125A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	5943.00
M-1387	200A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	7669.00
M-1388	250A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	9990.00
M-1389	315A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	12560.00
M-1390	400A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	14820.00
<b>6</b>	<b>FUSE UNITS</b>		
M-1391	16 Amps Porcelain Fuse Unit (500V)	Each	48.05
M-1392	32 Amps Porcelain Fuse Unit (500V)	Each	85.20
M-1393	63 Amps Porcelain Fuse Unit (500V)	Each	190.20
M-1394	100Amps Porcelain Fuse Unit (500V)	Each	343.70
M-1395	200 Amps Porcelain Fuse Unit (500V)	Each	555.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
<b>7</b>	<b>SINGLE PHASE DBS</b>		
M-1396	4 Way DB 16 Amps / Way with Fuse & Neutral each (250V)	Each	462.00
M-1397	6 Way DB 16 Amps / Way with Fuse & Neutral each (250V)	Each	631.00
M-1398	8 Way DB 16 Amps / Way with Fuse & Neutral each (250V)	Each	780.00
<b>8</b>	<b>THREE PHASE DBS</b>		
M-1399	4 Way TPDB 16A / Way with Fuse & Neutral Link	Each	1827.00
M-1400	6 Way TPDB 16A / Way with Fuse & Neutral Link	Each	2502.00
M-1401	8 Way TPDB 16A / Way with Fuse & Neutral Link	Each	3027.00
M-1402	4 Way TPDB 32A / Way with Fuse & Neutral Link	Each	2311.00
M-1403	6 Way TPDB 32A / Way with Fuse & Neutral Link	Each	3093.00
M-1404	8 Way TPDB 32A / Way with Fuse & Neutral Link	Each	3912.00
M-1405	4 Way TPDB 63A / Way with Fuse & Neutral Link	Each	5411.00
M-1406	6 Way TPDB 63A / Way with Fuse & Neutral Link	Each	6960.00
<b>9</b>	<b>CHANGE OVER SWITCHES</b>		
M-1407	16 Amps Three Phase 500V 4 Pole Change Over Switch	Each	1258.00
M-1408	32 Amps Three Phase 500V 4 Pole Change Over Switch	Each	1490.00
M-1409	63 Amps Three Phase 500V 4 Pole Change Over Switch	Each	3257.00
M-1410	100 Amps Three Phase 500V 4 Pole Change Over Switch	Each	5178.00
M-1411	125 Amps Three Phase 500V 4 Pole Change Over Switch	Each	8938.00
M-1412	200 Amps Three Phase 500V 4 Pole Change Over Switch	Each	9743.00
M-1413	250 Amps Three Phase 4 Pole Change Over Switch	Each	20610.00
M-1414	400 Amps Three Phase 4 Pole Change Over Switch	Each	31500.00
<b>10</b>	<b>MODULAR SWITCHES - HIGHER END</b>		
<b>A</b>	<b>Switches 6A - 230V</b>		
M-1415	6A Switch 1W - 1 Module	Each	78.15
M-1416	6A Switch 2W - 1 Module	Each	95.50
M-1417	6A Switch 1W - 1 Module with Indicator	Each	105.00
M-1418	6A Switch 1W - 1 Module with 'Light' Marking	Each	84.30
M-1419	6A Switch 1W - 1 Module with 'Fan' Marking	Each	84.30
<b>B</b>	<b>Switches 16A - 230V</b>		
M-1420	16A Switch 1W - 1 Module	Each	117.90
M-1421	16A Switch 2W - 1 Module	Each	145.60

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1422	16A Switch 1W with Indicator - 1 Module	Each	138.60
<b>C</b>	<b>Switches 20A - 230V</b>		
M-1423	20A 1W Switch - 1 Module	Each	153.30
M-1424	20A DP 1W Switch - 2 Module	Each	255.90
M-1425	20A DP 1W Switch with Indicator - 2 Module	Each	269.60
<b>D</b>	<b>Switches 25A - 230V</b>		
M-1426	25A SP 1W Switch with Indicator - 1 Module	Each	166.80
<b>E</b>	<b>Switches 32A - 230V</b>		
M-1427	32A DP Switch with Indicator - 2 Module	Each	325.20
<b>10</b>	<b>MODULAR SWITCHES - LOWER END</b>		
<b>A</b>	<b>Switches 6A - 230V</b>		
M-1428	6A Switch 1W - 1 Module	Each	57.55
M-1429	6A Switch 2W - 1 Module	Each	67.80
M-1430	6A Switch 1W - 1 Module with Indicator	Each	74.90
M-1431	6A Switch 1W - 1 Module with 'Light' Marking	Each	60.00
M-1432	6A Switch 1W - 1 Module with 'Fan' Marking	Each	60.00
<b>B</b>	<b>Switches 16A - 230V</b>		
M-1433	16A Switch 1W - 1 Module	Each	84.30
M-1434	16A Switch 2W - 1 Module	Each	105.00
M-1435	16A Switch 1W with Indicator - 1 Module	Each	99.80
<b>C</b>	<b>Switches 20A - 230V</b>		
M-1436	20A 1W Switch - 1 Module	Each	110.10
M-1437	20A DP 1W Switch - 2 Module	Each	182.80
M-1438	20A DP 1W Switch with Indicator - 2 Module	Each	194.50
<b>D</b>	<b>Switches 25A - 230V</b>		
M-1439	25A SP 1W Switch with Indicator - 1 Module	Each	120.30
<b>E</b>	<b>Switches 32A - 230V</b>		
M-1440	32A DP Switch with Indicator - 2 Module	Each	235.80
<b>11</b>	<b>PUSH BUTTONS - HIGHER END</b>		
M-1441	6A Push Button SP - 1 Module	Each	105.70
M-1442	6A Push Button SP with Indicator - 1 Module	Each	137.40

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1443	6A Bell Push - 1 Module	Each	105.00
M-1444	6A Bell push with Indicator - 1 Module	Each	129.90
M-1445	6A Bell Push - 2 Module	Each	137.30
M-1446	6A Bell Push with Indicator - 2 Module	Each	161.60
<b>11</b>	<b>PUSH BUTTONS - LOWER END</b>		
M-1447	6A Push Button SP - 1 Module	Each	76.50
M-1448	6A Push Button SP with Indicator - 1 Module	Each	98.90
M-1449	6A Bell Push - 1 Module	Each	74.90
M-1450	6A Bell push with Indicator - 1 Module	Each	93.00
M-1451	6A Bell Push - 2 Module	Each	98.90
M-1452	6A Bell Push with Indicator - 2 Module	Each	116.20
<b>12</b>	<b>MOTOR STARTER</b>		
M-1453	25A Motor Starter - 2 Module - HIGHER END	Each	301.70
M-1454	25A Motor Starter - 2 Module - LOWER END	Each	217.20
<b>13</b>	<b>FLUSH MOUNTING BOXES (GI) - HIGHER END</b>		
M-1455	Flush Box - 1/2 Module	Each	38.00
M-1456	Flush Box - 3 Module	Each	44.60
M-1457	Flush Box - 4 Module	Each	54.40
M-1458	Flush Box - 6 Module	Each	85.30
M-1459	Flush Box - 8 Module	Each	104.70
M-1460	Flush Box - 8 Module (2 row x 4)	Each	105.50
M-1461	Flush Box - 12/16 (2 row x 6) Module Metal Box	Each	141.40
M-1462	Flush Box - 18 Module Metal Box	Each	160.80
<b>13</b>	<b>FLUSH MOUNTING BOXES (GI) - LOWER END</b>		
M-1463	Flush Box - 1/2 Module	Each	27.50
M-1464	Flush Box - 3 Module	Each	32.40
M-1465	Flush Box - 4 Module	Each	38.90
M-1466	Flush Box - 6 Module	Each	61.70
M-1467	Flush Box - 8 Module	Each	75.50
M-1468	Flush Box - 8 Module (2 row x 4)	Each	76.30
M-1469	Flush Box - 12/16 (2 row x 6) Module Metal Box	Each	101.60
M-1470	Flush Box - 18 Module Metal Box	Each	115.40

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
<b>14</b>	<b>SURFACE MOUNTING BOXES (PLASTIC) - HIGHER END</b>		
M-1471	Surface Box - 1/2 Module	Each	43.00
M-1472	Surface Box - 3 Module	Each	45.45
M-1473	Surface Box - 4 Module	Each	58.60
M-1474	Surface Box - 6 Module	Each	76.10
M-1475	Surface Box - 8 Module	Each	92.80
M-1476	Surface Box - 8 (2 row x 4) Module	Each	107.60
M-1477	Metal Surface Box - 12/16 (2 row x 6) Module	Each	163.20
M-1478	Metal Surface Box - 18 Module	Each	208.00
<b>14</b>	<b>SURFACE MOUNTING BOXES (PLASTIC) LOWER END</b>		
M-1479	Surface Box - 1/2 Module	Each	30.60
M-1480	Surface Box - 3 Module	Each	33.00
M-1481	Surface Box - 4 Module	Each	42.10
M-1482	Surface Box - 6 Module	Each	55.40
M-1483	Surface Box - 8 Module	Each	67.00
M-1484	Surface Box - 8 (2 row x 4) Module	Each	77.70
M-1485	Metal Surface Box - 12/16 (2 row x 6) Module	Each	117.20
M-1486	Metal Surface Box - 18 Module	Each	149.10
<b>15</b>	<b>COMBINED PLATES (PLASTIC) - HIGHER END</b>		
M-1487	1 Module Cover Plate	Each	63.70
M-1488	2 Module Cover Plate	Each	67.00
M-1489	3 Module Cover Plate	Each	81.10
M-1490	4 Module Cover Plate	Each	90.10
M-1491	6 Module Cover Plate	Each	126.70
M-1492	8 Module Cover Plate	Each	161.50
M-1493	8 Module Cover Plate (H)	Each	162.30
M-1494	12 Module Cover Plate	Each	202.20
M-1495	18 Module Cover Plate	Each	255.40
<b>15</b>	<b>COMBINED PLATES (PLASTIC) - LOWER END</b>		
M-1496	1 Module Cover Plate	Each	46.20
M-1497	2 Module Cover Plate	Each	47.80
M-1498	3 Module Cover Plate	Each	57.70

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1499	4 Module Cover Plate	Each	64.50
M-1500	6 Module Cover Plate	Each	91.00
M-1501	8 Module Cover Plate	Each	115.90
M-1502	8 Module Cover Plate (H)	Each	137.30
M-1503	12 Module Cover Plate	Each	145.90
M-1504	18 Module Cover Plate	Each	183.10
<b>16</b>	<b>COMBINED PLATES (ALUMINIUM) - HIGHER END</b>		
M-1505	1 Module Cover Plate	Each	144.50
M-1506	2 Module Cover Plate	Each	151.90
M-1507	3 Module Cover Plate	Each	164.80
M-1508	4 Module Cover Plate	Each	186.00
M-1509	6 Module Cover Plate	Each	316.20
M-1510	8 Module Cover Plate	Each	349.20
M-1511	8 Module Cover Plate (H)	Each	444.00
M-1512	12 Module Cover Plate	Each	577.00
M-1513	18 Module Cover Plate	Each	760.80
<b>16</b>	<b>COMBINED PLATES (ALUMINIUM) - LOWER END</b>		
M-1514	1 Module Cover Plate	Each	104.00
M-1515	2 Module Cover Plate	Each	106.10
M-1516	3 Module Cover Plate	Each	118.80
M-1517	4 Module Cover Plate	Each	133.40
M-1518	6 Module Cover Plate	Each	228.50
M-1519	8 Module Cover Plate	Each	252.60
M-1520	8 Module Cover Plate (H)	Each	319.60
M-1521	12 Module Cover Plate	Each	416.00
M-1522	18 Module Cover Plate	Each	547.50
<b>17</b>	<b>SOCKET - 230V - HIGHER END</b>		
M-1523	16A 3 Pin Switched Socket - 3 Module	Each	387.60
M-1524	6A 5 pin Universal Socket - 2 Module	Each	120.30
M-1525	6/16A Socket - 3 Module	Each	218.20
M-1526	6/16A Socket - 2 Module	Each	185.30

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
<b>17</b>	<b>SOCKET - 230V - LOWER END</b>		
M-1527	16A 3 Pin Switched Socket - 3 Module	Each	279.90
M-1528	6A 5 pin Universal Socket - 2 Module	Each	87.40
M-1529	6/16A Socket - 3 Module	Each	157.40
M-1530	6/16A Socket - 2 Module	Each	132.80
<b>IV</b>	<b>PART "D"</b>		
<b>1</b>	<b>PLUG AND SOCKETS</b>		
M-1531	5 Amps 3 Pin & 2 Pin Combined Flush Type Wall Socket only	Each	24.10
M-1532	5 Amps / 15 Amps 3 Pin Flush Type Wall Socket only	Each	54.50
M-1533	5 Amps 3 Pin Top	Each	34.20
M-1534	15 Amps 3 Pin Top	Each	48.45
M-1535	15 Amps Flush Type Switch	Each	56.55
M-1536	10 Amps MC Plug with 3 Pin Top	Each	180.70
M-1537	20 Amps MC Plug with 3 Pin Top	Each	206.00
M-1538	25A Flush type Wall Socket with 25A DP MCB for AC Plug	Each	811.00
<b>2</b>	<b>SINGLE PHASE WATT HOUR METERS</b>		
M-1539	AC Single Phase 230V / 250V, 50HZ 5 Amps Watt Hour Meter	Each	963.50
M-1540	AC Single Phase 230V / 250V, 50HZ 10 Amps Watt Hour Meter	Each	963.50
M-1541	AC Single Phase 230V / 250V, 50HZ 20 Amps Watt Hour Meter	Each	963.50
<b>3</b>	<b>THREE PHASE WATT HOUR METERS</b>		
M-1542	AC 3 Phase 400V 50HZ unbalanced load 4 Wire 10 Amps Watt Hour Meter	Each	1987.00
M-1543	AC 3 Phase 400V 50HZ unbalanced load 4 Wire 25 Amps Watt Hour Meter	Each	1987.00
M-1544	AC 3 Phase 400V 50HZ unbalanced load 4 Wire 50 Amps Watt Hour Meter	Each	2516.00
<b>V</b>	<b>PART "E"</b>		
<b>1</b>	<b>SERVICE CONNECTION ACCESSORIES L.T. 1100V PVC ALUMINIUM ARMoured UNDER GROUND CABLE WITH ISI MARK</b>		
M-1545	2 core 6 sq.mm. PVC Armoured UG Cable	Metre	97.90
M-1546	2 core 10 sq.mm. PVC Armoured UG Cable	Metre	119.20
M-1547	2 core 16 sq.mm. PVC Armoured UG Cable	Metre	129.40
M-1548	2 core 25 sq.mm. PVC Armoured UG Cable	Metre	146.90

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1549	3 <sup>1</sup> / <sub>2</sub> core 25 sq.mm. PVC Armoured UG Cable	Metre	221.60
M-1550	3 <sup>1</sup> / <sub>2</sub> core 35 sq.mm. PVC Armoured UG Cable	Metre	260.90
M-1551	3 <sup>1</sup> / <sub>2</sub> core 50 sq.mm. PVC Armoured UG Cable	Metre	339.80
M-1552	3 <sup>1</sup> / <sub>2</sub> core 70 sq.mm. PVC Armoured UG Cable	Metre	436.00
M-1553	3 <sup>1</sup> / <sub>2</sub> core 95 sq.mm. PVC Armoured UG Cable	Metre	564.00
M-1554	3 <sup>1</sup> / <sub>2</sub> core 120 sq.mm. PVC Armoured UG Cable	Metre	689.00
M-1555	3 <sup>1</sup> / <sub>2</sub> core 150 sq.mm. PVC Armoured UG Cable	Metre	816.00
M-1556	3 <sup>1</sup> / <sub>2</sub> core 185 sq.mm. PVC Armoured UG Cable	Metre	996.00
M-1557	3 <sup>1</sup> / <sub>2</sub> core 240 sq.mm. PVC Armoured UG Cable	Metre	1263.00
M-1558	3 <sup>1</sup> / <sub>2</sub> core 300 sq.mm. PVC Armoured UG Cable	Metre	1550.00
M-1559	3 <sup>1</sup> / <sub>2</sub> core 400 sq.mm. PVC Armoured UG Cable	Metre	1977.00
M-1560	4 core 6 sq.mm. PVC Armoured UG Cable	Metre	126.90
M-1561	4 core 10 sq.mm. PVC Armoured UG Cable	Metre	139.10
M-1562	4 core 16 sq.mm. PVC Armoured UG Cable	Metre	183.20
<b>2</b>	<b>PVC INSULATED SINGLE CORE MULTI STRAND FIRE RETARDANT FLEXIBLE COPPER CABLE WITH ISI MARK CONFORMING TO IS</b>		
M-1563	14 / 0.3 (1.0 sq.mm.)	Metre	10.45
M-1564	22 / 0.3 (1.5 sq.mm.)	Metre	16.55
M-1565	36 / 0.3 (2.5 sq.mm.)	Metre	25.75
M-1566	56 / 0.3 (4 sq.mm.)	Metre	40.95
M-1567	84 / 0.3 (6 sq.mm.)	Metre	60.65
M-1568	140 / 0.3 (10 sq.mm.)	Metre	91.25
M-1569	101 / 0.45 (16 sq.mm.)	Metre	149.25
M-1570	168 / 0.45 (25 sq.mm.)	Metre	327.80
<b>3</b>	<b>CONDUCTOR</b>		
M-1571	Hard Drawn Copper Conductor (Gauge No. 8&6)	KG	615.00
M-1572	14 SWG TC Wire	KG	630.00
M-1573	GI No.8 Wire and No.6 Wire	KG	101.50
<b>4</b>	<b>CABLE GLANDS</b>		
M-1574	Cable Gland suitable for 2 core 4 sq.mm. UG Cable	Each	18.30
M-1575	Cable Gland suitable for 2 core 6 sq.mm. UG Cable	Each	22.90
M-1576	Cable Gland suitable for 2 core 10 sq.mm. UG Cable	Each	27.40

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1577	Cable Gland suitable for 2 core 16 sq.mm. UG Cable	Each	40.60
M-1578	Cable Gland suitable for 2 core 25 sq.mm. UG Cable	Each	48.45
M-1579	Cable Gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 25 sq.mm. UG Cable	Each	48.45
M-1580	Cable Gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 35 sq.mm. UG Cable	Each	61.70
M-1581	Cable Gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 50 sq.mm. UG Cable	Each	61.70
M-1582	Cable Gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 70 sq.mm. UG Cable	Each	76.10
M-1583	Cable Gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 95 sq.mm. UG Cable	Each	92.90
M-1584	Cable Gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 120 sq.mm. UG Cable	Each	118.30
M-1585	Cable Gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 150 sq.mm. UG Cable	Each	155.70
M-1586	Cable Gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 185 sq.mm. UG Cable	Each	184.20
M-1587	Cable Gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 240 sq.mm. UG Cable	Each	184.20
M-1588	Cable Gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 300 sq.mm. UG Cable	Each	219.90
M-1589	Cable Gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 400 sq.mm. UG Cable	Each	313.00
M-1590	Cable Gland suitable for 3 <sup>1</sup> / <sub>2</sub> core 500 sq.mm. UG Cable	Each	364.90
M-1591	Cable Gland suitable for 4 core 6 sq.mm. UG Cable	Each	22.90
M-1592	Cable Gland suitable for 4 core 10 sq.mm. UG Cable	Each	27.40
M-1593	Cable Gland suitable for 4 core 25 sq.mm. UG Cable	Each	48.45
<b>5</b>	<b>FUSE WIRE (COPPER)</b>		
M-1594	5 Amps Fuse Wire	KG	615.00
M-1595	10 Amps Fuse Wire	KG	615.00
M-1596	20 Amps Fuse Wire	KG	615.00
<b>6</b>	<b>NEUTRAL LINK 15 AMPS</b>		
M-1597	4 Way Neutral Link	Each	30.40
M-1598	6 Way Neutral Link	Each	45.10
M-1599	8 Way Neutral Link	Each	56.20
M-1600	12 Way Neutral Link	Each	81.80
<b>VI</b>	<b>PART "F"</b>		
<b>1</b>	<b>MS BOX WITH PAINTING (16 SWG)</b>		
M-1601	MS Box of size 100 x 100 x 75 mm	Each	51.10
M-1602	MS Box of size 150 x 100 x 75 mm	Each	70.70
M-1603	MS Box of size 200 x 150 x 75 mm	Each	115.10

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1604	MS Box complete with Lock & Key arrangements with painting of size 300 x 200 x 100mm	Each	348.00
M-1605	Synthetic Moulded Compound Box for Street Light	Each	947.00
<b>VII</b>	<b>PART "G"</b>		
<b>1</b>	<b>MS ANGLES</b>		
M-1606	1½"x1½"x¼" (37.5 x 37.5 x 6.24mm) (1M=3.25 kg)	KG	57.60
M-1607	1½" x 1½" x ½" (37.5 x 37.5 x 12.5mm)	KG	57.60
M-1608	2" x 2" x ½" (50 x 50 x 12.5mm)	KG	57.60
<b>2</b>	<b>ALUMINIUM FLAT</b>		
M-1609	Aluminium Flat (1" x ¼") (25 x 6.25mm)	KG	176.50
M-1610	Aluminium Flat (1" x ⅛")	KG	176.50
<b>3</b>	<b>COPPER FLAT</b>		
M-1611	Copper Flat (25 x 3mm)	KG	562.00
M-1612	Copper Flat (25 x 6mm)	KG	562.00
M-1613	Copper Flat (33 x 6mm)	KG	562.00
M-1614	Copper Flat (50 x 6mm)	KG	562.00
<b>4</b>	<b>POWER CAPACITOR</b>		
M-1615	Power capacitor for power factor improvement with oil filled with discharge resistance 3 phase 415 / 440V 50 HZ conforming to ISS with ISI marking	KVAR	318.00
M-1616	Plate Earthing	Each	11200.00
<b>VIII</b>	<b>PART "H"</b>		
<b>1</b>	<b>CONDUIT MATERIALS 16 GAUGE</b>		
M-1617	Conduit Pipe 16mm (5/8") Heavy Gauge	Metre	34.90
M-1618	Conduit Pipe 19mm (3/4") Heavy Gauge	Metre	36.20
M-1619	Conduit Pipe 25mm (1") Heavy Gauge	Metre	44.40
M-1620	Conduit Pipe 32mm (1¼") Heavy Gauge	Metre	58.50
M-1621	Conduit Pipe 38mm (1½") Heavy Gauge	Metre	68.90
<b>2</b>	<b>CONDUIT TEE BENDS</b>		
M-1622	Conduit Tee Bend 16mm (5/8")	Dozen	98.20
M-1623	Conduit Tee Bend 19mm (3/4")	Dozen	99.30
M-1624	Conduit Tee Bend 25mm (1")	Dozen	119.20
M-1625	Conduit Tee Bend 32mm (1¼")	Dozen	123.40
M-1626	Conduit Tee Bend 38mm (1½")	Dozen	153.80

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1627	Conduit Tee Bend 50mm (2")	Dozen	192.20
<b>3</b>	<b>CONDUIT BENDS - 16 GAUGE</b>		
M-1628	Conduit Solid Bend 16mm (5/8")	Dozen	93.00
M-1629	Conduit Solid Bend 19mm (3/4")	Dozen	103.50
M-1630	Conduit Solid Bend 25mm (1")	Dozen	122.30
M-1631	Conduit Solid Bend 32mm (1 <sup>1</sup> / <sub>4</sub> ")	Dozen	144.50
M-1632	Conduit Solid Bend 38mm (1 <sup>1</sup> / <sub>2</sub> ")	Dozen	205.00
M-1633	Conduit Solid Bend 50mm (2")	Dozen	251.00
<b>4</b>	<b>CONDUIT INSPECTION BEND-16 GAUGE</b>		
M-1634	Conduit Inspection Bend 16mm (5/8")	Dozen	93.00
M-1635	Conduit Inspection Bend 19mm (3/4")	Dozen	96.20
M-1636	Conduit Inspection Bend 25mm (1")	Dozen	123.40
M-1637	Conduit Inspection Bend 32mm (1 <sup>1</sup> / <sub>4</sub> ")	Dozen	148.70
M-1638	Conduit Inspection Bend 38mm (1 <sup>1</sup> / <sub>2</sub> ")	Dozen	192.50
M-1639	Conduit Inspection Bend 50mm (2")	Dozen	218.70
M-1640	Conduit Inspection Bend 65mm (2 <sup>1</sup> / <sub>2</sub> ")	Dozen	281.60
<b>5</b>	<b>HDPE PIPE</b>		
M-1641	HDPE Pipe 50mm / 38mm	RM	103.00
M-1642	HDPE Pipe 90mm / 76mm	RM	212.00
M-1643	HDPE Pipe 120mm / 103.50mm	RM	264.60
<b>6</b>	<b>CABLE TRAY</b>		
M-1644	GI Hot Dip / Powder Coated 16 SWG Cable Tray with 150mm width and 50mm height	RM	328.20
M-1645	GI Hot Dip / Powder Coated 16 SWG Cable Tray with 300mm width and 50mm height	RM	399.60
<b>IX</b>	<b>PART "I"</b>		
<b>1</b>	<b>PVC (RIGID) PIPES (1.8MM THICK) WITH ISI</b>		
M-1646	PVC Rigid Pipe 16mm (5/8")	Metre	13.75
M-1647	PVC Rigid Pipe 20mm (3/4")	Metre	20.00
M-1648	PVC Rigid Pipe 25mm (1")	Metre	29.80
M-1649	PVC Rigid Pipe 32mm (1 <sup>1</sup> / <sub>4</sub> ")	Metre	45.10
M-1650	PVC Rigid Pipe 40mm (1 <sup>1</sup> / <sub>2</sub> ")	Metre	64.40
M-1651	PVC Rigid Pipe 50mm (2")	Metre	96.60

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
<b>2</b>	<b>PVC RIGID BENDS</b>		
M-1652	PVC Rigid Bend 16mm (5/8")	Each	3.15
M-1653	PVC Rigid Bend 20mm (3/4")	Each	3.15
M-1654	PVC Rigid Bend 25mm (1")	Each	4.30
M-1655	PVC Rigid Bend 32mm (1 <sup>1</sup> / <sub>4</sub> ")	Each	7.65
M-1656	PVC Rigid Bend 40mm (1 <sup>1</sup> / <sub>2</sub> ")	Each	19.30
M-1657	PVC Rigid Bend 50mm (2")	Each	23.60
<b>3</b>	<b>PVC COUPLES</b>		
M-1658	PVC Couples 16mm (5/8")	Dozen	13.85
M-1659	PVC Couples 19mm (3/4")	Dozen	13.85
M-1660	PVC Couples 25mm (1")	Dozen	26.95
M-1661	PVC Couples 32mm (1 <sup>1</sup> / <sub>4</sub> ")	Dozen	61.85
M-1662	PVC Couples 38mm (1 <sup>1</sup> / <sub>2</sub> ")	Dozen	132.50
M-1663	PVC Couples 50mm (2")	Dozen	138.30
<b>4</b>	<b>PVC TEES</b>		
M-1664	PVC Tee 16mm (5/8")	Dozen	13.85
M-1665	PVC Tee 19mm (3/4")	Dozen	16.05
M-1666	PVC Tee 25mm (1")	Dozen	20.55
M-1667	PVC Tee 32mm (1 <sup>1</sup> / <sub>4</sub> ")	Dozen	92.30
M-1668	PVC Tee 38mm (1 <sup>1</sup> / <sub>2</sub> ")	Dozen	296.30
M-1669	PVC Tee 50mm (2")	Dozen	324.40
<b>5</b>	<b>PVC SADDLES</b>		
M-1670	PVC Saddles 16mm (5/8")	Dozen	3.15
M-1671	PVC Saddles 19mm (3/4")	Dozen	3.60
M-1672	PVC Saddles 25mm (1")	Dozen	4.20
M-1673	PVC Saddles 32mm (1 <sup>1</sup> / <sub>4</sub> ")	Dozen	5.25
M-1674	PVC Saddles 38mm (1 <sup>1</sup> / <sub>2</sub> ")	Dozen	6.45
M-1675	PVC Saddles 50mm (2")	Dozen	12.90
<b>6</b>	<b>PVC JUNCTION BOXES</b>		
M-1676	Junction Boxes 1, 2, 3 & 4 way 16mm (5/8")	Dozen	43.25
M-1677	Junction Boxes 1, 2, 3 & 4 way 19mm (3/4")	Dozen	43.25
M-1678	Junction Boxes 1, 2, 3 & 4 way 25mm (1")	Dozen	50.90

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1679	Junction Boxes 1, 2, 3 & 4 way 32mm (1 <sup>1</sup> / <sub>4</sub> " )	Dozen	113.00
M-1680	Junction Boxes 1, 2, 3 & 4 way 38mm (1 <sup>1</sup> / <sub>2</sub> " )	Dozen	134.40
<b>7</b>	<b>PVC HYLEM SHEETS</b>		
M-1681	Hylem Sheet 3mm Thick	Sq.m	661.00
<b>8</b>	<b>INSULATION TAPE PVC</b>		
M-1682	PVC Insulation Tape (19mm)	Roll / 10 mtr.	16.05
M-1683	Empire Tape (12mm)	Roll / 10 mtr.	21.60
M-1684	Empire Tape (19mm)	Roll / 10 mtr.	25.90
<b>9</b>	<b>CABLE MANAGEMENT SYSTEM</b>		
	a. Cable Management Box with Cover		
M-1685	50mm x 80mm	Mtr.	954.00
M-1686	150mm x 105mm	Mtr.	1212.00
M-1687	b. Divider	Each	207.00
M-1688	c. Cover Joint	Each	116.00
M-1689	d. End Cap	Each	191.90
M-1690	e. Joint for Top Part	Each	217.00
M-1691	f. Joint for Bottom Part	Each	262.60
<b>X</b>	<b>PART "J"</b>		
	<b>TEAK WOOD MATERIALS</b>		
<b>1</b>	<b>TW BOX CONCEALED TYPE</b>		
M-1692	TW Box Concealed Type 12" x 8" x 3"	Each	69.90
M-1693	TW Box Concealed Type 8" x 6" x 3"	Each	37.10
M-1694	TW Box Concealed Type 6" x 4" x 3"	Each	16.50
M-1695	TW Box Concealed Type 4" x 4" x 3"	Each	13.80
M-1696	TW Plugs 1 <sup>1</sup> / <sub>2</sub> " x 1" x 2"	1000 Nos.	287.00
M-1697	TW Round blocks	100 Nos.	558.00
<b>XI</b>	<b>PART "K"</b>		
<b>1</b>	<b>CRIMPING LUGS SUITABLE FOR THE FOLLOWING SIZES ALUMINIUM</b>		
	<b>Size</b>		
M-1698	4.0 sq.mm.	Each	1.44
M-1699	6.0 sq.mm.	Each	1.60

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1700	10.0 sq.mm.	Each	2.05
M-1701	16.0 sq.mm.	Each	2.05
M-1702	25.0 sq.mm.	Each	3.15
M-1703	35.0 sq.mm.	Each	4.15
M-1704	50.0 sq.mm.	Each	6.25
M-1705	70.0 sq.mm.	Each	8.30
M-1706	95.0 sq.mm.	Each	9.50
M-1707	120.0 sq.mm.	Each	12.70
M-1708	150.0 sq.mm.	Each	16.95
M-1709	185.0 sq.mm.	Each	22.10
M-1710	225.0 sq.mm.	Each	32.90
M-1711	240.0 sq.mm.	Each	36.00
M-1712	300.0 sq.mm.	Each	50.00
M-1713	400.0 sq.mm.	Each	74.60
<b>1</b>	<b>CRIMPING LUGS SUITABLE FOR THE FOLLOWING SIZES COPPER</b>		
	<b>Size</b>		
M-1714	4.0 sq.mm.	Each	4.75
M-1715	6.0 sq.mm.	Each	4.75
M-1716	10.0 sq.mm.	Each	5.95
M-1717	16.0 sq.mm.	Each	7.20
M-1718	25.0 sq.mm.	Each	12.05
M-1719	35.0 sq.mm.	Each	13.30
M-1720	50.0 sq.mm.	Each	15.70
M-1721	70.0 sq.mm.	Each	25.50
M-1722	95.0 sq.mm.	Each	31.60
M-1723	120.0 sq.mm.	Each	43.80
M-1724	150.0 sq.mm.	Each	56.00
M-1725	185.0 sq.mm.	Each	85.30
M-1726	225.0 sq.mm.	Each	121.80
M-1727	240.0 sq.mm.	Each	121.80
M-1728	300.0 sq.mm.	Each	164.40
M-1729	400.0 sq.mm.	Each	249.90

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
<b>2</b>	<b>CABLE ROUTE INDICATOR</b>		
M-1730	Cable Route Indicator for LT Cable	Each Box	81.40
M-1731	Cable Route Indicator for HT Cable	Each Box	81.40
<b>XII</b>	<b>PART "L"</b>		
<b>1</b>	<b>BRASS SCREWS</b>		
M-1732	Brass Screws (20mm) 3/4" No.6	Gross	60.15
M-1733	Brass Screws (25mm) 1" No.6	Gross	64.90
M-1734	Brass Screws (40mm) 1 1/2" No.6	Gross	69.40
M-1735	Brass Screws (20mm) 3/4" No.8	Gross	60.15
M-1736	Brass Screws (25mm) 1" No.8	Gross	64.90
M-1737	Brass Screws (50mm) 2" No.10	Gross	134.30
M-1738	Brass Screws (75mm) 3" No.10	Gross	198.70
M-1739	Coach Screws 2" x 1/4" (50 x 6.25mm)	Dozen	11.90
<b>3</b>	<b>CONDUIT SADDLES</b>		
M-1740	Conduit Saddles 16mm (5/8")	Gross	41.00
M-1741	Conduit Saddles 19mm (3/4")	Gross	43.70
M-1742	Conduit Saddles 25mm (1")	Gross	51.30
M-1743	Conduit Saddles 32mm (1 1/4")	Gross	66.80
M-1744	Conduit Saddles 38mm (1 1/2")	Gross	82.00
M-1745	Conduit Saddles 50mm (2")	Gross	92.65
M-1746	Conduit Saddles 65mm (2 1/2")	Gross	105.55
<b>4</b>	<b>SODIUM VAPOUR FITTINGS &amp; LAMP (FOR EXTERNAL ELECTRIFICATION AND CAMPUS LIGHTING) (LOWER END)</b>		
M-1747	250 Watts Sodium Vapour Fittings	Each	3055.00
M-1748	250 Watts Sodium Vapour Lamp	Each	674.00
M-1749	150 Watts Sodium Vapour Fittings	Each	3012.00
M-1750	150 Watts Sodium Vapour Lamp	Each	577.00
M-1751	70 Watts Sodium Vapour Fittings	Each	2429.00
M-1752	70 Watts Sodium Vapour Lamp	Each	383.00
<b>5</b>	<b>SODIUM VAPOUR LAMP FITTING SINGLE PIECE DIE CAST ALUMINIUM HOUSING AND LAMP FOR HEAVY TRAFFIC ROADS (HIGHER END)</b>		
M-1753	400 Watts Sodium Vapour Fittings	Each	9135.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1754	400 Watts Sodium Vapour Lamp	Each	947.00
M-1755	250 Watts Sodium Vapour Fittings	Each	6230.00
M-1756	250 Watts Sodium Vapour Lamp	Each	765.00
M-1757	150 Watts Sodium Vapour Fittings	Each	5845.00
M-1758	150 Watts Sodium Vapour Lamp	Each	629.00
M-1759	70 Watts Sodium Vapour Fittings	Each	2499.00
M-1760	70 Watts Sodium Vapour Lamp	Each	433.00
<b>6</b>	<b>MINIATURE CIRCUIT BREAKERS 240 V / 415V 50HZ - AC SUPPLY SUITABLE FOR BOTH LIGHTING AND MOTOR CIRCUITS - HIGHER END</b>		
M-1761	Single Pole 6A to 32A, 10KA	Each	174.00
M-1762	Single Pole 40A, 10KA	Each	360.00
M-1763	Single Pole & Neutral 6A to 32A, 10KA	Each	516.00
M-1764	Single Pole & Neutral 40A, 10KA	Each	837.00
M-1765	Double Pole 6A to 32A, 10KA	Each	516.00
M-1766	Double Pole 40A, 10KA	Each	837.00
M-1767	Triple Pole 6A to 32A,10KA	Each	830.00
M-1768	Triple Pole 63A,10KA	Each	1262.00
M-1769	Triple Pole & Neutral 6A to 32A,10KA	Each	1092.00
M-1770	Triple Pole & Neutral 63A, 10KA	Each	1633.00
M-1771	Four Pole 6 A to 32A, 10KA	Each	1092.00
M-1772	Four Pole 63A, 10KA	Each	1633.00
<b>6</b>	<b>MINIATURE CIRCUIT BREAKERS 240 V / 415V 50HZ - AC SUPPLY SUITABLE FOR BOTH LIGHTING AND MOTOR CIRCUITS - LOWER END</b>		
M-1773	Single Pole 6A to 32A, 10KA	Each	128.00
M-1774	Single Pole 40A, 10KA	Each	267.00
M-1775	Single Pole & Neutral 6A to 32A, 10KA	Each	388.00
M-1776	Single Pole & Neutral 40A, 10KA	Each	540.00
M-1777	Double Pole 6A to 32A, 10KA	Each	428.00
M-1778	Double Pole 40A, 10KA	Each	586.00
M-1779	Triple Pole 6A to 32A,10KA	Each	647.00
M-1780	Triple Pole 63A,10KA	Each	1030.00
M-1781	Triple Pole & Neutral 6A to 32A,10KA	Each	843.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1782	Triple Pole & Neutral 63A, 10KA	Each	1299.00
M-1783	Four Pole 6 A to 32A, 10KA	Each	902.00
M-1784	Four Pole 63A, 10KA	Each	1383.00
<b>7</b>	<b>MCB</b>		
M-1785	100A Triple Pole MCB	Each	6985.00
M-1786	125A Triple Pole MCB	Each	7755.00
M-1787	100A Four Pole MCB	Each	8915.00
M-1788	125A Four Pole MCB	Each	10080.00
<b>8</b>	<b>PLUG AND SOCKETS IN SHEET STEEL ENCLOSURE WITHOUT MCBs - HIGHER END</b>		
M-1789	10A Single Pole	Each	854.00
M-1790	20A Single Pole	Each	912.00
M-1791	20A Double Pole	Each	987.00
M-1792	20A Triple Pole	Each	1675.00
M-1793	32A Triple Pole	Each	1998.00
M-1794	63A Triple Pole	Each	8145.00
<b>8</b>	<b>PLUG AND SOCKETS IN SHEET STEEL ENCLOSURE WITHOUT MCBs - LOWER END</b>		
M-1795	10A Single Pole	Each	505.00
M-1796	20A Single Pole	Each	512.00
M-1797	20A Triple Pole	Each	971.00
M-1798	32A Triple Pole	Each	1315.00
<b>9</b>	<b>SHEET STEEL ENCLOSURE FOR MCB's - HIGHER END</b>		
M-1799	2 Pole	Each	377.00
M-1800	4 pole	Each	554.00
<b>9</b>	<b>SHEET STEEL ENCLOSURE FOR MCB's - LOWER END</b>		
M-1801	2 Pole	Each	262.00
M-1802	4 pole	Each	322.00
<b>10</b>	<b>RCCB / ELCB - HIGHER END</b>		
M-1803	10 Amps 30 MA DP	Each	2410.00
M-1804	25 Amps 30 MA DP	Each	1987.00
M-1805	40 Amps 30 MA DP	Each	2199.00
<b>10</b>	<b>RCCB / ELCB - LOWER END</b>		
M-1806	10 Amps 30 MA DP	Each	1771.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1807	25 Amps 30 MA DP	Each	1520.00
M-1808	40 Amps 30 MA DP	Each	1606.00
<b>11</b>	<b>RCCB / ELCB (FOUR POLE) - HIGHER END</b>		
M-1809	25 Amps 30 MA	Each	2737.00
M-1810	40 Amps 30 MA	Each	2770.00
M-1811	63 Amps 30 MA	Each	3204.00
<b>11</b>	<b>RCCB / ELCB (FOUR POLE) - LOWER END</b>		
M-1812	25 Amps 30 MA	Each	1876.00
M-1813	40 Amps 30 MA	Each	1919.00
M-1814	63 Amps 30 MA	Each	2178.00
<b>12</b>	<b>HRC - FUSES - HIGHER END</b>		
M-1815	16 Amps	Each	61.70
M-1816	32 Amps	Each	64.00
M-1817	63 Amps	Each	132.00
M-1818	125 Amps	Each	308.00
M-1819	160 Amps	Each	383.00
M-1820	200 Amps	Each	395.00
M-1821	250 Amps	Each	551.00
<b>12</b>	<b>HRC - FUSES - LOWER END</b>		
M-1822	16 Amps	Each	30.05
M-1823	32 Amps	Each	50.50
M-1824	63 Amps	Each	63.60
M-1825	125 Amps	Each	141.10
M-1826	160 Amps	Each	190.20
M-1827	200 Amps	Each	190.20
M-1828	250 Amps	Each	281.00
<b>13</b>	<b>MCB ISOLATORS - HIGHER END</b>		
M-1829	32A - DP	Each	270.80
M-1830	32A - TP	Each	452.00
M-1831	32A - FP	Each	518.00
M-1832	40A - DP	Each	373.00
M-1833	40A - TP	Each	648.00
M-1834	40A - FP	Each	834.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1835	63A - DP	Each	500.00
M-1836	63A - TP	Each	856.00
M-1837	63A - FP	Each	912.00
M-1838	100A - TP	Each	941.00
M-1839	100A - FP	Each	961.00
<b>13</b>	<b>MCB ISOLATORS - LOWER END</b>		
M-1840	40A - DP	Each	258.00
M-1841	40A - TP	Each	475.00
M-1842	40A - FP	Each	580.00
M-1843	63A - DP	Each	329.00
M-1844	63A - TP	Each	519.00
M-1845	63A - FP	Each	606.00
M-1846	100A - DP	Each	425.00
M-1847	100A - TP	Each	675.00
M-1848	100A - FP	Each	739.00
<b>14</b>	<b>MCCB</b>		
M-1849	a. 63A / 100A 3 Pole MCCB	Each	6255.00
M-1850	Rotary Handle	Each	893.00
M-1851	Spreader Terminal	Each	237.00
M-1852	b. 160A 3 Pole MCCB	Each	11875.00
M-1853	Rotary Handle	Each	1515.00
M-1854	Spreader Terminal	Each	1141.00
M-1855	c. 125A 3 Pole MCCB	Each	8745.00
M-1856	d. 250A 3 Pole MCCB	Each	18025.00
M-1857	Spreader Terminal for 250A/125A	Each	1149.00
M-1858	Rotary Handle for 250A/125A	Each	1419.00
M-1859	e. 400A 3 Pole MCCB	Each	23785.00
M-1860	400A Spreader Terminal	Each	1978.00
M-1861	f. 630A 3 Pole MCCB	Each	29125.00
M-1862	630A Spreader Terminal	Each	3333.00
M-1863	Rotary Handle for 400A/ 630A	Each	2316.00
M-1864	g. 63A / 100A 4 Pole MCCB	Each	8685.00
M-1865	Rotary Handle	Each	893.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1866	Spreader Terminal	Each	404.00
M-1867	h. 125A 4 Pole MCCB	Each	9355.00
M-1868	Rotary Handle	Each	893.00
M-1869	Spreader Terminal	Each	404.00
M-1870	i. 160A 4 Pole MCCB	Each	14115.00
M-1871	Rotary Handle	Each	1515.00
M-1872	Spreader Terminal	Each	1504.00
M-1873	j. 250A 4 Pole MCCB	Each	22025.00
M-1874	250A Spreader Terminal	Each	1393.00
M-1875	k. 400A 4 Pole MCCB	Each	29705.00
M-1876	400A Spreader Terminal	Each	2842.00
<b>15</b>	<b>AIR CIRCUIT BREAKER</b>		
M-1877	630A, 4 Pole 50kA, Microprocessor Based, EDO Breaker	Each	203300.00
M-1878	800A, 4 Pole 50kA, Microprocessor Based, EDO Breaker	Each	203300.00
M-1879	1000A, 4 Pole 50kA, Microprocessor Based, EDO Breaker	Each	209700.00
M-1880	1250A, 4 Pole 50kA, Microprocessor Based, EDO Breaker	Each	228900.00
M-1881	1600A, 4 pole 50kA, Microprocessor Based, EDO Breaker	Each	251300.00
<b>16</b>	<b>HORIZONTAL THREE PHASE DISTRIBUTION BOARD WITH MCBS 4 way / 6 way / 8 way / 12 way TPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single / three phase MCB outgoings and separate 4 way provision for accommodating One No. 4 pole incoming MCB / Isolator and another separate 4 way provision for accommodating One No. 4 pole ELCB / RCD with label holder and provisions for taking up cable for size not less than 35 sq.mm.</b>		
<b>1</b>	<b>TPMCB DB with Metal Door Cover with IP 42 Protection HIGHER END</b>		
M-1882	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 12	Each	2284.00
M-1883	6 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 18	Each	2812.00
M-1884	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 24	Each	3373.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1885	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 36	Each	4982.00
<b>1</b>	<b>TPMCB DB with Metal Door Cover with IP 42 Protection LOWER END</b>		
M-1886	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 12	Each	1807.00
M-1887	6 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 18	Each	2284.00
M-1888	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 24	Each	2802.00
M-1889	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 36	Each	3807.00
<b>2</b>	<b>TPMCB DB with Acrylic Door Cover with IP42 Protection - HIGHER END</b>		
M-1890	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 12	Each	2654.00
M-1891	6 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 18	Each	3257.00
M-1892	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 24	Each	3892.00
M-1893	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 36	Each	5933.00
<b>3</b>	<b>Industrial Type TPMCB DB with IP 54 Protection HIGHER END</b>		
M-1894	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 12	Each	6442.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1895	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	7754.00
M-1896	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	8484.00
M-1897	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	11712.00
<b>17</b>	<b>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 outgoings and separate 4 way provision for accommodating One No. 4 pole incoming MCB / Isolator and another separate 4 way provision for accommodating One No. 4 pole ELCB / RCD with label holder and provisions for taking up cable for size not less than 35 sq.mm. (used for light loads less than 100A)</b>		
<b>1</b>	<b>TPMCB DB with Metal Door Cover with IP42 Protection HIGHER END</b>		
M-1898	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	5458.00
M-1899	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	6918.00
M-1900	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	9225.00
<b>1</b>	<b>TPMCB DB with Metal Door Cover with IP42 Protection LOWER END</b>		
M-1901	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	4484.00
M-1902	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	5521.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1903	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	6791.00
<b>2</b>	<b>TPMCB DB with Acrylic Door Cover with IP42 Protection - HIGHER END</b>		
M-1904	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	6590.00
M-1905	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	8390.00
M-1906	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	11155.00
M-1907	6 Way Vertical TPN Distributions boards; IP43 with double door (Metal); with 12 module incomers and 18 Single Phase / Three Phase / MCB's outgoing; as per IS	Each	10115.00
<b>3</b>	<b>Industrial Type TPMCB DB with IP54 Protection HIGHER END</b>		
M-1908	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	10195.00
M-1909	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	12305.00
M-1910	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	16500.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
<b>18</b>	<b>7 SEGMENTS (3 TIER) 3 PHASE DISTRIBUTION BOARD WITH MCB</b> 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.		
<b>1</b>	<b>TPMCB DB with Metal / Acrylic Door Cover with IP42 Protection - HIGHER END</b>		
M-1911	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	5363.00
M-1912	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	6060.00
M-1913	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	6759.00
M-1914	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	8610.00
<b>19</b>	<b>Vertical TPN Distribution Boards (with MCCB Incomer); Double Door; IP43, as per IS 8623 III; Impact resistance IK09; Frame MCCB Incomer &amp; Single Phase/Three Phase MCBs as Outgoing (for power loads exceeding 100A) HIGHER END</b>		
M-1915	4 Way, MCCB + 12 Modules	Each	9135.00
M-1916	6 Way, MCCB + 18 Modules	Each	10550.00
M-1917	8 Way, MCCB + 24 Modules	Each	11500.00
M-1918	12 Way, MCCB + 36 Modules	Each	15320.00
M-1919	16 Way, MCCB + 48 Modules	Each	18090.00
<b>19</b>	<b>Vertical TPN Distribution Boards (with MCCB Incomer); Double Door; IP43, as per IS 8623 III; Impact resistance IK09; Frame MCCB Incomer &amp; Single Phase/Three Phase MCBs as Outgoing (for power loads exceeding 100A) LOWER END</b>		
M-1920	4 Way, MCCB + 12 Modules	Each	16920.00
M-1921	6 Way, MCCB + 18 Modules	Each	18430.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1922	8 Way, MCCB + 24 Modules	Each	19670.00
M-1923	12 Way, MCCB + 36 Modules	Each	20850.00
M-1924	16 Way, MCCB + 48 Modules	Each	23480.00
<b>20</b>	<b>SINGLE PHASE DISTRIBUTION BOARD WITH MCBs</b> <b>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.</b>		
<b>1</b>	<b>SPMCB DB with Metal Door Cover with IP42 Protection HIGHER END</b>		
M-1925	4 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 2	Each	897.00
M-1926	8 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 6	Each	1123.00
M-1927	12 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 10	Each	1352.00
<b>1</b>	<b>SPMCB DB with Metal Door Cover with IP42 Protection LOWER END</b>		
M-1928	4 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 2	Each	586.00
M-1929	8 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 6	Each	801.00
M-1930	12 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 10	Each	1034.00
<b>2</b>	<b>SPMCB DB with Acrylic Door Cover with IP42 Protection - HIGHER END</b>		
M-1931	4 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 2	Each	1059.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1932	8 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoings ways - 6	Each	1249.00
M-1933	12 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoings ways - 10	Each	1515.00
<b>3</b>	<b>Industrial Type SPMCB DB with IP54 Protection HIGHER END</b>		
M-1934	4 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoings ways - 2	Each	2706.00
M-1935	8 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoings ways - 6	Each	3171.00
M-1936	12 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoings ways - 10	Each	3655.00
<b>XIII</b>	<b>PART "M"</b>		
<b>1</b>	<b>TRANSFORMERS - OEM</b>		
M-1937	250 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	981000.00
M-1938	500 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1347000.00
M-1939	630 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1725000.00
M-1940	1000 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	2202000.00
M-1941	250 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1103000.00
M-1942	500 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1469000.00
M-1943	630 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1847000.00
M-1944	1000 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	2324000.00
M-1945	1600 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	3263000.00
M-1946	1600 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	3402000.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1947	11KV 2 Pole HT Structure	Each	464900.00
M-1948	11KV 6 Pole HT structure	Each	1530000.00
<b>2</b>	<b>11 KV INDOOR VACCUM CIRCUIT BREAKER</b>		
M-1949	11 KV, 25 KA, 630 A, HT Indoor Single Panel Vaccum Circuit Breaker complete as per specification	Each	476000.00
M-1950	11 KV, 25 KA, 630 A, HT Indoor Three Panel Vaccum Circuit Breaker complete as per specification	Each	1213000.00
M-1951	11 KV, 25 KA, 630 A, HT Indoor Four Panel Vaccum Circuit Breaker complete as per specification	Each	1721000.00
M-1952	11 KV, 25 KA, 630 A, HT Indoor Five Panel Vaccum Circuit Breaker complete as per specification	Each	2064000.00
<b>3</b>	<b>11 KV OUTDOOR VACCUM CIRCUIT BREAKER</b>		
M-1953	11 KV, 25 KA, 630 A, HT Outdoor Single Panel Vaccum Circuit Breaker complete as per specification	Each	497000.00
M-1954	11 KV, 25 KA, 630 A, HT Outdoor Three Panel Vaccum Circuit Breaker complete as per specification	Each	1243000.00
M-1955	11 KV, 25 KA, 630 A, HT Outdoor Four Panel Vaccum Circuit Breaker complete as per specification	Each	1741000.00
M-1956	11 KV, 25 KA, 630 A, HT Outdoor Five Panel Vaccum Circuit Breaker complete as per specification	Each	2085000.00
<b>4</b>	<b>11 KV INDOOR RING MAIN GEAR (RMG)</b>		
M-1957	11 KV, 25 KA, 630 A, HT Indoor Three Panel Ring Main Gear complete as per specification	Each	692000.00
<b>5</b>	<b>11 KV OUTDOOR RING MAIN GEAR (RMG)</b>		
M-1958	11 KV, 25 KA, 630 A, HT Outdoor Three Panel Ring Main Gear complete as per specification	Each	725000.00
<b>6</b>	<b>HT CABLES</b>		
M-1959	185 sq.mm. 3 core HT XLPE 11KV (E)	Mtr.	1800.00
M-1960	185 sq.mm. 3 core HT XLPE 11KV (UE)	Mtr.	2340.00
M-1961	240 sq.mm. 3 core HT XLPE 11KV (UE)	Mtr.	2755.00
M-1962	240 sq.mm. 3 core HT XLPE 11KV (E) SISMV11E3 x 2402797	Mtr	2100.00
M-1963	300 sq.mm. 3 core HT XLPE 11KV (E) SISMV11E3 x 3002797	Mtr	2440.00
M-1964	300 sq.mm. 3 core HT XLPE 11KV (UE) SISMV11U3 x 3002424	Mtr	2865.00
<b>7</b>	<b>CABLES, ACCESSORIES AND KITS</b>		
M-1965	120-185 sq.mm. 3 core HT Cable Indoor Terminations XLPE 11KV (E) - EPKT 3111	Each	11770.00
M-1966	240-300 sq.mm. 3 core HT Cable Indoor Terminations XLPE 11KV (E) - EPKT 3121	Each	12570.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1967	120-185 sq.mm. 3 core HT Cable Outdoor Terminations XLPE 11KV (E) - EPKT 3362	Each	16260.00
M-1968	240-300 sq.mm. 3 core HT Cable Outdoor Terminations XLPE 11KV (E) - EPKT 3372	Each	18290.00
M-1969	240-400 sq.mm. 3 core HT Cable Indoor Terminations 11 KV (UE) - Belted PILC Cables - EPKT 4685	Each	16580.00
M-1970	240-400 sq.mm. 3 core HT Cable Outdoor Terminations 11 KV (UE) - Belted PILC Cables - EPKT 4961	Each	21930.00
M-1971	150-185 sq.mm. 3 core HT Cable Outdoor Terminations 22KV(E) Screened XLPE Cables - EPKT 5363	Each	23320.00
M-1972	240-400 sq.mm. 3 core HT Cable Outdoor Terminations 22KV(E) Screened XLPE Cables-EPKT 5373	Each	31030.00
M-1973	185-240 sq.mm 3 core HT Cables Straight Through Joints 22KV (E) Screened XLPE Cables-EPKJ 5118	Each	60990.00
M-1974	300-400 sq.mm. 3 core HT Cable Straight Thorough Joints 22KV (E) Screened XLPE Cables - EPKJ 5119	Each	68150.00
<b>8</b>	<b>SAFETY ACCESSORIES</b>		
M-1975	AC Chargeable Emergency Lamp 2 x 11W PL Lamp with all connected accessories	Each	3212.00
M-1976	2m x 1m Rubber Mat suitable for 11 KV installation confirming to IS	Set (5 Nos.)	18743.00
M-1977	First Aid Box complete with all First Aid Medicines	Each	1712.00
M-1978	Shock Treatment Chart fixed in glass frame	Each	1712.00
M-1979	4 Nos. Fire Buckets made out of 40 x 40 x 6mm MS Angle	Each	4712.00
M-1980	Hand Gloves 11KV Grade	Each	1927.00
M-1981	Danger Board as required by the Electrical Authorities	Each	1605.00
M-1982	Fire Extinguisher Co2, 4.5 kg. confirming to TAC Norms	Each	1446.00
M-1983	Earth Discharge Rod	Each	3748.00
<b>XIV</b>	<b>PART "N"</b>		
<b>1</b>	<b>SUPPLY &amp; INSTALLATION OF AIR-CONDITIONER WITH COPPER COIL</b>		
M-1984	1.5 TR Split Type AC Unit - <b>5 Star Rated</b>	Each	44160.00
M-1985	2.0 TR Split Type AC Unit - <b>5 Star Rated</b>	Each	56370.00
M-1986	1.5 TR Split Type AC Unit - <b>3 Star Rated</b>	Each	33170.00
M-1987	2.0 TR Split Type AC Unit - <b>3 Star Rated</b>	Each	44160.00
M-1988	Supply and installation of 4 KVA capacity Automatic Voltage Stabilizer with time delay relay	Each	4441.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-1989	Supply and installation of 5 KVA capacity Automatic Voltage Stabilizer with time delay relay	Each	4940.00
M-1990	Supply and laying of 5/8" and 3/8" copper pipe (Extra beyond 3 metres supplied with AC unit)	Each	940.00
M-1991	Supply and fixing of MS stand for fixing outdoor unit	Each	1088.00
<b>2</b>	<b>SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND HANDING OVER OF AIR-COOLED SELF CONTAINED DUCTABLE AC UNITS</b>		
M-1992	3.0 TR Ceiling Suspended Ductable Unit	Each	98095.00
M-1993	5.5 TR Ceiling Suspended Ductable Unit	Each	169300.00
M-1994	8.5 TR Ceiling Suspended Ductable Unit	Each	230700.00
M-1995	11 TR Ceiling Suspended Ductable Unit	Each	297700.00
M-1996	17 TR Ceiling Suspended Ductable Unit	Each	431600.00
M-1997	5.5 TR Floor Mounted Ductable Unit	Each	357800.00
M-1998	8.5 TR Floor Mounted Ductable Unit	Each	369600.00
M-1999	11 TR Floor Mounted Ductable Unit	Each	406000.00
M-2000	17 TR Floor Mounted Ductable Unit	Each	580000.00
M-2001	25 TR Floor Mounted Ductable Unit	Each	697000.00
<b>3</b>	<b>ACCESSORIES FOR PACKAGE AC</b>		
M-2002	Supply and filling of R-22 Refrigerant Gas	KG	571.80
M-2003	Supply and fixing of Copper Refrigerant Piping of 7/8" dia	RM	1037.90
M-2004	Supply and fixing of Flexible Canvas Connection	Each	2767.00
M-2005	Supply and fixing of 50mm thick Anti Vibrating Rubber Pads	RM	543.40
M-2006	Supply, Fabrication and erection of fabricated ducting made up of GI Sheets of 24 Gauge thickness	sqm.	848.60
M-2007	Supply, Fabrication and erection of fabricated ducting made up of GI sheets of 22 Gauge thickness	sqm.	1136.00
M-2008	Supply, Fabrication and erection of fabricated ducting made up of GI sheets of 20 Gauge thickness	sqm.	1413.00
M-2009	Supply and fixing of extruded aluminum powder coated, Supply and return Air Grilles / Diffusers with Volume Control Damper	sqm.	7911.00
M-2010	Supply and fixing of water drain pipe line (1" PVC Pipe)	RM	64.10
M-2011	Supply, fabrication and fixing of MS Channel for Mounting the Airconditioning Indoor Unit	Each	7320.00
M-2012	Supply, fabrication and fixing of MS Channel for Mounting the Airconditioning Outdoor Unit	Each	6230.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-2013	Supply and providing of pipeline nitrle rubber insulation for Refrigerant and drain pipe lines.	RM	55.25
M-2014	Supply and fixing of Duct Mouth Dampers	Set	2371.00
M-2015	Supply and providing acoustic for initial portion of ducting with 12mm thick Fibre Glass Rigid Board covered with Tissue Paper and Aluminum Perforated Sheet	Sqm.	841.50
M-2016	Supply and providing thermal insulation of 9mm thick vidoflex with Aluminum Foil	Sqm.	820.00
M-2017	Supply and providing Civil Concrete Block for Mounting the Airconditioning Unit	Each	705.00
M-2018	Supply and laying of 30 sq.mm. incoming cable	RM	381.60
M-2019	Supply and providing of 10 sq.mm. copper flexible single cable	RM	88.40
M-2020	Supply and providing of 1.5 sq.mm. copper flexible cable	RM	19.70
M-2021	Supply and providing of 0.5 sq.mm. 4 core flexible signal cable	RM	16.45
<b>4</b>	<b>VARIABLE REFRIGERANT FLOW (VRF) AIR-CONDITIONING SYSTEM</b>		
<b>a</b>	<b>Inverter Scroll Compressor Modular VRF ODU</b>		
M-2022	34.0 HP	Each	768200.00
M-2023	32.0 HP	Each	731100.00
M-2024	30.0 HP	Each	684800.00
M-2025	28.0 HP	Each	641000.00
M-2026	26.0 HP	Each	593300.00
M-2027	24.0 HP	Each	543600.00
M-2028	22.0 HP	Each	513500.00
M-2029	20.0 HP	Each	470100.00
M-2030	18.0 HP	Each	404800.00
M-2031	16.0 HP	Each	360600.00
M-2032	14.0 HP	Each	348800.00
M-2033	12.0 HP	Each	317000.00
M-2034	10.0 HP	Each	239100.00
M-2035	8.0 HP	Each	230300.00
<b>b</b>	<b>High ESP Duct (200Pa / 220Pa) with Wired Controller, No Drain Pump</b>		
M-2036	6.3 TR	Each	82425.00
M-2037	8.0 TR	Each	85170.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-2038	12.8 TR	Each	145600.00
M-2039	16.0 TR	Each	152400.00
<b>c</b>	<b>Wall-Mounted Panel with Cordless Remote Controller</b>		
M-2040	0.63 TR	Each	18010.00
M-2041	0.80 TR	Each	19130.00
M-2042	1.03 TR	Each	22180.00
M-2043	1.28 TR	Each	22895.00
M-2044	1.60 TR	Each	24015.00
M-2045	2.02 TR	Each	24520.00
<b>5</b>	<b>SUPPLY AND FILLING REFRIGERANT GAS</b>		
M-2046	R410A	Kg.	610.50
M-2047	R407C	Kg.	610.50
<b>6</b>	<b>REFRIGERANT PIPE</b>		
M-2048	36.90mm	RM	1948.00
M-2049	28.60mm	RM	1780.00
M-2050	22.20mm	RM	1495.00
M-2051	19.10mm	RM	1139.00
M-2052	15.90mm	RM	1068.00
M-2053	12.70mm	RM	966.70
M-2054	9.50mm	RM	768.20
M-2055	6.40mm	RM	671.60
<b>7</b>	<b>DRAIN PIPE</b>		
M-2056	25mm	RM	167.90
M-2057	32mm	RM	201.40
M-2058	40mm	RM	246.20
M-2059	50mm	RM	291.00
M-2060	Supply and fixing of Refnet joint	Each	9178.00
<b>8</b>	<b>GENERATORS WITH STANDARD PANEL</b>		
M-2061	5 KVA	Each	205600.00
M-2062	7.5 KVA	Each	214600.00
M-2063	10 KVA	Each	242600.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-2064	15 KVA	Each	260800.00
M-2065	20 KVA	Each	274200.00
M-2066	30 KVA	Each	333700.00
M-2067	35 KVA	Each	356300.00
M-2068	40 KVA	Each	415800.00
M-2069	45 KVA	Each	485700.00
M-2070	62.5 KVA	Each	558600.00
M-2071	82.5 KVA	Each	658800.00
M-2072	100 KVA	Each	732600.00
M-2073	125 KVA	Each	842100.00
M-2074	160 KVA	Each	1143700.00
M-2075	200 KVA	Each	1397000.00
M-2076	250 KVA	Each	1573000.00
M-2077	500 KVA	Each	3986000.00
<b>9</b>	<b>GENERATORS WITH AUTO MAIN FAILURE (AMF) PANEL</b>		
M-2078	62.5 KVA	Each	671200.00
M-2079	82.5 KVA	Each	771200.00
M-2080	100 KVA	Each	957800.00
M-2081	125 KVA	Each	1066000.00
M-2082	160 KVA	Each	1368600.00
M-2083	200 KVA	Each	1622000.00
M-2084	250 KVA	Each	1798000.00
M-2085	Exhaust Pipe with Silencer	RM	2215.00
<b>10</b>	<b>PASSENGER LIFTS (G+3) SS 304 Grade with 1m/sec. speed with ARD Higher End</b>		
<b>A</b>	<b>8 Persons Passenger Lift Car Size (1300 x 1100)</b>		
M-2086	Gearless Lift with Machine Room	Each	1526400.00
M-2087	Gearless Lift without Machine Room	Each	1597600.00
<b>B</b>	<b>10 Persons Passenger Lift Car Size (1300 x 1350)</b>		
M-2088	Gearless Lift with Machine Room	Each	1594500.00
M-2089	Gearless Lift without Machine Room	Each	1671900.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
<b>C</b>	<b>13 Persons Passenger Lift Car Size (2000 x 1100)</b>		
M-2090	Gearless Lift with Machine Room	Each	1775700.00
M-2091	Gearless Lift without Machine Room	Each	1857100.00
<b>D</b>	<b>20 Persons Passenger Lift Car Size (2000 x 1500)</b>		
M-2092	Gearless Lift with Machine Room	Each	2207100.00
M-2093	Gearless Lift without Machine Room	Each	2345500.00
	Further increase of rate per floor for every additional floor Rs.1,00,000/- per floor. Comprehensive servicing and maintenance of lifts for further period of 2 years beyond free warranty period of one year from the date of commissioning of lifts will be paid at the rate of 5% of capital cost of lift.		
<b>11</b>	<b>BED-CUM-PASSENGER LIFTS (G+3) SS 304 Grade with 1m/sec. speed with ARD Higher End</b>		
<b>A</b>	<b>15 Persons Passenger Lift Car Size (1000 x 2400)</b>		
M-2094	Gearless Lift with Machine Room	Each	1937500.00
M-2095	Gearless Lift without Machine Room	Each	2060600.00
<b>B</b>	<b>20 Persons Passenger Lift Car Size (1300 x 2400)</b>		
M-2096	Gearless Lift with Machine Room	Each	2315000.00
M-2097	Gearless Lift without Machine Room	Each	2410600.00
<b>C</b>	<b>26 Persons Passenger Lift Car Size (1600 x 2400)</b>		
M-2098	Gearless Lift with Machine Room	Each	2631500.00
M-2099	Gearless Lift without Machine Room	Each	2836000.00
	Further increase of rate per floor for every additional floor Rs.1,00,000/- per floor. Comprehensive servicing and maintenance of lifts for further period of 2 years beyond free warranty period of one year from the date of commissioning of lifts will be paid at the rate of 5% of capital cost of lift.		
<b>12</b>	<b>1 PHASE UPS (Single Phase In &amp; Single Phase Out)</b>		
	<b>CAPACITY - SYSTEM WITH BATTERY - 1 HOUR BACK-UP</b>		
M-2100	1 KVA	Each	29790.00
M-2101	2 KVA	Each	65650.00
M-2102	3 KVA	Each	79280.00
M-2103	5 KVA	Each	146400.00
M-2104	7.5 KVA	Each	176700.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
<b>12</b>	<b>1 PHASE UPS (Single Phase In &amp; Single Phase Out)</b>		
	<b>CAPACITY - SYSTEM WITH BATTERY - 2 HOURS BACK-UP</b>		
M-2105	1 KVA	Each	39800.00
M-2106	2 KVA	Each	86300.00
M-2107	3 KVA	Each	136300.00
M-2108	5 KVA	Each	202000.00
M-2109	7.5 KVA	Each	230200.00
<b>13</b>	<b>3 PHASE UPS (Three Phase In &amp; Single Phase out)</b>		
	<b>CAPACITY - SYSTEM WITH BATTERY - 1 HOUR BACK-UP</b>		
M-2110	7.5 KVA	Each	186800.00
M-2111	10 KVA	Each	272700.00
M-2112	15 KVA	Each	373700.00
<b>13</b>	<b>3 PHASE UPS (Three Phase In &amp; Single Phase out)</b>		
	<b>CAPACITY - SYSTEM WITH BATTERY - 2 HOURS BACK-UP</b>		
M-2113	7.5 KVA	Each	239800.00
M-2114	10 KVA	Each	363600.00
M-2115	15 KVA	Each	450400.00
<b>XV</b>	<b>PART "O"</b>		
<b>1</b>	<b>GI STEEL TUBULAR POLE FOR STREET LIGHT</b>		
M-2116	4 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 76.10mm OD x 3.65mm Thick x 4000mm Length	Each	6350.00
M-2117	4 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 76.10mm OD x 3.65mm Thick x 4000mm Length	Each	7230.00
M-2118	6 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 76.10mm OD x 3.65mm Thick x 6000mm Length	Each	7590.00
M-2119	6 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 76.10mm OD x 3.65mm Thick x 6000mm Length	Each	8470.00
M-2120	7 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4000mm Length, 88.90mm OD x 4.85mm Thick x 1500mm Length, 76.1mm OD x 3.25mm Thick x 1500mm Length	Each	9730.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-2121	7 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4000mm Length, 88.90mm OD x 4.85mm Thick x 1500mm Length, 76.10mm OD x 3.25mm Thick x 1500mm Length	Each	10700.00
M-2122	7.50 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4500mm Length, 88.90mm OD x 4.85mm Thick x 1500mm Length, 76.1mm OD x 3.25mm Thick x 1500mm Length	Each	10870.00
M-2123	7.50 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4500mm Length, 88.90mm OD x 4.85mm Thick x 1500mm Length, 76.10mm OD x 3.25mm Thick x 1500mm Length	Each	12010.00
M-2124	8 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4500mm Length, 88.90mm OD x 4.85mm Thick x 1750mm Length, 76.10mm OD x 3.25mm Thick x 1750mm Length	Each	11190.00
M-2125	8 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4500mm Length, 88.90mm OD x 4.85mm Thick x 1750mm Length, 76.10mm OD x 3.25mm Thick x 1750mm Length	Each	12320.00
M-2126	8.50 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 5000mm Length, 88.90mm OD x 4.85mm Thick x 1750mm Length, 76.10mm OD x 3.25mm Thick x 1750mm Length	Each	11930.00
M-2127	8.50 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 5000mm Length, 88.90mm OD x 4.85mm Thick x 1750mm Length, 76.10mm OD x 3.25mm Thick x 1750mm Length	Each	13390.00
M-2128	9 Metre Length Single Bracket Pole with Base Plate (300 x 300 x 6mm) 114.30mm OD x 5.40mm Thick x 5000mm Length, 88.90mm OD x 4.85mm Thick x 2000mm Length, 76.10mm OD x 3.25mm Thick x 2000mm Length	Each	11930.00
M-2129	9 Metre Length Double Bracket Pole with Base Plate (300 x 300 x 6mm) 114.30mm OD x 5.40mm Thick x 5000mm Length, 88.90mm OD x 4.85mm Thick x 2000mm Length, 76.10mm OD x 3.25mm Thick x 2000mm Length	Each	13390.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-2130	10 Metre Length Single Bracket Pole with Base Plate (300 x 300 x 6mm) 139.70mm OD x 4.50mm Thick x 5200mm Length, 114.30mm OD x 4.50mm Thick x 2400mm Length, 88.90mm OD x 3.25mm Thick x 2400mm Length	Each	15800.00
M-2131	10 Metre Length Double Bracket Pole with Base Plate (300 x 300 x 6mm) 139.70mm OD x 4.50mm Thick x 5200mm Length, 114.30mm OD x 4.50mm Thick x 2400mm Length, 88.90mm OD x 3.25mm Thick x 2400mm Length	Each	16230.00
M-2132	12 Metre Length Single Bracket Pole with Base Plate (300 x 300 x 6mm) 165.10mm OD x 4.50mm Thick x 5800mm Length, 139.70mm OD x 4.50mm Thick x 3100mm Length, 114.30mm OD x 3.65mm Thick x 3100mm Length	Each	18620.00
M-2133	12 Metre Length Double Bracket Pole with Base Plate (300 x 300 x 6mm) 165.10mm OD x 4.50mm Thick x 5800mm Length, 139.70mm OD x 4.50mm Thick x 3100mm Length, 114.30mm OD x 3.65mm Thick x 3100mm Length	Each	20640.00
<b>2</b>	<b>OCTAGONAL POST</b>		
M-2134	Supply, Erection of 8m Free Standing Single Arm Bracket 8 sided Octagonally continuously tapered structured pole with base plate of size 300 x 300 x 12mm as per IS-875 with following specification. Bottom Pole Dia - 130mm Top Pole Dia - 70 mm Thickness of Pole - 3 mm The pole should be hot dip galvanized confirming to BESN ISO-1461 with thickness of 65 Micron	Each	20790.00
M-2135	Supply, Erection of 8m Free Standing Double Arm Bracket 8 sided Octagonally continuously tapered structured pole with base plate of size 300 x 300 x 12mm as per IS-875 with following specification. Bottom Pole Dia - 130mm Top Pole Dia - 70 mm Thickness of Pole - 3 mm The pole should be hot dip galvanized confirming to BESN ISO-1461 with thickness of 65 Micron	Each	21920.00
M-2136	Supply, Erection of 7m Free Standing Double Arm Bracket 8 sided Octagonally continuously tapered structured pole with base plate of size 250 x 250 x 12mm as per IS-875 with following specification. Bottom Pole Dia - 140mm Top Pole Dia - 70 mm Thickness of Pole - 3 mm The pole should be hot dip galvanized confirming to BESN ISO-1461 with thickness of 65 Micron	Each	20910.00
M-2137	Minimast (12 Metre) with 6 Nos. 150W LED Fitting	Each	349800.00
M-2138	Highmast (16 Metre) with 8 Nos. 150W LED Fitting	Each	528100.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>LIGHTNING ROD</b>		
M-2139	<p>Supply of Early Streamer Emission Air Terminal (ESEAT). Model: L</p> <p>The ESEAT has corrosion resistant stainless chrome body made up of AISI 316 grade of height 0.50 metres capable of working in hazardous atmosphere. The Air terminal is non-radioactive and requires no special licensing. The unit is fully autonomous (no battery, no external power supply is required), collects energy from the ambient electric field. The ESEAT model has been tested in a high voltage laboratory in accordance with NFC 17 102 in order to measure the average gain in triggering. The average gain in triggering time (<math>\Delta T_s</math>) obtained during the lab test for the offered model is 60 <math>\mu s</math>. The ESEAT works on negative as well as positively polarized discharges. ESEAT has been tested for such discharges in Central Power Research Institute (CPRI). A dedicated tester is available to test the healthiness of the ESEAT on request (Page No. 37, Point No. 3 of Clause 8.6 of the Revised NFC 17-102 version 2011 ).</p> <p>ESEAT Model : L - Radius of protection : 86 Metres Level of protection considered for the Project-II level</p>	Each	74580.00
M-2140	<p>Supply of Early Streamer Emission Air Terminal (ESEAT). Model: S</p> <p>The ESEAT has corrosion resistant stainless chrome body made up of AISI 316 grade of height 0.50 metres capable of working in hazardous atmosphere. The Air terminal is non-radioactive and requires no special licensing. The unit is fully autonomous (no battery, no external power supply is required ), collects energy from the ambient electric field. The ESEAT model has been tested in a high voltage laboratory in accordance with NFC 17 102 in order to measure the average gain in triggering. The average gain in triggering time (<math>\Delta T_s</math>) obtained during the lab test for the offered model is 60 <math>\mu s</math>.</p> <p>The ESEAT works on negative as well as positively polarized discharges. ESEAT has been tested for such discharges in Central Power Research Institute (CPRI). A dedicated tester is available to test the healthiness of the ESEAT on request (Page No. 37, Point No. 3 of Clause 8.6 of the Revised NFC 17-102 version 2011 ).</p> <p>ESEAT Model : S - Radius of protection : 46 Metres Level of protection considered for the Project-II level</p>	Each	66230.00
<b>c</b>	<b>MOUNTING STRUCTURE</b>		
M-2141	Supply of Standard / Special Mounting Structure of height 4.5 mts. pipe, and 300 x 300 x 8mm MS plate, 3 mts. 48mm OD class C GI outer pipe, 1.8 mtr, 38mm OD inner pipe, for roof mounting on concrete base and with FRP adapter	Each	19875.00
<b>d</b>	<b>DOWN CONDUCTOR</b>		
M-2142	Supply and run of 25mm x 6mm GI Flat Down Conductor with necessary clamps / supports on wall / floor / ground for earth connection	Mtr	115.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
<b>e</b>	<b>TEST LINK</b>		
M-2143	Supply of Test Link Box for each Down conductor in order to disconnect the earth termination system to enable measurement of resistance	Each	4891.00
<b>f</b>	<b>EARTH ELECTRODE</b>		
M-2144	Supply and insallation maintenance free GI Earthing System comprising of 50mm dia and 2 mtr. long earth electrode of low carbon steel rod with 100 micron bonding and 25 kgs. of carbon based environment friendly backfill compound and suitable clamp	Each	9027.00
<b>g</b>	<b>SURGE PROTECTION</b>		
M-2145	Supply and insallation Cabinet Type Class 1 and 2 Combined Model SPD to arrest surges and overvoltages in the power line due to lightning switching action etc. they must be installed in the incoming MCC panel / DB of the respective buling in parallel to the power circuit. Model: PSV4-12.5/400TT (3 phase power network)	Each	18960.00
<b>XVI</b>	<b>PART "P"</b>		
	<b>CONFERENCE TYPE PUBLIC ADDRESS SYSTEM, PROJECTOR AND MOTORIZED SCREEN - HIGHER END</b>		
M-2146	Chairman Unit	Each	15245.00
M-2147	Delegate Unit	Each	13510.00
M-2148	Conference Controller	Set	33800.00
M-2149	PA Mixer Amplifier 120W	Set	20350.00
M-2150	PA Mixer Amplifier 240W	Set	26110.00
M-2151	PA Booster Amplifier 480W	Set	45100.00
M-2152	Wall Speaker 15W	Each	8765.00
M-2153	Wall Speaker 30W	Each	12740.00
M-2154	Ceiling Speaker 15W	Each	2217.00
M-2155	Ceiling Speaker 20W	Each	3427.00
M-2156	Cordless Mic UHF	Each	20400.00
M-2157	8 Pin Conference Mic Socket with Modular Box and Front Plate	Each	334.00
M-2158	2 Core 1.5 sq.mm Shielded Copper Speaker Wire	RM	41.30
M-2159	8 Core 1.5 sq.mm PVC Copper Conference Ccable	RM	158.50
M-2160	3200 Ansi Lumens Projector, XGA (1024X 768 ) Resolution, Contrast Ratio: 4000:1	Each	39570.00
M-2161	3600 Ansi Lumens Projector, XGA (1024X 768 ) Resolution, Contrast Ratio: 20000:1	Each	56290.00
M-2162	3300 Ansi Lumens Short Throw Projector, WXGA (1280 X 800) Resolution, Contrast Ratio: 3000:1	Each	99180.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-2163	6' x 4' Motorized Screen	Each	12200.00
M-2164	8' x 6' Motorized Screen	Each	16380.00
M-2165	10' x 8' Motorized Screen	Each	19670.00
M-2166	3 Feet Ceiling Mount Kit	Each	4336.00
M-2167	20 Metre HDMI Cable	Set	4294.00
M-2168	3 Core 1.5 sq.mm. PVC Power Cable for Projector	RM	58.30
<b>24</b>	<b>UNARMoured 0.5MM TELEPHONE CABLE</b>		
M-2169	2 Pair	RM	9.15
M-2170	4 Pair	RM	16.45
M-2171	10 Pair	RM	38.90
M-2172	20 Pair	RM	72.10
M-2173	50 Pair	RM	162.60
<b>25</b>	<b>ARMoured 0.5MM JELLY FILLED TELEPHONE CABLE</b>		
M-2174	10 Pair	RM	151.30
M-2175	20 Pair	RM	222.40
M-2176	50 Pair	RM	432.40
M-2177	100 Pair	RM	749.90
M-2178	200 Pair	RM	1395.00
<b>26</b>	<b>UNARMoured CO-AXIAL CABLE FOR TV</b>		
M-2179	RG-06	RM	23.60
M-2180	RG-11	RM	53.50
<b>27</b>	<b>ARMoured CO-AXIAL CABLE FOR TV</b>		
M-2181	RG-06	RM	90.50
M-2182	RG-11	RM	128.60
<b>28</b>	<b>UNARMoured LAN &amp; CCTV CABLE</b>		
M-2183	CAT-6	RM	29.65
<b>29</b>	<b>ARMoured LAN &amp; CCTV CABLE</b>		
M-2184	CAT-6	RM	106.00
<b>30</b>	<b>UNARMoured SPEAKER CABLE</b>		
M-2185	2 Core - 1.0 sq.mm	RM	28.65
M-2186	2 Core - 1.5 sq.mm	RM	41.20
<b>31</b>	<b>ARMoured SPEAKER CABLE</b>		
M-2187	2 Core - 1.5 sq.mm	RM	85.45
M-2188	2 Core - 2.5 sq.mm	RM	106.00


Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
<b>32</b>	<b>OFC CABLE</b>		
M-2189	6 Core Indoor	RM	54.50
M-2190	6 Core Outdoor	RM	59.55
M-2191	12 Core Indoor	RM	69.80
<b>33</b>	<b>PoE SWITCHES FOR CCTV IP CAMERA - HIGHER END</b>		
M-2192	4 Port	Each	6219.00
M-2193	8 Port	Each	8599.00
M-2194	24 Port	Each	19462.00
<b>34</b>	<b>NETWORK VIDEO RECORDER FOR CCTV HIGHER END</b>		
M-2195	4 Channel - 1 SATA	Each	5624.00
M-2196	8 Channel - 1 SATA (1 No. Hard Disk)	Each	6490.00
M-2197	16 Channel - 2 SATA (2 Nos. Hard Disk)	Each	11893.00
M-2198	32 Channel - 2 SATA (2 Nos. Hard Disk)	Each	21624.00
<b>35</b>	<b>LAN NETWORK SWITCHES - HIGHER END</b>		
<b>I</b>	<b>Un-Managed 10 / 100 / 1000</b>		
M-2199	8 Port	Each	2000.00
M-2200	16 Port	Each	5245.00
M-2201	24 Port	Each	6436.00
<b>II</b>	<b>Semi-Managed 10 / 100 / 1000 - Higher End</b>		
M-2202	24 Port	Each	12107.00
<b>III</b>	<b>Fully Managed 10 / 100 / 1000 Layer-2 with 1G Uplink - Higher End</b>		
M-2203	8 Port	Each	17300.00
M-2204	24 Port	Each	35690.00
M-2205	24 Port with Fibre Port	Each	63810.00
M-2206	48 Port	Each	43240.00
<b>IV</b>	<b>Fully Managed 10 / 100 / 1000 Layer-2 with 10G Uplink- Higher End</b>		
M-2207	24 Port	Each	38930.00
M-2208	28 Port	Each	50000.00
<b>V</b>	<b>Fully Managed 10 / 100 / 1000 Layer-3 with 10G Uplink - Higher End</b>		
M-2209	24 Port	Each	113500.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
M-2210	24 Port with Fibre Port	Each	129700.00
M-2211	48 Port	Each	210800.00
<b>36</b>	<b>MEDIA CONVERTER FOR OPTICAL FIBRE CABLE HIGHER END</b>		
M-2212	Single Mode	Each	5408.00
M-2213	Multi Mode	Each	4867.00
<b>37</b>	<b>I/O SOCKET - HIGHER END</b>		
M-2214	RJ-45	Each	162.70
M-2215	RJ-11	Each	64.80
M-2216	CAT 6 PVC Module Box	Each	64.80
M-2217	Face Plate Single Socket RJ-45	Each	97.70
M-2218	Face Plate Dual Socket RJ-45	Each	108.00
M-2219	Face Plate Quad Socket RJ-45	Each	119.20
<b>38</b>	<b>HARD DISK FOR NVR - HIGHER END</b>		
M-2220	2 TB	Each	5948.00
M-2221	4 TB	Each	12600.00
M-2222	6 TB	Each	17090.00
M-2223	8 TB	Each	24870.00
<b>39</b>	<b>RACK WITH ACCESSORIES - HIGHER END</b>		
M-2224	2U Rack	Each	1946.00
M-2225	4U Rack	Each	2702.00
M-2226	6U Rack	Each	3243.00
M-2227	9U Rack	Each	4324.00
M-2228	12U Rack	Each	6487.00
M-2229	36U Rack	Each	21625.00
M-2230	42U Rack	Each	37840.00
M-2231	Fan extra for the above rack	Each	540.00
<b>40</b>	<b>PATCH CORD - HIGHER END</b>		
M-2232	1 Metre Length	Each	140.60
M-2233	2 Metre Length	Each	188.60
M-2234	3 Metre Length	Each	227.40
M-2235	24 Port Patch Panel – Unloaded	Each	2162.00
M-2236	24 Port Patch Panel – Fully Loaded	Each	4056.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
<b>XVII</b>	<b>PART "Q"</b>		
	<b>HIRE CHARGES FOR TEMPORARY ARRANGEMENTS</b>		
<b>1</b>	<b>METAL HALLIDE LAMP</b>		
H-0001	1 Day	Each	280.70
H-0002	2 Days	Each	353.00
H-0003	3 Days	Each	409.00
H-0004	4 Days	Each	460.00
H-0005	5 Days	Each	516.00
H-0006	6 Days	Each	561.00
H-0007	7 Days	Each	618.00
<b>2</b>	<b>GENERATOR - Starting and Ending Day</b>		
H-0008	62.5 KVA	Each	1797.00
H-0009	125 KVA	Each	3709.00
H-0010	250 KVA	Each	7421.00
H-0011	320 KVA	Each	8882.00
H-0012	500 KVA	Each	13493.00
<b>2</b>	<b>GENERATOR - Intermediate Days</b>		
H-0013	62.5 KVA	Each	1438.00
H-0014	125 KVA	Each	2967.00
H-0015	250 KVA	Each	5936.00
H-0016	320 KVA	Each	7107.00
H-0017	500 KVA	Each	10790.00
<b>3</b>	<b>CABLE</b>		
H-0018	2 of 7/20 sq.mm	RM	2.14
H-0019	4 of 7/20 sq.mm	RM	4.28
H-0020	4 of 19/16 sq.mm	RM	11.75
H-0021	4 of 7/16 sq.mm	RM	6.40
H-0022	4 of 120 sq.mm	RM	56.70
H-0023	3.5 x 180 sq.mm LTUG	RM	22.45
H-0024	4 of 185 sq.mm	RM	79.15
H-0025	3 Core Fluxible Wire	RM	3.21
H-0026	4 Core Fluxible Wire	RM	3.21

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
H-0027	4 Core 6 sq.mm Copper Cable	RM	6.40
H-0028	4 x 10 sq.mm Flexible Cable	RM	6.40
H-0029	2 of 3/20 sq.mm	RM	2.14
H-0030	3 1/2 x 50 sq.mm LTUG	RM	11.75
H-0031	Co-Axial Cable	RM	1.07
<b>4</b>	<b>SERIAL SET</b>		
H-0032	2 Days	RM	18.15
H-0033	3 Days	RM	26.75
H-0034	Fly Catcher 2 Days	Each	179.70
H-0035	Air Cooler with Stand 2 Days	Each	304.00
H-0036	Air Circulator 2 Days	Each	67.35
H-0037	Pedastal Fan	Each	44.90
H-0038	LED Nose Light	Each	19.15
H-0039	Earth Pipe	RM	34.20
H-0040	100A Change Over Switch	Each	169.00
H-0041	250A Change Over Switch	Each	179.70
H-0042	400A Change Over Switch	Each	224.20
H-0043	250A Change Over Switch with Panel Board	Each	842.30
H-0044	100A Panel Board with 100A TPN Switch & 5 Nos. 30A TPN switch with Bus Bar	Each	871.60
H-0045	250A Panel Board with 250A TPN Switch & 7 Nos. 63A DPMCB switch	Each	1124.00
H-0046	100A Panel Board incoming 100A TPN Switch with various range of TP/DP/SP MCB with suitable angle iron frame work	Each	831.00
H-0047	200A Panel Board	Each	898.00
H-0048	400A Panel Board	Each	1685.00
H-0049	4'40W Patty Tube Light with Fitting	Each	26.60
H-0050	15A / 5A Plug Board	Each	26.60
H-0051	Blank Post	Each	2080.00
H-0052	6mtr GI Post for Metal Halide Fitting	Each	101.70
H-0053	1.5 TR Split AC	Each	5622.00
H-0054	2 TR Split AC	Each	7534.00
H-0055	5 TR Split AC	Each	26530.00

Unique Code	Details	Per	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
H-0056	7.5 TR Ductable AC	Each	38790.00
H-0057	5 TR Slim Pack	Each	26315.00
H-0058	Air Curtain	Each	561.00
H-0059	High Power Audio System	Each	50600.00
H-0060	PA System	Each	7871.00
H-0061	Amplifier, Mic, XLR	Each	5622.00
H-0062	2 x 15 HF 3 Way Speaker	Each	1797.00
H-0063	1 x 15 HF Speaker	Each	1124.00
H-0064	4 x 12 Loud Speaker	Each	673.00
H-0065	Car Calling System arrangement	Each	3373.00
H-0066	Cordless Mic	Each	561.00
H-0067	Wired Mic	Each	561.00
H-0068	32 Channel Mixer Amplifier	Each	673.00
H-0069	Laptop to play CD Songs	Each	2248.00
H-0070	5 KVA with 1 Hour back-up	Each	8433.00
H-0071	Power Amplifier	Each	224.80
H-0072	Sony Video Camera	Each	5622.00
H-0073	42" Plasma Screen	Each	2810.00
H-0074	Mixer Board, Computer, UPS, etc	Each	8989.00
H-0075	200W LED Flood Light Fitting	Each	224.80
H-0076	5TR Slim Package AC	Each	28450.00
<b>Note:</b>	The Basic Rate adopted under this Head, "Annexure-VII – Rates of Electrical Items of Works" is exclusive of all taxes and GST.		

  
**Engineer-in-Chief &  
Chief Engineer (General),  
PWD, Chennai-5.**  
 AMM 28/1/23

**ANNEXURE-VIII**

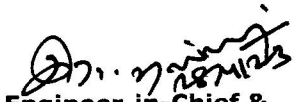
**RATES OF LABOUR, RATES OF MATERIALS AND RATES OF WORKS -  
EXCLUSIVELY FOR TEMPLE WORKS**

<b>Unique Code</b>	<b>Description</b>	<b>Unit</b>	<b>Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)</b>
<b>I</b>	<b>RATES OF LABOUR</b>		
<b>A</b>	<b>Ornamental Brick Work</b>		
L-0108	Sthapathy-I Class (Marking)	Day	1673.00
L-0109	Silpi-I Class	Day	1409.00
L-0110	Silpi-II Class	Day	1286.00
L-0111	Assistant Silpi	Day	918.00
<b>B</b>	<b>Panchavarnam Work</b>		
L-0112	Artist Painter-I Class	Day	1253.00
L-0113	Artist Painter-II Class	Day	1057.00
L-0114	Assistant Painter	Day	661.00
<b>C</b>	<b>Sudhai Work</b>		
L-0115	Silpi for Vighram	Day	1673.00
L-0116	Silpi for Ornamental Varagam	Day	1409.00
<b>D</b>	<b>Wood Work</b>		
L-0117	Vighraha Sthapathy	Day	1673.00
L-0118	Sthapathy-I Class	Day	1673.00
L-0119	Sthapathy-II Class	Day	1421.00
L-0120	Silpi-I Class	Day	1409.00
L-0121	Silpi-II Class	Day	1286.00
L-0122	Sthapathy Assistant	Day	1286.00
<b>E</b>	<b>Ornamental Stone Work</b>		
L-0123	Sthapathy-I Class (Marking)	Day	1673.00
L-0124	Sthapathy-II Class (Supervisor Sthapathy)	Day	1497.00
L-0125	Silpi-I Class	Day	1409.00
L-0126	Silpi-II Class	Day	1286.00
L-0127	Smith-I Class	Day	1409.00
L-0128	Smith-II Class	Day	1286.00
L-0129	Assistant Silpi	Day	918.00

Unique Code	Description	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
<b>II</b>	<b>RATES OF MATERIALS</b>		
1	Supply of high quality Burma Teakwood meant for the purpose of making the following items		
M-2258	Temple Pattern Ornamental Doors with high quality Burma Teakwood with 2" minimum to 7" maximum thick ornamental frames, 2" thick to 5" thick Kamala (Flower Planks), Creeper, Birds, Animal Figures, Sculptures, etc. Backside 1" thick to 3" plank including necessary carving, shaping, wastage, etc., as per approved plan and design.	cum.	309800.00
M-2259	Temple Chariot Ornamental Works consisting of Architectural Embellishments like, Peetas, Padmas, Pillars, Pilasters, Bodhikas, Kapotams, Koodu, Sikaram and other Ornamental Cornice works and also necessary Creepers, Kamalams, Animal, Bird Figures and Sculptures.	cum.	324800.00
M-2260	Kodimaram (Dwajasthambam) Stem 9" to 18" dia upto 30 feet height.	cum.	339800.00
2	Supply of Teakwood for making the following items		
M-2261	Temple Pattern Ornamental Doors with high quality teakwood (country) with 2" minimum to 7" maximum thick Ornamental Frames, 2" thick to 5" thick Kamala (Flower Planks), Creeper, Birds, Animal Figures, Sculptures, etc. Backside 1" thick to 3" plank including necessary carving, shaping, wastage, etc., as per approved plan and design.	cum.	199000.00
M-2262	Temple Chariot Beams, Temple Wooden Uttarams with minimum 9" thick to 18".	cum.	213021.00
M-2263	Kodimaram (Dwajasthambam) Stem 9" to 18" dia upto 30 feet height.	cum.	213021.00
3	Supply of Country Wood for making the following items using Vengai Wood		
M-2264	Temple Pattern Ornamental Doors with high quality Country Wood with 2" minimum to 7" maximum thick Ornamental Frames, 2" thick to 5" thick Kamala (Flower Planks), Creeper, Birds, Animal Figures, Sculptures, etc. Backside 1" thick to 3" plank including necessary carving, shaping, wastage, etc., as per approved plan and design.	cum.	120700.00
M-2265	Kodimaram / Dwajasthambam stem 9" to 18" dia upto 30 feet height.	cum.	135700.00
M-2266	Temple Chariot Beams, Temple Wooden Uttarams with minimum 9" thick.	cum.	150700.00
4	Supply of Country Wood for making the following items using Illuppai Wood.		
M-2267	Temple Chariot Beams, Temple Wooden Uttarams with minimum 9" to 18" thick.	cum.	95270.00

Unique Code	Description	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
5	Supply of Country Wood for making the following items using Atthi Wood. Temple God and Goddess Vahanams of required shape and size with ornamental features.		
M-2268	Scantling upto 40cm dia	cum.	31500.00
M-2269	Scantling upto 40cm dia	cum.	45348.00
M-2270	6. Supply of Country Wood for Temple wood work plank 9" to 15" width and frames upto 6" thick.	cum.	45348.00
7	Supply of Country Wood for making the following items using Mavili Wood upto 40cm dia.		
M-2271	Temple God and Goddess Vahanams of required shape and size with ornamental features.	cum.	45348.00
8	Supply of cut stone for carrying out Garpagraham, Arthamandapam, Maha Mandapam, Thirumathil and other Temple Structures upto 10 feet length		
M-2272	Thirumathil (Compound Wall)	cum.	12400.00
M-2273	Pillar (Column)	cum.	14000.00
M-2274	Uthiram (Beam)	cum.	14000.00
M-2275	Pavukkal (Ceiling Stone)	cum.	14000.00
M-2276	Nilaikal (Door Frame)	cum.	14000.00
9	Supply of cut stone for carrying out Garpagraham, Arthamandapam, Maha Mandapam, Thirumathil and other Temple Structures above 10 Feet length upto 14 feet length.		
M-2277	Pillar (Column)	cum.	16800.00
M-2278	Uthiram (Beam)	cum.	16800.00
M-2279	Pavukkal (Ceiling Stone)	cum.	16800.00
M-2280	Nilaikal (Door Frame)	cum.	16800.00
<b>III</b>	<b>RATES OF WORKS</b>		
1	Scaffolding charges for Vimanams and Gopurams with casurina posts coconut or palm trees wherever necessary for main, form work and providing with net lawn / PVC mesh coverings, providing ladder arrangements, country wood plank for working, inspection etc. complete, hire charges only for erection, maintenance and removing the same on completion of the work.		
W-0210	Vimanam / Gopuram upto 15' - 0' height	sqm.	257.00
W-0211	Vimanam / Gopuram upto 25' - 0' height	sqm.	344.40
W-0212	Gopurams upto 50' - 0' height	sqm.	439.70
W-0213	Gopurams upto 75' - 0' height	sqm.	550.50

Unique Code	Description	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
W-0214	Gopurams upto 100' - 0' height	sqm.	660.20
W-0215	Gopurams upto 150' - 0' height	sqm.	807.50
W-0216	<b>Labour Charges for Old Stone Removing:</b> Chitranvanam, Padma Jagati, Adhistanam, Kandam, Pattiyal, Jagati, Kumudagam, Aswapadam, Sthamaba, Sthambam, Kalasam, Thadi, Kudam, Palagai, Veerakandam, Bodhiyal, Uthiram, Kambu, Eludham, Kabothagam, Viyalam, Koodu, Ull Vari, Pavukkal, Thun, Flooring, Nilaikal, Bodhiyal Thani, Uthiram.	sqm.	1575.00
W-0217	<b>Labour Charges for Old Stone Removing:</b> Thanithun, Uthiram, Bodhiyal.	cum.	5169.00
W-0218	<b>Labour Charges for Old Stone Fixing:</b> Chitranvanam, Padma Jagati, Adhistanam, Kandam, Pattiyal, Jagati, Kumudagam.	sqm.	2364.00
W-0219	<b>Labour Charges for Old Stone Removing:</b> Aswapadam, Sthamaba, Sthambam, Kalasam, Thadi, Kudam, Palagai, Veerakandam, Bodhiyal, Uthiram, Kambu, Eludham, Kabothagam, Viyalam, Koodu, Ull Vari, Pavukkal, Thun, Flooring, Nilaikal, Bodhiyal Thani, Uthiram.	sqm.	3152.00
<b>NOTE:</b>			
1	The Basic Rate adopted under this Head, "Annexure-IX – Rates of Labour, Rates of Materials and Rates of Works - Exclusively for Temple Works" is exclusive of all taxes and GST.		


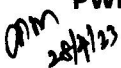
  
**Engineer-in-Chief &  
Chief Engineer (General),  
PWD, Chennai-5.**  
 AMM 28/4/23

# ANNEXURE-IX

## RATES OF ITEMS IN RESPECT OF HIGHWAYS DEPARTMENT


Unique Code	Description of Item	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
W-0220	Supplying and installation of <b>STRIP SEAL EXPANSION JOINT</b> system conforming to specifications for road and bridge works in the 40mm wide expansion gap provided in between decks over piers and in between deck and dirt wall over abutment with fatigue tested structural steel section at the nosing and anchorage assembly, including labour, equipment and incidental charges for fixing the joints complete in all respects, as per section 2600 of MORT & H specification (V Revision)	RM	12710.00
W-0221	Supplying and fixing 300mm wide <b>PVC EXPANSION JOINT</b> in the 20mm expansion gap provided in between decks over piers and in between deck and dirt wall over abutment as shown in the drawing including cost and conveyance of expansion joints including shalimar pad and joint sealant etc., complete	RM	594.00
W-0222	Supplying and fixing <b>GI DRAINAGE SPOUTS</b> 100mm dia as per GOI drawing SD/205 with grating arrangements at top as shown in the drawing and 100mm dia drainage spout projecting atleast 300mm beyond the bottom of deck slab as shown in the drawing, including cost and conveyance of Galvanised iron pipes and flats and fixing them in position, etc., complete as per cl 2705 of MORT&H specification. (V Revision)	Each	2271.00
W-0223	Supplying and fixing <b>KRAFT PAPER</b> for full width of seating of deck slab and including cost and conveyance to worksite, labour for fixing the same in correct position and all other incidental charges etc., complete.	sqm.	100.00
W-0224	Supplying and Fixing of <b>ELASTOMERIC BEARING</b> as shown in the drawing including cost and conveyance to work site, labour for fixing the bearing in position and all other incidental charges etc., complete as per section 2000 of MORT & H specification. (V Revision)	cu.cm.	1.61
6	<b>Supply of NP3 Class RCC Pipe</b> conforming to IS 458/2003 including cost of pipe as a finished work including all other incidental charges, testing charges including loading, unloading, transport and delivery in good condition at work site etc., complete, as directed by the Departmental Officers, as per standard specifications.		
W-0225	1200mm dia	RM	5686.00
W-0226	1000mm dia	RM	3888.00
W-0227	900mm dia	RM	3474.00

Unique Code	Description of Item	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
7	<b>Hoisting and fixing of NP3 Class RCC Pipe and Collars</b> in proper gradient including all labour charges and all other incidental charges etc., complete, as directed by the Departmental Officers, as per standard specifications.		
W-0228	1200mm dia	RM	256.00
W-0229	1000mm dia	RM	242.00
W-0230	900mm dia	RM	210.00
<b>NOTE:</b>			
1	The Basic Rate adopted under this Head, "Annexure-IX - Rates of Items in respect of Highways Department" is exclusive of all taxes and GST.		

  
**Engineer-in-Chief &  
Chief Engineer (General),  
PWD, Chennai-5.**  


**ANNEXURE-X**  
**RATES OF HIRE CHARGES FOR TOOLS AND PLANTS**

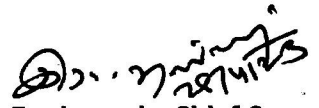
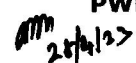
Unique Code	Description of Machineries	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	<b>HIRE CHARGES</b>		
H-0077	Power Roller / Road Roller	Each	985.00
H-0078	Tipper 10 Tonnes	Each	1307.00
H-0079	Loader	Each	1452.00
H-0080	Paver Finisher	Each	2940.00
H-0081	Vibrator Roller 8-10 Tonne	Each	6531.00
H-0082	Mini Hot Mix Plant 6 / 10	Each	2022.00
H-0083	Water Sprinkler	Each	1383.00
H-0084	Wet Mix Plant 75 Ton Capacity	Each	10767.00
H-0085	Electrical Generating Set 125 KVA	Each	6188.00
H-0086	Water Tank 6 KL Capacity (GSB)	Each	2395.00
H-0087	Motor Grader 110 HP	Each	16152.00
H-0088	Tractor - Rotovator	Each	3382.00
H-0089	Water Tanker (WMM)	Each	1028.00
H-0090	Base Mix Plant (Pug Mill)	Each	8037.00
H-0091	Central Hot Mix Plant	Each	11604.00
H-0092	Bitumen Boiler	Each	247.00
H-0093	Tractor with Dozer	Each	5376.00
H-0094	JCB	Each	6272.00
H-0095	Dewatering Pump with Engine	Each	2103.00
H-0096	Ajax Self Loading Concrete Mixer	Each	8960.00
<b>NOTE:</b>			
1	The Basic Rate adopted under this Head, "Annexure-X - Rates of Hire Charges for Tools and Plants" is exclusive of all taxes and GST.		
2	The Basic Rate adopted under this Head, "Annexure-X - Rates of Hire Charges for Tools and Plants" is calculated on per day basis of 8 hours.		

  
**Engineer-in-Chief &  
Chief Engineer (General),  
PWD, Chennai-5.**  
 28/4/23

# ANNEXURE-XI

## RATES OF HIRE CHARGES FOR PLANTS & MACHINERIES

Unique Code	Description of Machineries	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
H-0097	Pumping charges of concrete including hire charges of pump, piping work and accessories etc.	cum.	244.00
H-0098	Carriage of concrete by Transit Mixer	Km. / cum.	34.60
H-0099	Cutting Saw Machine	Day	1572.00
H-0100	Concrete Joint Cutting Machine	Day	1048.00
H-0101	Air Compressor 250 cfm. with two leads for Pneumatic Cutters / Hammers	Day	1864.00
H-0102	Excavation of diaphragm wall by Mechanical Grab	Day	1515.00
H-0103	Hire and running charges of Bentonite Pump	Day	4078.00
H-0104	Hire and running charges of Crane 20 Tonne capacity	Day	8155.00
H-0105	Hire and running charges of Crane 40 Tonne capacity	Day	9320.00
H-0106	Hire and running charges of Crane 80 Tonne capacity	Day	17480.00
<b>NOTE:</b>			
1	The Basic Rate adopted under this Head, "Annexure-XI - Rates of Hire Charges for Plants & Machineries" is exclusive of all taxes and GST.		
2	The above hire charges includes cost of services of operating staff, cost of lubricating oil, diesel / petrol / Kerosene and other consumables for running the plant and machinery.		
3	The hire charges of plant machinery on per day basis are for single shift of EIGHT working hours.		


  
**Engineer-in-Chief &  
 Chief Engineer (General),  
 PWD, Chennai-5.**  


## ANNEXURE-XII

### RATES OF PREFABRICATED CONCRETE STRUCTURES

Unique Code	Description of Works	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
W-0272	Fabrication and Manufacturing of Solid Precast Concrete Element in M-40 Grade Concrete (cement content 440 kgs.) with provisions of shear keys, connecting loops, dowel tubes and proper lifting accessories for walls, beams, slabs, stairs, column etc, of various thickness, shape and size of different concrete grades manufactured in Controlled Factory Environment with approved methodology including moulds (Pallet system, tilts form, table moulds, battery moulds, vertical moulds, beam moulds, column moulds, staircase moulds, facade mould, etc.), mixing, transporting and placing of concrete, vibrating, curing, finishing, making necessary cutout/holes of required sizes for services, yard handling & stacking all complete as per IS 11447:1985 and as per approved shop drawings and design mix as per the direction of Engineer-in-Charge (Cost of reinforcement, mechanical, electrical and plumbing inserts will be paid separately). Note: Excess / less cement over the specified cement content used as per design mix is payable / recoverable separately).	cum.	17589.00
	Fabrication and Manufacturing of Pre-stressed Hollow Core Slab in M-50 Grade Concrete (cement content 460 kgs.) (Hollow area 25 to 30%) of different thickness & modular width 1200mm in Controlled Factory Environment with approved methodology confirming to IS 10297:1982 by using long line casting method having arrangement of proper steel bed. Concreting should be done by batch mixing plant capable of producing zero slump concrete, transported through automatic shuttels of standard make and layed on bed with the help of extruder / slipformer, finishing, curing and also provision of steam curing. Cutting, making necessary cutout / holes of required sizes for services in slab element after achieving required strength, yard handling and stacking all complete as per approved shop drawings and design mix as per the direction of the Engineer-in-charge. (Cost of strands should be paid separately). Note: Excess / less cement over the specified cement content used as per design mix is payable / recoverable separately).	cum.	
W-0273	100mm thick Hollow Core Slab	RM	1114.00
W-0274	150mm thick Hollow Core Slab	RM	1573.00
W-0275	200mm thick Hollow Core Slab	RM	1911.00
W-0276	250mm thick Hollow Core Slab	RM	2340.00
W-0277	300mm thick Hollow Core Slab	RM	2768.00
W-0278	350mm thick Hollow Core Slab	RM	3197.00
W-0279	400mm thick Hollow Core Slab	RM	3625.00
W-0280	Providing and Laying in position Pre-stressing Steel Strands (Low Relaxation) on hollow core bed by using mechanical pulling arrangement like Rabbit / Bed Master including all accessories for stressing and destressing operations as per approved make conforming to IS1343 and grade FY-1860 etc, complete as per drawings and direction of Engineer-in-Charge	Kg.	156.65
	Transportation of Precast Elements by Flat Bed Trailor (Double / Triple Axle 40 feet length with proper accessories like 'A' Frame etc.) from factory, including the cost of loading, unloading and stacking at site with the help of required capacity Cranes.		
W-0281	Upto 5 Kolometre	MT	250.20
W-0282	For every additonal 5 Kilometre or part thereof	MT	77.00

Unique Code	Description of Works	Unit	Basic Rate approved for the year 2023-2024 (w.e.f. 01.05.2023)
	Erection and Installation of Precast / Pre-stressed Concrete Elements in correct and final position with proper line level and plumb at site making all arrangements (i.e. Cranes, Push-Pull Jacks and all other Tools & Plants for lifting, placing and alignment of elements, within erection tolerance as per IS:15916 as per approved shop drawings and all complete as per the direction of Engineer-in-Charge but excluding the cost of sim pads, non-shrink grout and steel works (i.e.) hangers.		
<b>I</b>	<b>Upto 20.00 metre height</b>		
W-0283	Pre-Stressed Hollow Core Slab upto 200mm thickness	sqm.	139.85
W-0284	Pre-Stressed Hollow Core Slab above 200mm upto 400mm thickness	sqm.	241.30
W-0285	Solid Concrete Wall Elements	cum.	1794.00
<b>II</b>	<b>20.00 metre to 30.00 metre height</b>		
W-0286	Pre-Stressed Hollow Core Slab upto 200mm thickness	sqm.	194.25
W-0287	Pre-Stressed Hollow Core Slab above 200mm upto 400mm thickness	sqm.	303.95
W-0288	Solid Concrete Wall Elements	cum.	2246.00
<b>III</b>	<b>30.00 metre to 40.00 metre height</b>		
W-0289	Pre-Stressed Hollow Core Slab upto 200mm thickness	sqm.	244.40
W-0290	Pre-Stressed Hollow Core Slab above 200mm upto 400mm thickness	sqm.	303.90
W-0291	Solid Concrete Wall Elements	cum.	2664.00
W-0292	Providing and Applying weather proof sealant on outer joints of approved make confirming to IS and directed by Engineer-in-Charge.	RM	114.00
	Providing & Laying of levelling shim pads required sizes (5 x 5cm to 10 x 10cm) of PVC / Rubber to adjust level of bearing surface of supporting members as per the direction of Engineer-in-Charge.		
W-0293	2mm thick	Each	19.10
W-0294	5mm thick	Each	24.10
W-0295	10mm thick	Each	34.10
W-0296	Providing & Grouting of Dowel Tubes / Shear keys / Joints of Precast Members with M-60 Grade cementitious grout (Non-Shrink) of approved make by suitable means (Free flowing / pump), curing etc., complete as per directions of Engineer-in-Charge. (The payment shall be made on the basis of actual weight of approved grout injected.)	Kg.	58.95
<b>NOTE:</b>			
1	The Basic Rate adopted under this Head, "Annexure-XII - Rates of Prefabricated Concrete Structures" is exclusive of all taxes and GST.		

  
 28/11/23  
 Engineer-in-Chief &  
 Chief Engineer (General),  
 PWD, Chennai-5.