



GOVERNMENT OF TAMIL NADU

SCHEDULE OF RATES

2024-2025

[WITH EFFECT FROM 15.07.2024]

VOLUME - II

BASIC RATES (EXCLUDING GST & OTHER TAXES)

Volume - I	PWD HIGHWAYS WRD	332 Pages
Volume - II	TWAD CMWSSB TNUHDB HR&CE HORTICULTURE	321 Pages
Volume - III	FORESTS TANGEDCO TANTRANSCO	350 Pages

GOVERNMENT OF TAMIL NADU
SCHEDULE OF RATES FOR THE YEAR 2024-25

PREFACE

To arrive at Schedule of Rates for the use of various departments under Government of Tamil Nadu, the Government of Tamil Nadu in G.O. (Ms).No 3, Public Works (G2) department, dated 14.03.2024 constituted a committee with Members comprising of Engineer in Chief and Chief Engineer (General), Public Works Department, Engineer in Chief and Chief Engineer (General), Water Resources Department, Director General, Highways Department, Principal Chief Conservator of Forest, Forest Department, Representative of Finance Department, Engineering Director, Tamil Nadu Water supply and Drainage Board, Engineering Director, Chennai Metropolitan Water Supply and Sewerage Board, Chief Engineer (Construction and Maintenance), Highways Department, Chief Engineer, Design Research & Construction Support, Water Resource Department, Chief Engineer, Tamil Nadu Generation and Distribution Corporation Limited and Chief Engineer, Tamil Nadu Urban Habitat Development Board. The Special invitees from various other Departments were also invited for discussion based on the requirement as decided by the Schedule of Rates Committee.

The prevailing market rates, Whole Sale Price Index of current year, TANCEM rate for Cement, SAIL rate for Steel, past five years data and various factors related to Rate of Materials, Rate of Labours, Rate of various items of work, Conveyance Table for various departments have been discussed and deliberated upon in several committee meetings. This Schedule of Rates includes existing items, deletion of few items which are not in use, addition of new items, and merger of similar items. After detailed deliberations and discussions, this Schedule of rates has been arrived at and approved by the committee for the year 2024-2025.

This Schedule of Rates is a comprehensive document that succinctly summarizes the standard rates and services required for construction projects which will be useful for departments in the preparation of estimates and deciding the Rate of Materials, Rate of Labours, Rate of various items of work. The contents of the Schedule of Rates are detailed below:

- Volume 1** Public Works Department, Highways Department and Water Resource Department.
- Volume 2** Tamil Nadu Water Supply and Drainage Board, Chennai Metropolitan Water Supply and Sewerage Board, Tamil Nadu Urban Habitat Development Board, Hindu Religious and Charitable Endowments Department and Tamil Nadu Horticulture Development Agency
- Volume 3** Forests Department, Tamil Nadu Generation and Distribution Corporation Limited and Tamil Nadu Transmission Corporation Limited.


For Committee
(Engineer - in - Chief &
Chief Engineer (General), PWD,
Chepauk, Chennai-5)

SCHEDULE OF RATES
FOR THE YEAR 2024-2025 (W.E.F.15.07.2024)
BASIC RATES (EXCLUDING GST & OTHER TAXES)

VOLUME I

(PUBLIC WORKS DEPARTMENT, HIGHWAYS DEPARTMENT & WATER RESOURCES DEPARTMENT)

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SCHEDULE OF RATES
FOR THE YEAR 2024-2025 (W.E.F.15.07.2024)
BASIC RATES (EXCLUDING GST & OTHER TAXES)

VOLUME II

(TWAD, CMWSSB, TNUHDB, HR & CE AND HORTICULTURE DEPARTMENT)

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SCHEDULE OF RATES
FOR THE YEAR 2024-2025 (W.E.F.15.07.2024)
BASIC RATES (EXCLUDING GST & OTHER TAXES)

VOLUME III
(FOREST, TANGEDCO AND TANTRANSCO DEPARTMENT)

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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD (TWAD)

Structure for Unique Item Codes

Item Code	Item Type
WD	Tamil Nadu Water Supply and Drainage Board
L	Labour
M	Materials
W	Works

Note:

Unique item codes in the Schedule of Rates are to be referenced during estimate preparation. The unique code follows a structure "WD-A1234" mentioned in the 'Unique Code' column in each sheet

1. GENERAL NOTES

1. For items not covered in the schedule of rates, the Superintending Engineer can fix the rates based on the lowest sealed quotations duly observing all the departmental formalities under intimation to the concerned Chief Engineer and Head Office.
2. For special nature of works, for which rates are not covered in the Schedule of Rates separate schedule of rates issued by the respective Officers / Department / Board are to be followed.
3. Extra percentage other than those for the specified areas noted below, shall not be allowed.
4. The labour rates are applicable for construction activities only and not for operation and maintenance of WSS/ UGSS schemes.
The wages paid to the labourers for operation and maintenance of WSS/ UGSS schemes should not be less than minimum wages as per the G.O issued by the Labour and Employment Department and as amended from time to time. In case the contractor engaged the labourers already worked in the CWSS, the wages already paid to the labourers should not be reduced at any cost.
- 5.

6. Special Nature of Works

- I. i) 5 times over the basic rates for earthwork excavation for leak rectification works is allowed.
ii) If the works are done (leak rectification works) in odd hours (i.e) 8.00PM to 8.00AM of the next day, 7.50 times over the basic rate is allowed.
- II. For individual footings of the service reservoirs, valve pits, Manholes in UGSS double the relevant rate for earthwork excavation is allowed.
- III. An extra 5% is allowed for laying of sewers under UGSS for earthwork excavation alone below 4m depth.

7. LEAD

- I. District-wise average lead may be approved by the concerned Chief Engineers based on the approved quarry by the PWD for CWSS.
Lead for respective local body such as Town panchayats, Municipalities and Corporation may be adopted separately for the stand alone water supply schemes/ UGSS and approved by the Executive Engineers concerned.
- II.

I. RATES FOR MATERIALS
(A. PIPES AND VALVES)

**1.0 UN PLASTICIZED PVC PIPES FOR POTABLE WATER SUPPLY AS PER
IS 4985 /2000**

Unique Code	Description	Unit	Rate for 2024-25 in Rupees
I	4KSC		
WD-M0001	63mm	Metre	53.60
WD-M0002	75mm	Metre	73.10
WD-M0003	90mm	Metre	100.40
WD-M0004	110mm	Metre	142.60
WD-M0005	140mm	Metre	238.10
WD-M0006	160mm	Metre	306.60
WD-M0007	180mm	Metre	397.60
WD-M0008	200mm	Metre	475.80
II	6KSC		
WD-M0009	50mm	Metre	47.10
WD-M0010	63mm	Metre	73.60
WD-M0011	75mm	Metre	101.70
WD-M0012	90mm	Metre	142.30
WD-M0013	110mm	Metre	196.80
WD-M0014	140mm	Metre	343.10
WD-M0015	160mm	Metre	430.70
WD-M0016	180mm	Metre	561.60
WD-M0017	200mm	Metre	697.00
III	10KSC		
WD-M0018	50mm	Metre	73.00
WD-M0019	63mm	Metre	110.90
WD-M0020	75mm	Metre	153.50
WD-M0021	90mm	Metre	221.90
WD-M0022	110mm	Metre	334.40
WD-M0023	140mm	Metre	547.50
WD-M0024	160mm	Metre	685.80

WD-M0025	180mm	Metre	886.40
WD-M0026	200mm	Metre	1091.00

Note :

1. The above rates are basic rates inclusive of transportation charges to stockyard excluding unloading anywhere in Tamilnadu.
2. Unloading, stacking at stock yard and Cost of loading from Stock-yard and unloading at site, Conveyance from stock yard to site (maximum of 8Km radius) are extra. This item should be included in the Estimate and BoQ as a separate item.
3. GST extra applicable as per GO.

1.1 PVC CASING PIPE AS PER IS 12818 / 2010

Unique Code	Description	Unit	Rate for 2024-25 in Rupees
WD-M0027	150mm CS	Metre	457.00
WD-M0028	150mm CM	Metre	594.00
WD-M0029	150mm RS	Metre	765.30
WD-M0030	200mm CS	Metre	766.40
WD-M0031	200mm CM	Metre	836.40
WD-M0032	200mm RS	Metre	1314.90

Note:

1. The above rates are basic rates inclusive of transportation charges to site anywhere in Tamilnadu.
2. GST extra applicable as per GO

CS - Casing Shallow depth Upto 80 m

CM - Casing Medium depth 81m to 250m

RS - Ribbed screen pipe

1.2 UN PLASTICIZED NON - PRESSURE POLYVINYL CHLORIDE (PVC-U) PIPES FOR USE IN UNDERGROUND DRAINAGE AND SEWERAGE SYSTEMS as per IS 15328/2003

Unique Code	Description	Unit	Rate for 2024 -25 in Rupees
I	SN8-SDR 34(S 16.5)		
WD-M0033	110mm	Per Metre	210.10
WD-M0034	125mm	Per Metre	264.50

WD-M0035	160mm	Per Metre	440.20
WD-M0036	200mm	Per Metre	686.70
WD-M0037	250mm	Per Metre	1059.40
WD-M0038	315mm	Per Metre	1678.70
II	SN4-SDR 41(S 20)		
WD-M0039	125mm	Per Metre	231.40
WD-M0040	160mm	Per Metre	353.70
WD-M0041	200mm	Per Metre	566.80
WD-M0042	250mm	Per Metre	886.30
WD-M0043	315mm	Per Metre	1364.80
III	SN2-SDR 51(S 25)		
WD-M0044	160mm	Per Metre	304.00
WD-M0045	200mm	Per Metre	475.00
WD-M0046	250mm	Per Metre	714.00
WD-M0047	315mm	Per Metre	1142.10

Note :

1. The above rates are basic rates inclusive of transportation charges to stockyard excluding unloading anywhere in Tamilnadu.
2. Unloading, stacking at stock yard and Cost of loading from Stockyard and unloading at site, Conveyance from stock yard to site (maximum of 8Km adius) are extra. This item should be included in the Estimate and BoQ as a separate item.
3. GST extra applicable as per GO

1.3 UPVC - Column pipe

SI No.	Description	Unit	Rate for 2024 -25 in Rupees
WD-M0048	25mm	Per Metre	89.00
WD-M0049	32mm	Per Metre	144.00
WD-M0050	40mm	Per Metre	192.00
WD-M0051	50mm	Per Metre	312.00
WD-M0052	65mm	Per Metre	401.00
WD-M0053	80mm	Per Metre	553.00
WD-M0054	100mm	Per Metre	832.00

Note:

1. The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2. GST extra applicable as per GO

1.4 PVC SPECIALS AS PER IS 7834/1987

Unique Code	Description	Unit	Rate for 2024-25 in Rupees
	PVC THREADED COUPLER		
WD-M0055	63 mm x 50 mm	Each	48.50
WD-M0056	75 mm x 50 mm	Each	73.80
WD-M0057	90 mm x 80 mm	Each	93.80
WD-M0058	110 mm x 100 mm	Each	167.50
WD-M0059	140 mm x 125 mm	Each	233.00
	UNEQUAL TEE		
WD-M0060	63 mm x 50 mm	Each	36.90
WD-M0061	75 mm X 50 mm	Each	44.20
WD-M0062	90 mm x 50 mm	Each	106.40
WD-M0063	90 mm x 63 mm	Each	99.10
WD-M0064	90 mm x 75 mm	Each	105.40
WD-M0065	110 mm x 50 mm	Each	92.70
WD-M0066	110mm x 63 mm	Each	93.80
WD-M0067	110 mm x 90mm	Each	187.60
WD-M0068	140mm x 50 mm	Each	379.30
WD-M0069	140 mm x 63 mm	Each	342.40
WD-M0070	140 mm x 90 mm	Each	356.10
WD-M0071	140 mm x 110 mm	Each	302.40
WD-M0072	160 mm x 50 mm	Each	483.60
WD-M0073	160 mm x 63 mm	Each	483.60
WD-M0074	160 mm x 90 mm	Each	248.70
WD-M0075	160 mm x 110mm	Each	285.50
WD-M0076	160 mm x140 mm	Each	582.60
	PVC REDUCER COUPLER		
WD-M0077	63 mm x 50 mm	Each	16.90
WD-M0078	75 mm x 63 mm	Each	13.70
WD-M0079	90 mm x 63 mm	Each	27.40
WD-M0080	90 mm x 75 mm	Each	22.10

WD-M0081	110 mm x 63 mm	Each	40.10
WD-M0082	110 mm x 75 mm	Each	45.30
WD-M0083	110 mm x 90 mm	Each	34.80
WD-M0084	140 mm x 63 mm	Each	123.30
WD-M0085	140 mm x 90 mm	Each	87.40
WD-M0086	140 mm x 110 mm	Each	54.80
WD-M0087	160 mm x 110 mm	Each	123.30
WD-M0088	160 mm x 140 mm	Each	101.10
	PVC REDUCER MULTI STAGE		
WD-M0089	90 mm x 63 mm	Each	27.40
WD-M0090	110 mm x 63 mm	Each	40.10
WD-M0091	110 mm x 75 mm	Each	45.30
WD-M0092	110 mm x 90 mm	Each	46.30
WD-M0093	140 mm x 90 mm	Each	146.80
	PVC REDUCER FABRICATED		
WD-M0094	75 mm x 63 mm	Each	13.70
WD-M0095	90 mm x 75 mm	Each	22.10
WD-M0096	110 mm x 90 mm	Each	34.80
WD-M0097	140 mm x 110 mm	Each	54.70
WD-M0098	160 mm x 140 mm	Each	101.10
	SADDLE PIECE		
WD-M0099	63 mm x 20 mm	Each	58.00
WD-M0100	75 mm x 20 mm	Each	67.40
WD-M0101	90 mm x 20 mm	Each	77.90
WD-M0102	110 mm x 20 mm	Each	90.60
WD-M0103	140 mm x 20 mm	Each	112.80
WD-M0104	160 mm x 20 mm	Each	128.60

Note:

1. The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2. GST extra applicable as per GO

1.5 PVC SPECIALS AS PER IS 10124/1982 Part-II cont..

Unique Code	Description	Rate for 2024-25 in Rupees											
		20mm	25mm	32mm	40mm	50mm	63mm	75mm	90mm	110mm	140mm	160mm	200mm
		A	B	C	D	E	F	G	H	I	J	K	L
WD-M0105	PVC Couplers fabricated 4 KSC	-	-	-	-		9.50	13.70	22.10	34.80	63.20	98.00	207.60
WD-M0106	PVC Couplers fabricated 6 KSC	-	-	-	-	7.30	14.70	22.10	34.80	52.70	91.70	146.50	302.40
WD-M0107	PVC Bends fabricated 4 KSC	-	-	-	-		27.40	45.30	68.50	116.90	288.80	395.10	760.80
WD-M0108	PVC Bends fabricated 6 KSC	-	-	-	-	22.10	42.20	70.60	107.50	182.30	418.30	582.70	1128.60
WD-M0109	PVC Equal Tee Fabricated 4 KSC	-	-	-	-		26.00	39.90	61.90	98.30	178.50	279.20	511.10
WD-M0110	PVC Equal Tee Fabricated BIS 10124/1982 PartV 6 KSC	-	-	-	-	20.00	40.60	62.00	96.50	154.00	258.80	411.80	648.10
WD-M0111	PVC Couplers (Mould) BIS 7834/1975 Part VI	3.20	3.20	5.20	5.20	10.60	23.10	35.80	52.70	81.20	174.90	225.50	318.60
WD-M0112	PVC Elbow (Mould) BIS 7834/1975 Part VI	3.20	5.20	10.50	13.40	29.50	46.30	60.10	104.40	153.90	176.00	285.50	556.10
WD-M0113	PVC Equal tee (Mould) BIS 7834/1975	4.20	8.50	12.60	22.10	35.80	56.90	74.80	123.30	205.40	263.50	386.70	813.70
WD-M0114	PVC Male Threaded Adopter					16.90	23.10	36.90	56.90	89.60	142.20	218.10	364.60
WD-M0115	PVC End Cap	2.10	3.20	5.20	8.50	11.60	17.90	21.10	29.90	56.90	78.60	108.70	201.30
WD-M0116	PVC Tail piece without flange (BIS marks)	-	-	-	-	19.70	20.80	27.40	42.50	69.40	118.40	181.20	300.30
WD-M0117	PVC flanged Tail piece	-	-	-	-		129.20	220.90	243.40	388.80	647.00	848.30	1269.80

Note: 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO

**1.6 UN PLASTICIZED O-PVC PIPES FOR POTABLE WATER SUPPLY AS PER
IS 16647 / 2017**

Unique Code	Description	Unit	Rate for 2024-25 in Rupees
I	PN 12.5 Class 500		
WD-M0118	110mm	Metre	728.60
WD-M0119	160mm	Metre	1197.40
WD-M0120	200mm	Metre	1573.50
WD-M0121	250mm	Metre	2070.60
WD-M0122	315mm	Metre	2505.30
WD-M0123	400mm	Metre	3712.60
II	PN 16 Class 500		
WD-M0124	110mm	Metre	804.50
WD-M0125	160mm	Metre	1341.20
WD-M0126	200mm	Metre	1768.10
WD-M0127	250mm	Metre	2357.00
WD-M0128	315mm	Metre	3119.30
WD-M0129	400mm	Metre	4701.10

- Note:
- 1) The above rates are basic rates inclusive of transportation charges to stockyard excluding unloading anywhere in Tamilnadu.
 - 2) Unloading, stacking at stock yard and Cost of loading from Stockyard and unloading at site, Conveyance from stock yard to site (maximum of 8Km radius) are extra. This item should be included in the Estimate and BoQ as a separate item.
 - 3) GST extra applicable as per GO

**1.7 MOULDED (OR) FABRICATED O-PVC FITTINGS COMPATIBLE WITH
O-PVC PIPES**

Unique Code	Description	Unit	Rate for 2024 -25 in Rupees
			PN-16
WD-M0130	45° DEG ELBOW DN 110mm	1 No.	1856.00
WD-M0131	45° DEG ELBOW DN 160mm	1 No.	2772.00
WD-M0132	45° DEG ELBOW DN 200mm	1 No.	4951.00
WD-M0133	45° DEG ELBOW DN 250mm	1 No.	6842.00
WD-M0134	45° DEG ELBOW DN 315mm	1 No.	9994.00
WD-M0135	45° DEG ELBOW DN 400mm	1 No.	14368.00
WD-M0136	22.5° DEG ELBOW DN 110mm	1 No.	1676.00
WD-M0137	22.5° DEG ELBOW DN 160mm	1 No.	2346.00
WD-M0138	22.5° DEG ELBOW DN 200 mm	1 No.	3668.00
WD-M0139	22.5° DEG ELBOW DN 250 mm	1 No.	5940.00
WD-M0140	22.5° DEG ELBOW DN 315 mm	1 No.	8614.00
WD-M0141	22.5° DEG ELBOW DN 400 mm	1 No.	12078.00
WD-M0142	11.25° DEG ELBOW DN 110mm	1 No.	1529.00
WD-M0143	11.25° DEG ELBOW DN 160mm	1 No.	2039.00
WD-M0144	11.25° DEG ELBOW DN 200mm	1 No.	3380.00
WD-M0145	11.25° DEG ELBOW DN 250mm	1 No.	5544.00
WD-M0146	11.25° DEG ELBOW DN 315mm	1 No.	8163.00
WD-M0147	11.25° DEG ELBOW DN 400mm	1 No.	11886.00
WD-M0148	90° DEG ELBOW DN 110mm	1 No.	2412.00
WD-M0149	90° DEG ELBOW DN 160mm	1 No.	3328.00
WD-M0150	90° DEG ELBOW DN 200mm	1 No.	3505.00
WD-M0151	90° DEG ELBOW DN 250mm	1 No.	8723.00
WD-M0152	90° DEG ELBOW DN 315mm	1 No.	13954.00
WD-M0153	90° DEG ELBOW DN 400mm	1 No.	16435.00
WD-M0154	SLIDING COUPLER DN 110mm	1 No.	1338.00
WD-M0155	SLIDING COUPLER DN 160mm	1 No.	1548.00

WD-M0156	SLIDING COUPLER DN 200mm	1 No.	2093.00
WD-M0157	SLIDING COUPLER DN 250mm	1 No.	3874.00
WD-M0158	SLIDING COUPLER DN 315mm	1 No.	8499.00
WD-M0159	SLIDING COUPLER DN 400mm	1 No.	14365.00
WD-M0160	110mm FLANGE SOCKET	1 No.	1680.00
WD-M0161	160mm FLANGE SOCKET	1 No.	2620.00
WD-M0162	200mm FLANGE SOCKET	1 No.	3601.00
WD-M0163	250mm FLANGE SOCKET	1 No.	4756.00
WD-M0164	315mm FLANGE SOCKET	1 No.	5973.00
WD-M0165	400mm FLANGE SOCKET	1 No.	9980.00
WD-M0166	REDUCER 110 X 90	1 No.	1750.00
WD-M0167	REDUCER 160 X 110	1 No.	2347.00
WD-M0168	REDUCER 200 X 160	1 No.	3885.00
WD-M0169	REDUCER 250 X 200	1 No.	6051.00
WD-M0170	REDUCER 315 X 250	1 No.	8675.00
WD-M0171	REDUCER 400 X 315	1 No.	12677.00
WD-M0172	Air Tee 110 X 40	1 No.	2750.00
WD-M0173	Air Tee 160 X 40	1 No.	3353.00
WD-M0174	Air Tee 200 X 50	1 No.	4396.00
WD-M0175	Air Tee 250 X 80	1 No.	5449.00
WD-M0176	Air Tee 315 X 80	1 No.	6777.00
WD-M0177	Air Tee 400 X 100	1 No.	11081.00
WD-M0178	EQUAL TEE 110 X 110	1 No.	4027.00
WD-M0179	EQUAL TEE 160 X 160	1 No.	6220.00
WD-M0180	EQUAL TEE 200 X 200	1 No.	8365.00
WD-M0181	EQUAL TEE 250 X 250	1 No.	10112.00
WD-M0182	EQUAL TEE 315 X 315	1 No.	13016.00
WD-M0183	EQUAL TEE 400 X 400	1 No.	16890.00

Note: 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO

**2.0 HDPE PIPES - PE 100 AS PER IS 4984/2016
(Pre-Compounded Resin)**

Unique Code	Description	Unit	Rate for 2024 -25 in Rupees
	PN 6		
WD-M0184	50 mm	Metre	78.50
WD-M0185	63 mm	Metre	123.50
WD-M0186	75 mm	Metre	176.50
WD-M0187	90 mm	Metre	250.50
WD-M0188	110 mm	Metre	379.70
WD-M0189	125 mm	Metre	483.10
WD-M0190	140 mm	Metre	605.10
WD-M0191	160 mm	Metre	793.30
WD-M0192	180 mm	Metre	998.40
WD-M0193	200 mm	Metre	1233.90
WD-M0194	225 mm	Metre	1560.20
WD-M0195	250 mm	Metre	1923.80
WD-M0196	280 mm	Metre	2400.90
WD-M0197	315 mm	Metre	3026.30
WD-M0198	355 mm	Metre	3843.30
WD-M0199	400 mm	Metre	4888.20
WD-M0200	450 mm	Metre	6341.50
WD-M0201	500 mm	Metre	7824.00
WD-M0202	560 mm	Metre	10082.20
WD-M0203	630 mm	Metre	12734.40
	PN 8		
WD-M0204	50 mm	Metre	96.50
WD-M0205	63 mm	Metre	150.50
WD-M0206	75 mm	Metre	217.00
WD-M0207	90 mm	Metre	304.20
WD-M0208	110 mm	Metre	455.10
WD-M0209	125 mm	Metre	586.50
WD-M0210	140 mm	Metre	737.30
WD-M0211	160 mm	Metre	965.30
WD-M0212	180 mm	Metre	1211.90
WD-M0213	200 mm	Metre	1494.10
WD-M0214	225 mm	Metre	1891.60

WD-M0215	250 mm	Metre	2326.30
WD-M0216	280 mm	Metre	2925.50
WD-M0217	315 mm	Metre	3705.90
WD-M0218	355 mm	Metre	4689.90
WD-M0219	400 mm	Metre	5967.00
WD-M0220	450 mm	Metre	8035.00
WD-M0221	500 mm	Metre	9939.50
WD-M0222	560 mm	Metre	12545.00
WD-M0223	630 mm	Metre	15861.50
	PN 10		
WD-M0224	50 mm	Metre	117.50
WD-M0225	63 mm	Metre	186.50
WD-M0226	75 mm	Metre	264.50
WD-M0227	90 mm	Metre	379.00
WD-M0228	110 mm	Metre	556.00
WD-M0229	125 mm	Metre	718.70
WD-M0230	140 mm	Metre	896.70
WD-M0231	160 mm	Metre	1176.30
WD-M0232	180 mm	Metre	1489.00
WD-M0233	200 mm	Metre	1831.40
WD-M0234	225 mm	Metre	2324.60
WD-M0235	250 mm	Metre	2856.80
WD-M0236	280 mm	Metre	3589.00
WD-M0237	315 mm	Metre	4538.20
WD-M0238	355 mm	Metre	5754.30
WD-M0239	400 mm	Metre	7333.10
WD-M0240	450 mm	Metre	9667.50
WD-M0241	500 mm	Metre	11575.00
WD-M0242	560 mm	Metre	15700.00
WD-M0243	630 mm	Metre	19179.00
	PN 12.5		
WD-M0244	50 mm	Metre	142.20
WD-M0245	63 mm	Metre	225.00
WD-M0246	75 mm	Metre	317.80
WD-M0247	90 mm	Metre	450.90
WD-M0248	110 mm	Metre	673.80
WD-M0249	125 mm	Metre	872.10

WD-M0250	140 mm	Metre	1094.10
WD-M0251	160 mm	Metre	1427.20
WD-M0252	180 mm	Metre	1797.50
WD-M0253	200 mm	Metre	2317.80
WD-M0254	225 mm	Metre	2812.80
WD-M0255	250 mm	Metre	3472.90
WD-M0256	280 mm	Metre	4350.00
WD-M0257	315 mm	Metre	5504.30
WD-M0258	355 mm	Metre	6958.00
WD-M0259	400 mm	Metre	8855.10
WD-M0260	450 mm	Metre	11656.50
WD-M0261	500 mm	Metre	14409.00
WD-M0262	560 mm	Metre	18097.50
WD-M0263	630 mm	Metre	22910.70
	PN 16		
WD-M0264	50 mm	Metre	169.00
WD-M0265	63 mm	Metre	258.60
WD-M0266	75 mm	Metre	377.20
WD-M0267	90 mm	Metre	536.50
WD-M0268	110 mm	Metre	806.00
WD-M0269	125 mm	Metre	1035.60
WD-M0270	140 mm	Metre	1302.60
WD-M0271	160 mm	Metre	1697.50
WD-M0272	180 mm	Metre	2143.30
WD-M0273	200 mm	Metre	2650.90
WD-M0274	225 mm	Metre	3346.70
WD-M0275	250 mm	Metre	4132.20
WD-M0276	280 mm	Metre	5188.20
WD-M0277	315 mm	Metre	6551.70
WD-M0278	355 mm	Metre	8335.60
WD-M0279	400 mm	Metre	10577.20
WD-M0280	450 mm	Metre	13687.00
WD-M0281	500 mm	Metre	16911.50

Note:

1. The above rates are basic rates inclusive of transportation charges to stockyard excluding unloading anywhere in Tamilnadu.
2. Unloading, stacking at stock yard and cost of loading from Stockyard and unloading at site, Conveyance from stock yard to site (maximum of 8 Km radius)are extra. This item should be included in the Estimate and BoQ as a seperate item.
3. GST extra applicable as per GO

**2.1 SPECIALS FOR HDPE PIPES AS PER IS 8360/1977/Part I(Reaffirmed 1992)
Part II and III (Reaffirmed 2002)**

Unique Code	Description	Unit	Rate for 2024-25 in Rupees	
			90 Degree Bend	Equal Tee
			A	B
	PN 6			
WD-M0282	50 mm	Each	45.80	69.70
WD-M0283	63 mm	Each	72.80	110.30
WD-M0284	75 mm	Each	125.90	184.00
WD-M0285	90 mm	Each	243.00	336.00
WD-M0286	110 mm	Each	448.00	570.00
WD-M0287	125 mm	Each	618.80	637.60
WD-M0288	140 mm	Each	851.80	873.60
WD-M0289	160 mm	Each	1234.50	1288.60
WD-M0290	180 mm	Each	1419.60	1831.50
WD-M0291	200 mm	Each	1936.50	2438.80
WD-M0292	225 mm	Each	2781.00	3442.40
WD-M0293	250 mm	Each	3827.20	4676.90
WD-M0294	280 mm	Each	5292.60	6502.10
WD-M0295	315 mm	Each	7666.90	8968.00
WD-M0296	355 mm	Each	10745.30	12541.40
WD-M0297	400 mm	Each	15881.90	18342.50
WD-M0298	450 mm	Each	22483.80	26040.60
WD-M0299	500 mm	Each	29553.70	40893.90
WD-M0300	560 mm	Each	40291.70	56230.80
WD-M0301	630 mm	Each	62925.20	77864.80
	PN 8			
WD-M0302	125 mm	Each	589.70	676.00
WD-M0303	140 mm	Each	787.30	924.60
WD-M0304	160 mm	Each	1120.10	1337.50

WD-M0305	180 mm	Each	1564.20	1866.80
WD-M0306	200 mm	Each	2027.00	2492.90
WD-M0307	225 mm	Each	2891.20	3476.80
WD-M0308	250 mm	Each	3891.70	4690.40
WD-M0309	280 mm	Each	5383.10	6481.30
WD-M0310	315 mm	Each	11185.20	8878.50
WD-M0311	355 mm	Each	15952.60	12351.10
WD-M0312	400 mm	Each	23283.60	17910.90
WD-M0313	450 mm	Each	33166.70	25294.90
WD-M0314	500 mm	Each	45492.80	45750.70
WD-M0315	560 mm	Each	63930.90	57281.20
WD-M0316	630 mm	Each	91027.10	72936.30
	PN 10			
WD-M0317	50 mm	Each	64.50	107.20
WD-M0318	63 mm	Each	109.20	164.00
WD-M0319	75 mm	Each	182.00	278.00
WD-M0320	90 mm	Each	343.50	475.00
WD-M0321	110 mm	Each	606.40	816.00
WD-M0322	125 mm	Each	860.10	923.30
WD-M0323	140 mm	Each	1261.60	1360.00
WD-M0324	160 mm	Each	1780.50	1992.00
WD-M0325	180 mm	Each	2216.30	2769.00
WD-M0326	200 mm	Each	3029.60	3788.50
WD-M0327	225 mm	Each	4344.10	5391.20
WD-M0328	250 mm	Each	5957.20	7334.20
WD-M0329	280 mm	Each	8234.80	10248.10
WD-M0330	315 mm	Each	11939.20	14522.00
WD-M0331	355 mm	Each	16786.70	21167.20
WD-M0332	400 mm	Each	24858.10	30400.80
WD-M0333	450 mm	Each	35085.50	43055.00

WD-M0334	500 mm	Each	46088.70	63774.90
WD-M0335	560 mm	Each	63979.80	95677.80
WD-M0336	630 mm	Each	94890.70	142334.40
	PN 12.5			
WD-M0337	125 mm	Each	868.40	1068.50
WD-M0338	140 mm	Each	1210.60	1602.80
WD-M0339	160 mm	Each	1732.70	2379.70
WD-M0340	180 mm	Each	2406.60	3303.00
WD-M0341	200 mm	Each	3216.80	4565.50
WD-M0342	225 mm	Each	4579.20	6270.20
WD-M0343	250 mm	Each	5849.00	8555.10
WD-M0344	280 mm	Each	8371.00	12058.80
WD-M0345	315 mm	Each	17080.00	15833.00
WD-M0346	355 mm	Each	23498.80	22651.20
WD-M0347	400 mm	Each	33178.10	30289.00
WD-M0348	450 mm	Each	48354.80	57325.90
WD-M0349	500 mm	Each	66272.00	82202.70
WD-M0350	560 mm	Each	93004.10	115405.70
WD-M0351	630 mm	Each	132453.40	164294.00
	PN 16			
WD-M0352	50 mm	Each	93.60	147.70
WD-M0353	63 mm	Each	155.00	230.00
WD-M0354	75 mm	Each	258.00	346.00
WD-M0355	90 mm	Each	485.00	534.30
WD-M0356	110 mm	Each	874.00	781.10
WD-M0357	125 mm	Each	1180.40	1207.50
WD-M0358	140 mm	Each	1647.40	1733.70
WD-M0359	160 mm	Each	2679.00	2460.70
WD-M0360	180 mm	Each	3716.00	3487.20
WD-M0361	200 mm	Each	5038.20	4760.10

WD-M0362	225 mm	Each	7120.10	6593.60
WD-M0363	250 mm	Each	9423.50	9194.70
WD-M0364	280 mm	Each	13473.20	12857.60
WD-M0365	315 mm	Each	22367.00	17370.10
WD-M0366	355 mm	Each	32629.00	26302.70
WD-M0367	400 mm	Each	47335.40	37951.70
WD-M0368	450 mm	Each	67367.30	52761.30
WD-M0369	500 mm	Each	104606.40	84020.00

Note: 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

3.0 A.C.PRESSURE PIPES AS PER IS 1592 / 2003

Unique Code	Description	Unit	Rate for 2024-25 in Rupees
I	Class 15		
WD-M0370	80mm	Metre	307.90
WD-M0371	100mm	Metre	404.60
WD-M0372	125mm	Metre	528.40
WD-M0373	150mm	Metre	743.60
WD-M0374	200mm	Metre	1231.40
WD-M0375	250mm	Metre	1560.00
WD-M0376	300mm	Metre	2183.00
WD-M0377	350mm	Metre	2661.40
WD-M0378	400mm	Metre	3773.20
WD-M0379	450mm	Metre	4479.30
II	Class 20		
WD-M0380	80mm	Metre	337.00
WD-M0381	100mm	Metre	514.80
WD-M0382	125mm	Metre	658.40
WD-M0383	150mm	Metre	925.60
WD-M0384	200mm	Metre	1575.60
WD-M0385	250mm	Metre	2023.90
WD-M0386	300mm	Metre	2844.40
WD-M0387	350mm	Metre	3459.10
WD-M0388	400mm	Metre	4935.90
WD-M0389	450mm	Metre	5946.80

Note :

- 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
- 2) GST extra applicable as per GO

3.1 A.C. COUPLER AS PER IS 1592 /2003

Unique Code	Description	Unit	Rate for 2024-25 in Rupees
I	Class 15		
WD-M0390	80mm	Each	266.30
WD-M0391	100mm	Each	344.30
WD-M0392	125mm	Each	433.70
WD-M0393	150mm	Each	520.00
WD-M0394	200mm	Each	890.30
WD-M0395	250mm	Each	1039.00
WD-M0396	300mm	Each	1318.80
WD-M0397	350mm	Each	1721.20
WD-M0398	400mm	Each	2533.50
WD-M0399	450mm	Each	2993.20
II	Class 20		
WD-M0400	80mm	Each	282.90
WD-M0401	100mm	Each	365.10
WD-M0402	125mm	Each	467.00
WD-M0403	150mm	Each	614.70
WD-M0404	200mm	Each	955.80
WD-M0405	250mm	Each	1285.50
WD-M0406	300mm	Each	1665.10
WD-M0407	350mm	Each	2158.00
WD-M0408	400mm	Each	3217.80
WD-M0409	450mm	Each	3847.00

Note :

- 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
- 2) GST extra applicable as per GO

3.2 C.I.D.JOINTS AS PER IS 8794 / 1988

Unique Code	Description	Unit	Rate for 2024 -25 in Rupees
I	Class 15		
WD-M0410	80mm	Each	462.80
WD-M0411	100mm	Each	580.60
WD-M0412	125mm	Each	731.70
WD-M0413	150mm	Each	937.30
WD-M0414	200mm	Each	1363.70
WD-M0415	250mm	Each	1774.00
WD-M0416	300mm	Each	2140.30
WD-M0417	350mm	Each	3600.40
WD-M0418	400mm	Each	4489.50
WD-M0419	450mm	Each	5391.40
II	Class 20		
WD-M0420	80mm	Each	474.60
WD-M0421	100mm	Each	588.10
WD-M0422	125mm	Each	789.50
WD-M0423	150mm	Each	950.20
WD-M0424	200mm	Each	1449.40
WD-M0425	250mm	Each	1910.00
WD-M0426	300mm	Each	2088.80
WD-M0427	350mm	Each	3830.70
WD-M0428	400mm	Each	4597.60
WD-M0429	450mm	Each	5431.00

Note :

- 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
- 2) GST extra applicable as per GO

4.0 C.I. SPUN PIPES AS PER IS 1536/2001 Amendment No.3.July 2008

Unique Code	Size of pipes	Unit	Rate for 2024 -25 in Rupees
I	LA Class		
WD-M0430	80mm	Metre	1448.20
WD-M0431	100mm	Metre	1794.50
WD-M0432	125mm	Metre	2339.10
WD-M0433	150mm	Metre	2777.10
WD-M0434	200mm	Metre	4013.20
WD-M0435	250mm	Metre	5408.60
WD-M0436	300mm	Metre	6976.00
WD-M0437	350mm	Metre	9025.20
WD-M0438	400mm	Metre	10981.70
WD-M0439	450mm	Metre	13242.90
WD-M0440	500mm	Metre	15503.00
WD-M0441	600mm	Metre	20660.70
WD-M0442	700mm	Metre	26516.00
WD-M0443	750mm	Metre	29798.80
II	A Class		
WD-M0444	80mm	Metre	1574.90
WD-M0445	100mm	Metre	1976.50
WD-M0446	125mm	Metre	2555.00
WD-M0447	150mm	Metre	3040.60
WD-M0448	200mm	Metre	4357.00
WD-M0449	250mm	Metre	5875.40
WD-M0450	300mm	Metre	7626.00
WD-M0451	350mm	Metre	9789.50
WD-M0452	400mm	Metre	12001.90

WD-M0453	450mm	Metre	14549.30
WD-M0454	500mm	Metre	16888.40
WD-M0455	600mm	Metre	22554.30
WD-M0456	700mm	Metre	28878.90
WD-M0457	750mm	Metre	32439.10
III	B Class		
WD-M0458	80mm	Metre	1689.10
WD-M0459	100mm	Metre	2108.30
WD-M0460	125mm	Metre	2752.10
WD-M0461	150mm	Metre	3272.70
WD-M0462	200mm	Metre	4713.40
WD-M0463	250mm	Metre	6371.10
WD-M0464	300mm	Metre	8264.70
WD-M0465	350mm	Metre	10617.70
WD-M0466	400mm	Metre	12955.60
WD-M0467	450mm	Metre	15696.30
WD-M0468	500mm	Metre	18270.10
WD-M0469	600mm	Metre	24434.20
WD-M0470	700mm	Metre	31116.40
WD-M0471	750mm	Metre	35094.50

Note :

1. The above rates are basic rates inclusive of transportation charges to stockyard excluding unloading anywhere in Tamilnadu.
2. Unloading, stacking at stock yard and Cost of loading from Stockyard and unloading at site, Conveyance from stock yard to site (maximum of 8Km radius) are extra. This item should be included in the Estimate and BoQ as a separate item.
3. GST extra applicable as per GO

4.1 C.I D/F PIPES AS PER IS 7181/1986 & IS 1537/1996

Unique Code	Size	Unit	Rate for 2024 -25 in Rupees.
I	STANDARD		
WD-M0472	80mm to 200mm	Kg	99.20
WD-M0473	250mm to 400mm	Kg	104.10
WD-M0474	450mm to 750mm	Kg	109.20
II	NON-STANDARD		
WD-M0475	80mm to 200mm	Kg	106.60
WD-M0476	250mm to 400mm	Kg	109.20
WD-M0477	450mm to 750mm	Kg	115.40

4.2 CI D/F SPECIALS & S/S SPECIALS AS PER IS 1538/1993

Unique Code	Size	Unit	Rate for 2024-25 in Rupees.
I	STANDARD		
WD-M0478	80mm to 200mm	Kg	94.10
WD-M0479	250mm to 400mm	Kg	109.20
WD-M0480	450mm to 750mm	Kg	119.20
II.	NON-STANDARD		
WD-M0481	80mm to 200mm	Kg	99.20
WD-M0482	250mm to 400mm	Kg	115.40
WD-M0483	450mm to 750mm	Kg	123.00

Note :

- 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
- 2) GST extra applicable as per GO

5.0 G I PIPES (MEDIUM) AS PER IS 1239/PART I/2004

Unique Code	Description	Unit	Rate for 2024 -25 in Rupees
WD-M0484	15mm	Metre	120.60
WD-M0485	20mm	Metre	157.80
WD-M0486	25mm	Metre	234.40
WD-M0487	32mm	Metre	292.90
WD-M0488	40mm	Metre	341.40
WD-M0489	50mm	Metre	464.30
WD-M0490	65mm	Metre	593.80
WD-M0491	80mm	Metre	735.80
WD-M0492	100mm	Metre	1048.10
WD-M0493	125mm	Metre	1505.50
WD-M0494	150mm	Metre	1684.70

Note :

- 1) The above rates are basic rates inclusive of transportation charges to stockyard excluding unloading anywhere in Tamilnadu.
- 2) Unloading, stacking at stock yard and Cost of loading from Stockyard and unloading at site,Conveyance from stock yard to site (maximum of 8Km radius) are extra. This item should be included in the Estimate and BoQ as a separate item.
- 3) GST extra applicable as per GO

5.1 a G.I. SPECIALS AS PER IS 1239/ PART II

Unique Code	Description	Unit	Rates for 2024-25 in Rupees
	GI REDUCER (HEAVY)		
WD-M0495	150 mm x 125 mm	Each	996.10
WD-M0496	150 mm x 100 mm	Each	1025.80
WD-M0497	150 mm x 80 mm	Each	1025.80
WD-M0498	125 mm x 100 mm	Each	904.90

WD-M0499	125 mm x 80 mm	Each	922.90
WD-M0500	125 mm x 65 mm	Each	914.40
WD-M0501	125 mm x 50 mm	Each	922.90
WD-M0502	100 mm x 80 mm	Each	635.50
WD-M0503	100 mm x 65 mm	Each	635.50
WD-M0504	100 mm x 50 mm	Each	621.70
WD-M0505	80 mm x 65 mm	Each	385.20
WD-M0506	80 mm x 50 mm	Each	396.80
WD-M0507	80 mm x 40 mm	Each	388.30
WD-M0508	80 mm x 32 mm	Each	396.80
WD-M0509	65 mm x 50 mm	Each	271.60
WD-M0510	65 mm x 40 mm	Each	267.30
WD-M0511	65 mm x 32 mm	Each	271.60
WD-M0512	65 mm x 20 mm	Each	269.50
WD-M0513	50 mm x 40 mm	Each	149.60
WD-M0514	50 mm x 32 mm	Each	145.40
WD-M0515	50 mm x 20 mm	Each	145.40
WD-M0516	40 mm x 32 mm	Each	102.90
WD-M0517	40 mm x 20 mm	Each	100.80
	GI REDUCER (MEDIUM)		
WD-M0518	150 mm x 125 mm	Each	833.90
WD-M0519	150 mm x 100 mm	Each	816.80
WD-M0520	150 mm x 80 mm	Each	833.90
WD-M0521	125 mm x 100 mm	Each	685.30
WD-M0522	125 mm x 80 mm	Each	705.40
WD-M0523	125 mm x 65 mm	Each	698.10
WD-M0524	125 mm x 50 mm	Each	705.40
WD-M0525	100 mm x 80 mm	Each	449.80
WD-M0526	100 mm x 65mm	Each	458.30

WD-M0527	100 mm x 50 mm	Each	458.30
WD-M0528	80 mm x 65 mm	Each	250.40
WD-M0529	80 mm x 50 mm	Each	200.50
WD-M0530	80 mm x 40 mm	Each	194.20
WD-M0531	80 mm x 32 mm	Each	196.20
WD-M0532	65 mm x 50 mm	Each	143.20
WD-M0533	65 mm x 40 mm	Each	143.20
WD-M0534	65 mm x 32 mm	Each	143.20
WD-M0535	65 mm x 20 mm	Each	140.00
WD-M0536	50 mm x 40 mm	Each	96.60
WD-M0537	50 mm x 32 mm	Each	94.50
WD-M0538	50 mm x 20 mm	Each	96.60
WD-M0539	40 mm x 32 mm	Each	61.60
WD-M0540	40 mm x 20 mm	Each	61.60
	G I UNEQUAL TEE (HEAVY)		
WD-M0541	150 mm x 125 mm	Each	2124.90
WD-M0542	150 mm x 100 mm	Each	2147.10
WD-M0543	150 mm x 80 mm	Each	1778.00
WD-M0544	125 mm x 100 mm	Each	1778.00
WD-M0545	125 mm x 80 mm	Each	1778.00
WD-M0546	125 mm x 65 mm	Each	1760.90
WD-M0547	125 mm x 50 mm	Each	1778.00
WD-M0548	100 mm x 80 mm	Each	1211.50
WD-M0549	100 mm x 65mm	Each	1234.80
WD-M0550	100 mm x 50 mm	Each	1234.80
WD-M0551	80 mm x 65 mm	Each	700.10
WD-M0552	80 mm x 50 mm	Each	720.30
WD-M0553	80 mm x 40 mm	Each	706.60
WD-M0554	80 mm x 32 mm	Each	718.20

WD-M0555	65 mm x 50 mm	Each	529.40
WD-M0556	65 mm x 40 mm	Each	519.80
WD-M0557	65 mm x 32 mm	Each	529.40
WD-M0558	65 mm x 20 mm	Each	525.10
WD-M0559	50 mm x 40 mm	Each	314.10
WD-M0560	50 mm x 32 mm	Each	306.60
WD-M0561	50 mm x 20 mm	Each	314.10
WD-M0562	40 mm x 32 mm	Each	195.20
WD-M0563	40 mm x 20 mm	Each	199.50
WD-M0564	32 mm x 20 mm	Each	142.20
	G.I UNEQUAL TEE(MEDIUM)		
WD-M0565	150 mm x 125 mm	Each	1313.40
WD-M0566	150 mm x 100 mm	Each	1313.40
WD-M0567	150 mm x 80 mm	Each	1287.90
WD-M0568	125 mm x 100 mm	Each	1065.10
WD-M0569	125 mm x 80 mm	Each	1065.10
WD-M0570	125 mm x 65 mm	Each	1054.50
WD-M0571	125 mm x 50 mm	Each	1065.10
WD-M0572	100 mm x 80 mm	Each	701.30
WD-M0573	100 mm x 65mm	Each	701.30
WD-M0574	100 mm x 50 mm	Each	687.50
WD-M0575	80 mm x 65 mm	Each	335.30
WD-M0576	80 mm x 50 mm	Each	344.80
WD-M0577	80 mm x 40 mm	Each	344.80
WD-M0578	80 mm x 32 mm	Each	344.80
WD-M0579	65 mm x 50 mm	Each	243.00
WD-M0580	65 mm x 40 mm	Each	238.70

WD-M0581	65 mm x 32 mm	Each	243.00
WD-M0582	65 mm x 20 mm	Each	243.00
WD-M0583	50 mm x 40 mm	Each	140.00
WD-M0584	50 mm x 32 mm	Each	141.20
WD-M0585	50 mm x 20 mm	Each	143.20
WD-M0586	40 mm x 32 mm	Each	105.10
WD-M0587	40 mm x 20 mm	Each	105.10
WD-M0588	32 mm x 20 mm	Each	104.00
	MS BOLTS AND NUTS		
WD-M0589	16 mm dia x 65 to 90 mm length fully threaded bolts and nuts with 2 Nos.	Kg.	125.30
WD-M0590	20mm dia and above x 90mm to 120mm length fully threaded bolts and with nuts 2 Nos.	Kg.	130.60
	RUBBER INSERTION SHEET		
WD-M0591	3 Ply R.I. Sheet	Kg.	108.20
	AC COWL		
WD-M0592	80 mm dia	Each	38.30
WD-M0593	100 mm dia	Each	65.80

Note :

- 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
- 2) GST extra applicable as per GO

5.1b G.I. SPECIALS AS PER IS 1239/PART II

CONTINUED....

Unique Code	Description	Rate for 2024 -25 in Rupees										
		15mm	20mm	25mm	32mm	40mm	50mm	65mm	80mm	100mm	125mm	150mm
		A	B	C	D	E	F	G	H	I	J	K
WD-M0594	G.I. Equal Elbow plain	28.70	38.30	59.50	101.90	126.30	188.90	340.60	502.90	897.50	925.00	1948.00
WD-M0595	G.I. Equal Tee plain	44.60	55.20	78.50	115.70	169.70	281.10	441.40	628.00	1123.40	1617.70	2265.90
WD-M0596	G.I. Coupling	19.20	26.50	35.10	65.80	101.90	151.80	253.60	310.90	621.70	937.80	1891.50
WD-M0597	G.I. Flange set	-	-	-	-	-	90.00	110.40	127.50	211.00	307.40	1088.10
WD-M0598	G.I. Cross	65.80	82.80	136.90	219.60	283.30	427.60	661.00	1043.80	1373.70	1725.90	1725.90
WD-M0599	G.I. Hex Nipple	26.00	46.80	46.80	72.80	91.60	125.90	215.30	302.70	449.30	479.50	1032.00
WD-M0600	G.I. Three Way Elbow	57.30	88.10	130.60	205.80	267.30	429.60	429.60	-	-	-	-
WD-M0601	G.I.Plug Dia Head Taper Thread	11.10	25.40	25.40	43.10	43.10	49.80	91.00	124.80	180.10	251.90	463.00
WD-M0602	G.I.Bend	26.50	46.40	73.00	86.20	113.80	170.10	289.50	436.40	766.70	1108.10	2383.00
WD-M0603	G.I.Union	76.20	80.60	138.10	194.40	246.30	351.40	657.30	917.00	1361.10	1820.70	2705.60
WD-M0604	G.M. Ferrule	427.20	643.40	946.60	946.60	-	-	-	-	-	-	-
WD-M0605	G.I.stop cock	207.40	277.20	502.60	748.30	1113.30	1610.40	2053.30	2711.30	4156.00	5946.60	12529.00
WD-M0606	Rubber sheet for Flange set	-	-	-	-	-	18.10	18.10	25.50	49.90	52.00	121.00
WD-M0607	G.I. Reduced Elbow Plain	36.00	40.60	68.70	109.30	143.10	209.50	366.30	559.00	962.40	1387.20	1871.70
WD-M0608	G.I.Reduced Tee Plain	49.60	67.60	102.50	146.50	185.90	282.80	432.80	670.40	1263.30	1783.90	2129.90
WD-M0609	G.I. Reduced Socket Plain	28.20	57.40	62.00	87.90	135.20	192.70	246.80	380.90	536.40	694.10	1001.70
WD-M0610	G.I. Check Nut	18.00	25.90	33.80	50.80	67.60	92.40	152.20	200.50	267.00	338.00	975.80
WD-M0611	G.I.Reduced Nipple	27.00	30.40	56.40	108.10	128.50	196.00	365.10	422.60	593.80	842.90	1053.70
WD-M0612	G.I. Dummy (Heavy)	-	-	-	-	28.10	43.70	55.20	72.80	128.00	183.10	-
WD-M0613	G.I.Dummy (Medium)	-	-	-	-	25.50	36.10	51.00	61.60	121.00	184.60	-
WD-M0614	M.S.Saddle Piece	-	-	-	-	-	109.30	115.70	139.00	184.60	237.70	734.10
WD-M0615	Waste Not Tap	-	158.51	-	-	-	-	-	-	-	-	-
WD-M0616	C.I.Footvalve with stainer	-	-	-	-	-	489.10	-	726.60	-	-	-
WD-M0617	M.S.Clampset	-	-	-	-	217.50	251.40	431.80	606.80	720.30	0.00	1055.50

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO.

5.2 G.M GATE VALVES AS PER IS BS 5154 and related IS Specifications

Unique Code	Description	Rate for 2024 -25 in Rupees									
		15mm	20mm	25mm	32mm	40mm	50mm	65mm	80mm	100mm	125mm
		A	B	C	D	E	F	G	H	I	J
WD-M0618	G.M. Gate valves	-	607.30	813.60	1060.40	1460.40	2323.70	3557.60	5761.80	9682.10	14046.60
WD-M0619	G.M. Non Return valves	-	-	-	-	-	2650.00	2712.50	4257.10	-	-

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO

**6.0 DUCTILE IRON SOCKET/SPIGOT PIPES FOR CLASS K7
AS PER IS 8329/2000**

Unique Code	Description	Unit	Rate for 2024 -25 in Rupees
WD-M0620	100 mm	Metre	1361.80
WD-M0621	150 mm	Metre	1932.60
WD-M0622	200 mm	Metre	2497.20
WD-M0623	250 mm	Metre	3285.30
WD-M0624	300 mm	Metre	4197.60
WD-M0625	350mm	Metre	5155.50
WD-M0626	400 mm	Metre	6231.20
WD-M0627	450 mm	Metre	7365.60
WD-M0628	500 mm	Metre	8676.00
WD-M0629	600 mm	Metre	11440.36
WD-M0630	700 mm	Metre	14038.40
WD-M0631	750 mm	Metre	16115.80
WD-M0632	800 mm	Metre	18029.30
WD-M0633	900 mm	Metre	21019.80
WD-M0634	1000 mm	Metre	27367.10

Note : 1) The above rates are basic rates inclusive of transportation charges to stockyard excluding unloading anywhere in Tamilnadu.

2) Unloading, stacking at stock yard and Cost of loading from Stockyard and unloading at site,Conveyance from stock yard to site (maximum of 8Km radius) are extra. This item should be included in the Estimate and BoQ as a separate item.

3) GST extra applicable as per GO

**6.1 DUCTILE IRON SOCKET/SPIGOT PIPES FOR CLASS K9
AS PER IS 8329/2000**

Unique Code	Description	Unit	Rate for 2024 -25 in Rupees
WD-M0635	100 mm	Metre	1542.60
WD-M0636	150 mm	Metre	2233.00
WD-M0637	200 mm	Metre	2996.80

WD-M0638	250 mm	Metre	4019.40
WD-M0639	300 mm	Metre	5087.10
WD-M0640	350mm	Metre	6208.30
WD-M0641	400 mm	Metre	7450.60
WD-M0642	450 mm	Metre	8957.20
WD-M0643	500 mm	Metre	10356.10
WD-M0644	600 mm	Metre	13715.20
WD-M0645	700 mm	Metre	15817.90
WD-M0646	750 mm	Metre	17736.10
WD-M0647	800 mm	Metre	19403.20
WD-M0648	900 mm	Metre	23771.00
WD-M0649	1000 mm	Metre	28489.50

Note: 1) The above rates are basic rates inclusive of transportation charges to stockyard excluding unloading anywhere in Tamilnadu.

2) Unloading, stacking at stock yard and Cost of loading from Stockyard and unloading at site, Conveyance from stock yard to site (maximum of 8Km radius) are extra. This item should be included in the Estimate and BoQ as a separate item.

3) GST extra applicable as per GO

6.2 DUCTILE IRON CLASS PN10 FLANGED PIPES AS PER IS 8329/2000

Unique Code	Description	Unit	Rate for 2024 -25 in Rupees
I	1 m length of pipes		
WD-M0650	80 mm	Each	3428.50
WD-M0651	100 mm	Each	3855.00
WD-M0652	150 mm	Each	5342.30
WD-M0653	200 mm	Each	7109.50
WD-M0654	250 mm	Each	9555.80
WD-M0655	300 mm	Each	12459.10
WD-M0656	350mm	Each	15865.40

WD-M0657	400 mm	Each	21560.80
WD-M0658	450 mm	Each	26422.50
WD-M0659	500 mm	Each	30110.80
WD-M0660	600 mm	Each	38265.20
WD-M0661	700 mm	Each	51097.70
WD-M0662	750 mm	Each	58702.60
WD-M0663	800 mm	Each	66309.60
WD-M0664	900 mm	Each	92245.10
WD-M0665	1000mm	Each	107078.30
II	1.5 m length of pipes		
WD-M0666	80 mm	Each	4226.30
WD-M0667	100 mm	Each	4401.30
WD-M0668	150 mm	Each	6112.40
WD-M0669	200 mm	Each	8170.30
WD-M0670	250 mm	Each	10917.80
WD-M0671	300 mm	Each	14176.60
WD-M0672	350 mm	Each	18497.20
WD-M0673	400 mm	Each	24704.00
WD-M0674	450 mm	Each	30159.70
WD-M0675	500 mm	Each	34452.70
WD-M0676	600 mm	Each	44021.20
WD-M0677	700 mm	Each	58943.80
WD-M0678	750 mm	Each	68129.90
WD-M0679	800 mm	Each	77312.90
WD-M0680	900 mm	Each	106882.00
WD-M0681	1000 mm	Each	124473.30
III	2 m length of pipes		
WD-M0682	80 mm	Each	4951.90
WD-M0683	100 mm	Each	4951.90
WD-M0684	150 mm	Each	6883.60

WD-M0685	200 mm	Each	9231.10
WD-M0686	250 mm	Each	12278.80
WD-M0687	300 mm	Each	15892.90
WD-M0688	350mm	Each	21128.00
WD-M0689	400 mm	Each	27852.40
WD-M0690	450 mm	Each	33899.00
WD-M0691	500 mm	Each	38792.40
WD-M0692	600 mm	Each	49779.20
WD-M0693	700 mm	Each	66785.90
WD-M0694	750 mm	Each	77550.90
WD-M0695	800 mm	Each	88319.00
WD-M0696	900 mm	Each	121529.50
WD-M0697	1000mm	Each	141877.80
IV	2.5 m length of pipes		
WD-M0698	80 mm	Each	5501.40
WD-M0699	100 mm	Each	5501.40
WD-M0700	150 mm	Each	7653.70
WD-M0701	200 mm	Each	10293.00
WD-M0702	250 mm	Each	13635.60
WD-M0703	300 mm	Each	17611.40
WD-M0704	350 mm	Each	23754.60
WD-M0705	400 mm	Each	30999.80
WD-M0706	450 mm	Each	37638.00
WD-M0707	500 mm	Each	43134.30
WD-M0708	600 mm	Each	55539.30
WD-M0709	700 mm	Each	74630.50
WD-M0710	750 mm	Each	84819.50
WD-M0711	800 mm	Each	95008.50
WD-M0712	900 mm	Each	130251.50
WD-M0713	1000 mm	Each	152362.70

V	3 m length of pipes		
WD-M0714	80 mm	Each	6048.70
WD-M0715	100 mm	Each	6048.70
WD-M0716	150 mm	Each	8424.90
WD-M0717	200 mm	Each	11353.80
WD-M0718	250 mm	Each	15089.90
WD-M0719	300 mm	Each	19374.50
WD-M0720	350mm	Each	26388.50
WD-M0721	400 mm	Each	34138.70
WD-M0722	450 mm	Each	41378.60
WD-M0723	500 mm	Each	47472.90
WD-M0724	600 mm	Each	61301.60
WD-M0725	700 mm	Each	82480.50
WD-M0726	750 mm	Each	94010.20
WD-M0727	800 mm	Each	105539.00
WD-M0728	900 mm	Each	144251.90
WD-M0729	1000mm	Each	169013.10
VI	3.5 m length of pipes		
WD-M0730	80 mm	Each	6599.30
WD-M0731	100 mm	Each	6599.30
WD-M0732	150 mm	Each	9195.10
WD-M0733	200 mm	Each	12414.60
WD-M0734	250 mm	Each	16623.90
WD-M0735	300 mm	Each	21315.80
WD-M0736	350 mm	Each	29021.40
WD-M0737	400 mm	Each	37286.10
WD-M0738	450 mm	Each	45114.60
WD-M0739	500 mm	Each	51811.60
WD-M0740	600 mm	Each	67058.50
WD-M0741	700 mm	Each	90325.10

WD-M0742	750 mm	Each	103193.60
WD-M0743	800 mm	Each	116060.10
WD-M0744	900 mm	Each	158262.90
WD-M0745	1000 mm	Each	185645.30
VII	4 m length of pipes		
WD-M0746	80 mm	Each	7375.80
WD-M0747	100 mm	Each	7883.90
WD-M0748	150 mm	Each	11354.80
WD-M0749	200 mm	Each	15269.20
WD-M0750	250 mm	Each	20113.90
WD-M0751	300 mm	Each	25882.50
WD-M0752	350mm	Each	34778.30
WD-M0753	400 mm	Each	44676.70
WD-M0754	450 mm	Each	54083.90
WD-M0755	500 mm	Each	63257.60
WD-M0756	600 mm	Each	81873.70
WD-M0757	700 mm	Each	108900.70
WD-M0758	750 mm	Each	126341.30
WD-M0759	800 mm	Each	140227.20
WD-M0760	900 mm	Each	191359.90
WD-M0761	1000mm	Each	224542.80
VIII	5 m length of pipes		
WD-M0762	80 mm	Each	8552.00
WD-M0763	100 mm	Each	10240.30
WD-M0764	150 mm	Each	14912.40
WD-M0765	200 mm	Each	19706.70
WD-M0766	250 mm	Each	26768.20
WD-M0767	300 mm	Each	34198.30
WD-M0768	350 mm	Each	41284.10
WD-M0769	400 mm	Each	53294.50

WD-M0770	450 mm	Each	62636.70
WD-M0771	500 mm	Each	72177.50
WD-M0772	600 mm	Each	94626.90
WD-M0773	700 mm	Each	119667.20
WD-M0774	750 mm	Each	136486.30
WD-M0775	800 mm	Each	152882.90
WD-M0776	900 mm	Each	207897.90
WD-M0777	1000 mm	Each	244386.10

Note : 1) The above rates are basic rates inclusive of transportation charges to stockyard excluding unloading anywhere in Tamilnadu.

2) Unloading, stacking at stockyard and Cost of loading from Stockyard and unloading at site, Conveyance from stock yard to site (maximum of 8Km radius) are extra. This item should be included in the Estimate and BoQ as a separate item.

3) GST extra applicable as per GO

6.3 DUCTILE IRON SPECIALS AS PER IS 9523/2000

Unique Code	Description	Unit	Rate for 2024-25 in Rupees
	ALL SOCKET		
WD-M0778	100mm - 200 mm dia	Kg	146.70
WD-M0779	250 mm - 300 mm dia	Kg	149.00
WD-M0780	350 mm - 450 mm dia	Kg	151.00
WD-M0781	500 mm - 600 mm dia	Kg	151.00
WD-M0782	700 mm - 750 mm	Kg	224.40
WD-M0783	800mm	Kg	224.40
WD-M0784	900 mm	Kg	235.50
WD-M0785	1000 mm	Kg	255.70
	ALL FLANGE		
WD-M0786	100mm - 200 mm dia	Kg	147.90
WD-M0787	250 mm - 300 mm dia	Kg	153.00
WD-M0788	350 mm - 450 mm dia	Kg	157.10

WD-M0789	500 mm - 600 mm dia	Kg	160.20
WD-M0790	700 mm - 750 mm	Kg	229.50
WD-M0791	800 mm	Kg	232.40
WD-M0792	900 mm	Kg	244.80
WD-M0793	1000 mm	Kg	255.00

Note: In respect of flanged and spigot, flanged and socketted type specials, the rate applicable for flanged type specials is allowed.

- 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
- 2) GST extra applicable as per GO

7.0. HOUSE SERVICE CONNECTION IN WSS.

Unique Code	Description	Unit	Rate for 2024-25 in Rupees
1	HSC Connection in HDPE Mains for Water Supply Scheme		
	Electrofusion tapping saddle PE 80 blue, PN 12.5 with female threaded metal insert of SS 304 as per standards BS EN 12201 tested as per BS 6920 for drinking water in WRC-NSF Ltd, UK. (Non Wrap with top loading type). Sizes:63mm to 315mm dia distribution HDPE pipes.		
WD-M0794	20mm (1/2")	1 No.	575.00
WD-M0795	25mm (3/4")	1 No.	575.00
WD-M0796	32mm (1")	1 No.	575.00
2	HSC Connection in DI Mains for Water Supply Scheme		
	Providing suitable dia non corrosive engineering plastic moulded Clamp Saddle with SS 304 threaded metal inserted for tapping outlet suiting for 1/2", 3/4" & 1" clear bore and with wide plastic strap (Engineering Plastic) with SS 304 suitable bolts & nuts. Saddle to have sealing of Thermo plastic elastomeric (TPE) material around.		
WD-M0797	20mm (1/2")	1 No.	740.00
WD-M0798	25mm (3/4")	1 No.	850.00
WD-M0799	32mm (1")	1 No.	880.00

3	Common Items for HSC Connection		
i	Brass Ferrule as per IS 319 grade of sizes 15mm, 20mm and 25mm size and threaded as per IS:1554 BSPT, ISO:7-1 to suit the corresponding bore sizes of 15mm, 20mm and 25mm dia size (1/2", 3/4" and 1") in the saddle Connection as per IS :1554 BSPT, ISO:7-1		
WD-M0800	15mm (1/2")	1 No.	161.00
WD-M0801	20mm (3/4")	1 No.	250.00
WD-M0802	25mm (1")	1 No.	320.00
ii	Poly Propylene compression Female Threaded Adaptor with metal insert of SS 304 as per standards ISO 14236 and Tested as per BS 6920 in WRC-NSF LTD, UK for connecting 15mm, 20mm and 25mm outlet points of Brass ferrule of sizes 15mm, 20mm and 25mm respectively.		
WD-M0803	20mm (1/2")	1 No.	125.00
WD-M0804	25mm (3/4")	1 No.	160.00
WD-M0805	32mm (1")	1 No.	190.00
iii	Poly propylene 90 Degree Compression elbow with compression joint at both ends as per standards ISO 14236 and Tested as per BS 6920 in WRC-NSF LTD, UK suitable for 20mm, 25mm and 32mm OD MDPE pipes		
WD-M0806	20mm (1/2")	1 No.	70.00
WD-M0807	25mm (3/4")	1 No.	90.00
WD-M0808	32mm (1")	1 No.	145.00
iv	Poly Propylene compression Female Threaded Elbow with metal insert of SS 304 as per standards ISO 14236 and Tested as per BS 6920 in WRC-NSF LTD, UK suitable for 20mm, 25mm and 32mm OD MDPE pipes		
WD-M0809	20mm (1/2")	1 No.	130.00
WD-M0810	25mm (3/4")	1 No.	160.00
WD-M0811	32mm (1")	1 No.	200.00
v	Poly Propylene compression Male Threaded Adaptor with metal insert of SS 304 as per standards ISO 14236 and Tested as per BS 6920 in WRC-NSF LTD, UK suitable for 20mm, 25mm and 32mm OD MDPE pipes		

WD-M0812	20mm (1/2")	1 No.	114.00
WD-M0813	25mm (3/4")	1 No.	150.00
WD-M0814	32mm (1")	1 No.	185.00
vi	MDPE PE 80 PN16 Blue pipe as per standards ISO 4427 and Tested as per BS 6920 in WRC-NSF LTD, UK		
WD-M0815	20mm (1/2")	1M	24.00
vii	MDPE PE 80 PN12.5 Blue pipe as per standards ISO 4427 and Tested as per BS 6920 in WRC-NSF LTD, UK, suitable for 20mm, 25mm and 32mm OD MDPE pipes		
WD-M0816	25mm (3/4")	1M	35.00
WD-M0817	32mm (1")	1M	38.50
viii	U PVC ball valve with one side compression end and other side female end as per ISO 4422-4 and Tested as per BS 6920 in WRC-NSF LTD, UK,size : 20mm ODx-1/2"ID, 25mm ODX1/2"ID and 32mm OD X 3/4" ID		
WD-M0818	20mm (1/2")	1 No.	137.30
WD-M0819	25mm (3/4")	1 No.	172.00
WD-M0820	32mm (1")	1 No.	209.10
WD-M0821	Supply and delivery of protection box of size 20cm x 30cm for fixing of Water Meter. The box should be rectangular base in construction and material of construction should be weather resistant polyethylene (PE) blue /black .Reinforcement ribs should be provided at the walls of the box. Box should be at two components comprising body and lid. Lid should be press fitted to the body. No hinges should be used for opened /closed. Operation meter box should be provided with built in lock. The body as inlet and outlet windows to pass the pipe through suitable for use with pipes of sizes up to 1" .Base of the box should be designed in such a way .That the box can be installed to the floor/wall using anchor Bolts / screws without grouting the entire base of the meter Box .Provision for fixing Name plate showing the name of the Department etc., complete and as directed by the TWAD Board Officers.	1 No.	450.00

Note :

- 1) The above rates are basic rates inclusive of transportation charges to stockyard excluding unloading anywhere in Tamilnadu.
- 2) Unloading, stacking at stock yard and Cost of loading from Stockyard and unloading at site,Conveyance from stock yard to site (maximum of 8Km radius) are extra. This item should be included in the Estimate and BoQ as a separate item.
- 3) GST extra applicable as per GO

8.0 BAR WRAPPED STEEL CYLINDER PIPES AS PER IS 15155 - 2002

Unique Code	Description	Unit	Rate for 2024-25 in Rupees
	4 Ksc Pipe		
WD-M0822	350mm	Metre	4294.00
WD-M0823	400mm	Metre	4753.90
WD-M0824	450mm	Metre	5463.70
WD-M0825	500mm	Metre	5958.80
WD-M0826	600mm	Metre	7656.40
WD-M0827	700mm	Metre	8889.60
WD-M0828	800mm	Metre	10173.00
WD-M0829	900mm	Metre	12632.10
WD-M0830	1000mm	Metre	14628.90
WD-M0831	1100mm	Metre	20932.60
WD-M0832	1200mm	Metre	23236.90
WD-M0833	1300mm	Metre	25685.30
WD-M0834	1400mm	Metre	28673.60
WD-M0835	1500mm	Metre	34136.10
	6 Ksc Pipe		
WD-M0836	350mm	Metre	4296.40
WD-M0837	400mm	Metre	4761.00
WD-M0838	450mm	Metre	5470.80
WD-M0839	500mm	Metre	5971.70
WD-M0840	600mm	Metre	7667.00
WD-M0841	700mm	Metre	8913.00
WD-M0842	800mm	Metre	10187.10
WD-M0843	900mm	Metre	12645.00

WD-M0844	1000mm	Metre	14648.90
WD-M0845	1100mm	Metre	20946.70
WD-M0846	1200mm	Metre	23431.70
WD-M0847	1300mm	Metre	25699.50
WD-M0848	1400mm	Metre	28693.50
WD-M0849	1500mm	Metre	34163.10
	8 Ksc Pipe		
WD-M0850	350mm	Metre	4299.50
WD-M0851	400mm	Metre	4769.20
WD-M0852	450mm	Metre	5477.70
WD-M0853	500mm	Metre	5988.20
WD-M0854	600mm	Metre	7677.50
WD-M0855	700mm	Metre	8941.10
WD-M0856	800mm	Metre	10202.30
WD-M0857	900mm	Metre	12654.00
WD-M0858	1000mm	Metre	14670.00
WD-M0859	1100mm	Metre	20966.70
WD-M0860	1200mm	Metre	23236.90
WD-M0861	1300mm	Metre	25714.70
WD-M0862	1400mm	Metre	28719.30
WD-M0863	1500mm	Metre	34192.40
	10 Ksc Pipe		
WD-M0864	350mm	Metre	4302.20
WD-M0865	400mm	Metre	4773.90
WD-M0866	450mm	Metre	5489.50
WD-M0867	500mm	Metre	6004.60

WD-M0868	600mm	Metre	7691.70
WD-M0869	700mm	Metre	8972.10
WD-M0870	800mm	Metre	10221.20
WD-M0871	900mm	Metre	12662.60
WD-M0872	1000mm	Metre	14697.00
WD-M0873	1100mm	Metre	20993.70
WD-M0874	1200mm	Metre	23236.90
WD-M0875	1300mm	Metre	25734.60
WD-M0876	1400mm	Metre	28752.20
WD-M0877	1500mm	Metre	34225.30
	12 Ksc Pipe		
WD-M0878	350mm	Metre	4306.90
WD-M0879	400mm	Metre	4784.40
WD-M0880	450mm	Metre	5497.70
WD-M0881	500mm	Metre	6024.50
WD-M0882	600mm	Metre	7711.60
WD-M0883	700mm	Metre	8972.10
WD-M0884	800mm	Metre	10391.20
WD-M0885	900mm	Metre	12691.90
WD-M0886	1000mm	Metre	14897.60
WD-M0887	1100mm	Metre	21026.60
WD-M0888	1200mm	Metre	23380.00
WD-M0889	1300mm	Metre	25761.70
WD-M0890	1400mm	Metre	28793.30
WD-M0891	1500mm	Metre	34274.60

	14 Ksc Pipe		
WD-M0892	350mm	Metre	4310.40
WD-M0893	400mm	Metre	4800.80
WD-M0894	450mm	Metre	5514.10
WD-M0895	500mm	Metre	6051.50
WD-M0896	600mm	Metre	7731.50
WD-M0897	700mm	Metre	9418.60
WD-M0898	800mm	Metre	11375.60
WD-M0899	900mm	Metre	13547.20
WD-M0900	1000mm	Metre	16386.40
WD-M0901	1100mm	Metre	21107.50
WD-M0902	1200mm	Metre	23567.70
WD-M0903	1300mm	Metre	26208.70
WD-M0904	1400mm	Metre	30269.10
WD-M0905	1500mm	Metre	36945.90
	16 Ksc Pipe		
WD-M0906	350mm	Metre	4317.50
WD-M0907	400mm	Metre	4820.80
WD-M0908	450mm	Metre	5528.30
WD-M0909	500mm	Metre	6313.20
WD-M0910	600mm	Metre	8157.40
WD-M0911	700mm	Metre	10190.60
WD-M0912	800mm	Metre	12359.90
WD-M0913	900mm	Metre	14767.30
WD-M0914	1000mm	Metre	17916.30
WD-M0915	1100mm	Metre	21597.80

WD-M0916	1200mm	Metre	25179.70
WD-M0917	1300mm	Metre	28752.20
WD-M0918	1400mm	Metre	33282.00
WD-M0919	1500mm	Metre	40875.20
	18 Ksc Pipe		
WD-M0920	350mm	Metre	4324.50
WD-M0921	400mm	Metre	4834.90
WD-M0922	450mm	Metre	5752.30
WD-M0923	500mm	Metre	5752.30
WD-M0924	600mm	Metre	8532.80
WD-M0925	700mm	Metre	10672.80
WD-M0926	800mm	Metre	13015.80
WD-M0927	900mm	Metre	15561.70
WD-M0928	1000mm	Metre	18006.60
WD-M0929	1100mm	Metre	22782.80
WD-M0930	1200mm	Metre	26547.70
WD-M0931	1300mm	Metre	30402.90
WD-M0932	1400mm	Metre	35122.80
WD-M0933	1500mm	Metre	42802.70

Note : 1) The above rates are basic rates inclusive of transportation charges to stockyard excluding unloading anywhere in Tamilnadu.

2) Unloading, stacking at stock yard and Cost of loading from Stockyard and unloading at site, Conveyance from stock yard to site (maximum of 8Km radius) are extra. This item should be included in the Estimate and BoQ as a separate item.

3) GST extra applicable as per GO

9.0. PIPES FOR UGSS

Unique Code	Description	Unit	Rate for 2024-25 in Rupees
1	Supply and Delivery of DWC Structured Wall Polyethylene Piping Systems (Pipe with online/offline coupler and elastomeric sealing ring) with required specials non-smooth external annular corrugated and smooth internal surface (Double wall) (SN 8 Class) for non-pressure underground sewerage, drainage application generally as per IS-16098 (Part-2) type B.		
WD-M0934	150mm ID SN 8 pipe	Per M	262.10
WD-M0935	200mm ID SN 8 pipe	Per M	465.20
WD-M0936	250mm ID SN 8 pipe	Per M	737.10
WD-M0937	300mm ID SN 8 pipe	Per M	1076.30
2	Supply and delivery of HDPE pipes for sewerage PE 100 PN 6 conforming to IS : 14333/1996 (amended in 2009)		
WD-M0938	125 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	586.00
WD-M0939	140 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	734.50
WD-M0940	160 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	958.00
WD-M0941	180 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	1206.00
WD-M0942	200 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	1494.00
WD-M0943	225 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	1882.50
WD-M0944	250 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	2323.00
WD-M0945	280 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	2905.50
WD-M0946	315 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	3677.50
WD-M0947	355 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	4659.50
WD-M0948	400 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	6055.50
WD-M0949	450 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	7771.50

WD-M0950	500 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	9605.50
WD-M0951	560 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	12006.50
WD-M0952	630 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	15206.00
WD-M0953	710 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	19606.50
WD-M0954	800 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	24870.50
WD-M0955	900 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	31503.50
WD-M0956	1000 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	38919.50
WD-M0957	1100 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	47921.50
WD-M0958	1200 mm/ PN.6/HDPE Pipe 'ISI'(PE 100 Grade)	Per M	47921.50

Note : 1) The above rates are basic rates inclusive of transportation charges to stockyard excluding unloading anywhere in Tamilnadu.

2) Unloading, stacking at stock yard and Cost of loading from Stockyard and unloading at site, Conveyance from stock yard to site (maximum of 8Km radius) are extra. This item should be included in the Estimate and BoQ as a separate item.

3) GST extra applicable as per GO

**10.0 M.S. PIPES- SPIRAL/LONGITUDIDNAL WELDING AS PER IS 3589/2001
WITH INTERNAL LINING AND EXTERNAL COATING MADE WITH FE410**

1	Supply and Delivery of MS pipes of preferred dimensions ranging from 168.30mm OD to 2540mm OD having 2.6mm to 25mm thickness as per Table- 5 of IS 3589/2001 fabricated with Fe410 grade steel conforming to IS 3589:2001 and other allied codes.
2	Pipes shall be internally lined with plant applied cement mortar lining 1:2, The Lining thickness range from 6 mm to 12 mm for 168.3 mm OD to 2540 mm OD as per Table -8 of IS 3589:2001
3	Pipes shall be externally coated with plant applied CM 1:3, minimum 20mm thick including reinforcement as per clause A-9 of Annex-A of IS 3589:2001 (OR)
4	Coal Tar Enamel Wrapping Tape as per IS 15337:2013

Unique Code	Dia metre & thickness of pipe in mm	Rate for 2024 -25 in Rupees				
		Bare pipe per metre	CML Internal 6mm to 12mm thick per metre	CMC external 20mm thick per metre	CTE Wrapping Tape IS 15337: 2013	Transportation charges upto stockyard anywhere in Tamilnadu Per metre
	A	B	C	D	E	F
WD-M0959	168.3X2.6	860.50	378.70	602.60	806.20	370.30
WD-M0960	168.3X3.2	1002.90	378.70	602.60	806.20	370.30
WD-M0961	168.3X4	1315.10	378.70	602.60	806.20	370.30
WD-M0962	168.3X4.5	1478.00	378.70	611.70	806.20	370.30
WD-M0963	219.1X2.6	1126.10	492.30	785.00	1055.50	370.30
WD-M0964	219.1X3.6	1548.50	492.30	785.00	1055.50	370.30
WD-M0965	219.1X4.5	1864.40	492.30	785.00	1055.50	370.30
WD-M0966	219.1X6.3	2581.30	492.30	785.00	1055.50	370.30
WD-M0967	273X3.6	1938.60	614.20	978.10	1353.60	370.30
WD-M0968	273X4	2154.00	614.20	978.10	1353.60	370.30
WD-M0969	273X5	2653.00	614.20	978.10	1353.60	370.30
WD-M0970	273X6.3	3226.30	614.20	978.10	1353.60	370.30
WD-M0971	323.9X4	2556.10	728.80	1142.30	1614.60	370.30

WD-M0972	323.9X4.5	2650.70	728.80	1142.30	1614.60	370.30
WD-M0973	323.9X5.6	3369.90	728.80	1142.30	1614.60	370.30
WD-M0974	323.9X7.1	4444.40	728.80	1142.30	1614.60	370.30
WD-M0975	355.6X4	2722.50	799.90	1271.60	1706.90	370.30
WD-M0976	355.6X5	3441.70	799.90	1271.60	1706.90	370.30
WD-M0977	355.6X5.6	3871.30	799.90	1271.60	1706.90	370.30
WD-M0978	355.6X8	5304.90	799.90	1271.60	1706.90	370.30
WD-M0979	406.4X4	3083.90	913.40	1440.40	1850.10	392.70
WD-M0980	406.4X5	3584.10	913.40	1440.40	1850.10	392.70
WD-M0981	406.4X6.3	4875.30	913.40	1440.40	1850.10	392.70
WD-M0982	406.4X8.8	6738.50	913.40	1440.40	1850.10	392.70
WD-M0983	457X4	3584.10	1028.00	1440.40	1707.90	392.70
WD-M0984	457X5	4444.40	1028.00	1440.40	1708.30	392.70
WD-M0985	457X6.3	5379.20	1028.00	1440.40	1708.30	392.70
WD-M0986	457X10	8603.10	1028.00	1440.40	1838.40	392.70
WD-M0987	508X5	4947.10	1085.30	1542.20	1838.40	465.10
WD-M0988	508X5.6	5448.50	1085.30	1542.20	1838.40	465.10
WD-M0989	508X6.3	6094.80	1085.30	1542.20	1838.40	465.10
WD-M0990	508X11	10467.30	1085.30	1542.20	1838.40	465.10
WD-M0991	610X5.8	6811.60	1332.10	1842.10	2191.70	589.60
WD-M0992	610X6.3	7528.30	1336.20	1846.20	2186.40	589.60
WD-M0993	610X12.5	14336.30	1336.20	1846.20	2186.40	589.60
WD-M0994	711X6.3	8459.40	1598.60	2199.10	2572.40	589.60
WD-M0995	711X7.1	9604.60	1598.60	2199.10	2572.40	589.60
WD-M0996	711X14.2	19355.20	1598.60	2199.10	2572.40	589.60
WD-M0997	813X7.1	9749.50	1827.80	2490.90	2754.90	783.40
WD-M0998	813X8	13227.00	1827.80	2490.90	2754.90	783.40

WD-M0999	813X18	28673.90	1827.80	2490.90	2775.10	783.40
WD-M1000	914X8	13619.70	2006.30	2664.20	3220.70	1048.60
WD-M1001	914X8.8	15053.20	2006.30	2664.20	3220.70	1048.60
WD-M1002	914X10	16988.20	2006.30	2664.20	3220.70	1048.60
WD-M1003	914X17.5	29390.70	2006.30	2664.20	3220.70	1048.60
WD-M1004	1016X8.8	16917.60	2242.00	3127.30	3781.80	2084.90
WD-M1005	1016X10	19355.20	2242.00	3127.30	3781.80	2084.90
WD-M1006	1016X20	37276.90	2242.00	3127.30	3781.80	2084.90
WD-M1007	1067X8.8	17634.20	2304.20	3185.50	3860.30	2084.90
WD-M1008	1067X10	20072.10	2304.20	3185.50	3860.30	2084.90
WD-M1009	1067X11	21792.90	2304.20	3185.50	3251.40	2084.90
WD-M1010	1118X8.8	18443.30	2478.60	3241.60	3951.50	2084.90
WD-M1011	1118X10	20787.70	2478.60	3241.60	3951.50	2084.90
WD-M1012	1118X11	21936.50	2478.60	3241.60	3951.50	2084.90
WD-M1013	1219X10	22723.90	2741.10	3358.90	4469.20	2084.90
WD-M1014	1219X11	25088.60	2741.10	3138.50	4469..20	2084.90
WD-M1015	1219X12.5	28673.90	2741.10	3138.50	4454.30	2084.90
WD-M1016	1422X12.5	33189.00	3069.20	4167.70	4893.60	2084.90
WD-M1017	1422X14.2	37993.70	3069.20	4167.70	4893.60	2084.90
WD-M1018	1626X14.2	43153.90	3069.20	4748.10	6081.60	2789.70
WD-M1019	1626X16	49462.80	3655.60	4748.10	6081.60	2679.50
WD-M1020	1829X14.2	49462.80	3655.60	5327.50	6279.90	2813.20
WD-M1021	1829X16	55340.80	3761.80	5327.50	6279.90	2813.20
WD-M1022	1829X17.5	60516.60	3761.80	5327.50	6279.90	2813.20
WD-M1023	2032X16	61648.60	4426.80	6022.10	7092.60	3078.40
WD-M1024	2032X17.5	66809.90	4426.80	6022.10	7092.60	3350.70
WD-M1025	2032X20	75413.00	4426.80	6022.10	7092.60	3350.70

WD-M1026	2235X17.5	74552.50	4957.20	6142.40	7753.40	3387.40
WD-M1027	2235X20	86021.70	4957.20	6142.40	7753.40	3387.40
WD-M1028	2235X22.2	93190.90	4957.20	6142.40	7753.40	3387.40
WD-M1029	2540X20	100359.00	5666.10	7528.60	8971.20	3727.10
WD-M1030	2540X22.2	107528.50	5666.10	7528.60	8971.20	3727.10
WD-M1031	2540X25	121864.70	5666.10	7528.60	8971.20	3727.10

Note :1) The above rates are basic rates inclusive of transportation charges to stockyard excluding unloading anywhere in Tamilnadu.

2) Unloading, stacking at stock yard and Cost of loading from Stockyard and unloading at site,Conveyance from stock yard to site (maximum of 8Km radius) are extra. This item should be included in the Estimate and BoQ as a separate item.

3) GST extra applicable as per GO.

10.1 MS SPECIALS AS PER IS 1916 & 7322-1985

Unique Code	Description	Unit	Rate for 2024-25 in Rupees
WD-M1032	Supply and Delivery of MS specials with inside lining/epoxy coating as per IS 13260-1993 and outside coating with cement mortar 20mm thick as per IS 1916-1989 and IS 7322-1985.	Kg	145.40
WD-M1033	Supply and Delivery of MS specials as per IS 7322-1985 without inside lining and outside coating.	Kg	132.60
WD-M1034	Supply and Delivery of MS specials without inside lining and outside coating but with anti rust painting as per IS 14589 -1999.	Kg	136.90

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO.

11.0 RCC NON PRESSURE SPUN PIPE AS PER IS 458/2003

RCC non pressure spun pipe with socket and spigot ends as per IS 458/2003 manufactured with sulphate resistant cement with 12 mm HI -alumina lining with rubber ring joints.

Unique Code	Internal Dia.	Unit	Rate for 2024-25 in Rupees		
			NP2 Class	NP3 Class	NP4 Class
			A	B	C
WD-M1035	200mm	One Metre	708.40	751.10	794.90
WD-M1036	250mm	One Metre	816.80	881.40	925.10
WD-M1037	300mm	One Metre	955.80	1076.20	1185.70
WD-M1038	350mm	One Metre	1261.20	1850.30	1894.20
WD-M1039	400mm	One Metre	1565.70	2017.90	2143.70
WD-M1040	450mm	One Metre	1722.30	2430.60	2652.90
WD-M1041	500mm	One Metre	2266.30	2753.60	3061.20
WD-M1042	600mm	One Metre	2152.70	3166.40	3528.70
WD-M1043	700mm	One Metre	3570.40	4831.60	4998.00
WD-M1044	800mm	One Metre	4156.10	5776.50	6231.90
WD-M1045	900mm	One Metre	3251.70	6662.20	7205.30
WD-M1046	1000mm	One Metre	5438.20	7370.60	8517.00
WD-M1047	1100mm	One Metre	6482.60	10530.40	11725.90
WD-M1048	1200mm	One Metre	7438.60	12851.50	14151.10
WD-M1049	1400mm	One Metre	8897.90	15908.20	18127.60
WD-M1050	1500mm	One Metre	17490.30	19232.40	20064.40
WD-M1051	1600mm	One Metre	20345.80	23655.50	24591.70

Note : 1) The above rates are basic rates inclusive of transportation charges to stockyard excluding unloading anywhere in Tamilnadu.

2) Unloading, stacking at stock yard and Cost of loading from Stockyard and unloading at site, Conveyance from stock yard to site (maximum of 8Km radius) are extra. This item should be included in the Estimate and BoQ as a separate item.

3) GST extra applicable as per GO

11.1 RUBBER GASKETS AS PER IS 5382/1985 (Reaffirmed 1998)

Unique Code	Internal Dia	Unit	Rate for 2024-25 in Rupees		
			NP2 Class	NP3 Class	NP4 Class
			A	B	C
WD-M1052	200mm	Each	39.20	44.90	53.00
WD-M1053	250mm	Each	44.90	53.00	62.30
WD-M1054	300mm	Each	53.00	62.30	69.10
WD-M1055	350mm	Each	62.30	76.10	84.10
WD-M1056	400mm	Each	85.10	101.30	107.10
WD-M1057	450mm	Each	109.30	121.00	122.00
WD-M1058	500mm	Each	121.00	145.10	145.10
WD-M1059	600mm	Each	145.10	181.80	188.70
WD-M1060	700mm	Each	189.90	222.10	237.20
WD-M1061	800mm	Each	217.60	260.10	268.30
WD-M1062	900mm	Each	255.10	317.70	336.00
WD-M1063	1000mm	Each	269.30	331.40	366.00
WD-M1064	1100mm	Each	295.80	366.00	402.90
WD-M1065	1200mm	Each	331.40	407.50	448.80
WD-M1066	1400mm	Each	441.90	545.50	600.70
WD-M1067	1500mm	Each	498.31	617.90	680.10
WD-M1068	1600mm	Each	554.80	690.50	759.60

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

12.0.

CI D/F SLUICE VALVE WITH CAP/ WHEEL AS PER IS 14846/2000 PN 1.0 WITH ISI MARKING AND WITH 5 YEARS WARRANTY

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1069	50 mm	Each	4223
WD-M1070	65mm	Each	4847
WD-M1071	80mm	Each	5004
WD-M1072	100mm	Each	6973
WD-M1073	125mm	Each	8756
WD-M1074	150mm	Each	10320
WD-M1075	200mm	Each	18607
WD-M1076	250mm	Each	27675
WD-M1077	300mm	Each	35650
WD-M1078	350mm	Each	52223
WD-M1079	400mm	Each	70736
WD-M1080	450mm	Each	89281
WD-M1081	500mm	Each	112109
WD-M1082	600mm	Each	155891
WD-M1083	700mm	Each	348729
WD-M1084	750mm	Each	388897
WD-M1085	800mm	Each	474398
WD-M1086	900mm	Each	622054
WD-M1087	1000mm	Each	919862
WD-M1088	1100mm	Each	1113435
WD-M1089	1200mm	Each	1311231

Note :

- 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
- 2) GST extra applicable as per GO

12.1**C.I. D/F REFLUX VALVE AS PER I.S. 5312/2004/ PART 1/ 84 PN 1.0 WITH BYE-PASS ARRANGEMENTS WITH ISI MARKING AND WITH 5 YEARS WARRANTY**

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1090	50 mm	Each	4711
WD-M1091	65 mm	Each	5250
WD-M1092	80 mm	Each	6376
WD-M1093	100 mm	Each	8235
WD-M1094	125 mm	Each	10431
WD-M1095	150 mm	Each	12461
WD-M1096	200 mm	Each	26240
WD-M1097	250 mm	Each	38684
WD-M1098	300 mm	Each	50223
WD-M1099	350 mm	Each	79523
WD-M1100	400 mm	Each	104482
WD-M1101	450 mm	Each	146451
WD-M1102	500 mm	Each	210940
WD-M1103	600 mm	Each	272600

Note :

- 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
- 2) GST extra applicable as per GO

12.2	C.I. DOUBLE AIR VALVE AS PER ISI 14845/2000 AND WITH 5 YEARS WARRANTY		
Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1104	40 mm	Each	4223
WD-M1105	50 mm	Each	4692
WD-M1106	80 mm	Each	8261
WD-M1107	100 mm	Each	10522

WD-M1108	150mm	Each	21265
WD-M1109	200mm	Each	30177

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO

12.3

CI SINGLE AIR VALVE AS PER ISI 14845/2000 AND WITH 5 YEARS WARRANTY

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1110	15mm	Each	1297
WD-M1111	25 mm	Each	1865
WD-M1112	40 mm	Each	2331
WD-M1113	50 mm	Each	2583
WD-M1114	80 mm	Each	3460
WD-M1115	100 mm	Each	3767
WD-M1116	150mm	Each	6705

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO

12.4

KINETIC AIR VALVES FOR HANDLING MORE VOLUMES OF AIR IN PUMPING MAIN, DOUBLE ORIFICE KINETIC AIR VALVE CONFIRMING TO IS 14845 TAMPER PROOF DESIGN (PN-1) AND WITH 5 YEARS WARRANTY

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1117	50mm	Each	12103
WD-M1118	80mm	Each	15193
WD-M1119	100mm	Each	19232
WD-M1120	150mm	Each	31428
WD-M1121	200mm	Each	56729

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO

12.5**CI SLUICE VALVES NON RAISING SPINDLE TYPES TO PRESSURE RATING OF 1.6 PN TO BE USED IN PUMP HOUSES (LONG BODY/ LONG FACE TO FACE) Conforming to IS AND WITH 5 YEARS WARRANTY**

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1122	100mm	Each	9944
WD-M1123	125mm	Each	12317
WD-M1124	150mm	Each	15380
WD-M1125	200mm	Each	27414
WD-M1126	250mm	Each	36934
WD-M1127	300mm	Each	50976
	With spur gear arrangements		
WD-M1128	350mm	Each	77836
WD-M1129	400mm	Each	105425
WD-M1130	450mm	Each	130302
WD-M1131	500mm	Each	163526
WD-M1132	600mm	Each	232337

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

12.6**LINEAR CONTROLLED ELECTRICALLY OPERATED ACTUATOR FOR EXISTING CI SLUICE VALVE**

Supply and Delivery of linear controlled electrically operated Actuator with position feedback sensor suitable for fixing on the existing CI sluice valves at the pumping with required mechanical adaptor arrangements and mounting accessories etc., complete as directed by TWAD board officials with following specifications,

Voltage/ Phase/ Frequency: 415V, 3 phase, 50 Hz

Enclosure: Water tight to IP 68, IP68 to IEC 29, Naturally/Oil Cooled

Type of Mounting :Face Flange Mounting

Bearings: Deep grooved sealed ball bearing lubricated for life.

Class of Insulation: Class F or equivalent

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1133	100mm	1 No.	164453.00
WD-M1134	150mm	1 No.	172435.00

WD-M1135	200mm	1 No.	194562.00
WD-M1136	250mm	1 No.	213765.00
WD-M1137	300mm	1 No.	242567.00
WD-M1138	350mm	1 No.	267458.00
WD-M1139	400mm	1 No.	296547.00
WD-M1140	450mm	1 No.	324568.00
WD-M1141	600mm	1 No.	384564.00

Note :

1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO

12.7 BUTTERFLY VALVES WITH TOP AND BOTTOM OF S.S. 410 SHAFT, WAFER LINER/ WITH REDUCTION GEAR UNIT (CONFORMING TO BS 5155 & IS 13095/1996) AND WITH 5 YEARS WARRANTY

12.7.1	WAFER LINER		
Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1142	100mm	Each	3408
WD-M1143	150mm	Each	4833
WD-M1144	200mm	Each	7999
WD-M1145	250mm	Each	15026
WD-M1146	300mm	Each	17208
12.7.2	D/F GEAR OPERATED		
Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1147	400mm	Each	70142
WD-M1148	450mm	Each	86651
WD-M1149	500mm	Each	99026
WD-M1150	600mm	Each	130657

Construction Conforming to standard BS 5155 Butterfly valve with Body, Disc and retainer of Cast Iron Grade F.260 with EDPM rubber sleeve. Internal hardware shall be confirming to AISI 304. External hardware Carbon Steel shall be confirming to IS 1367. Top and bottom shaft stainless steel to AISI 410. Body and disc should be tested (Hydro test) to 15 kg/sq.cm and with 5 years warranty.

12.7.3 CI D/F SLUICE VALVE WITH ACTUATOR

Supply and delivery of following sizes of CI D/F Sluice Valves of BIS mark with actuator for nominal pressure, suitable for operating with CI handle and key rod etc., at site of work inclusive of taxes, duties, levies, transport, insurance but excluding GST etc., including electrical connection and cost of cable and all materials and labour etc complete as directed by TWAD Officers

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1151	150 mm Sluice Valve with Actuator	Each	126000
WD-M1152	200 mm Sluice Valve with Actuator	Each	157500
WD-M1153	300 mm Sluice Valve with Actuator	Each	210000

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

12.7.4 ELECTRICALLY OPERATED BUTTERFLY VALVE WITH 5 YEARS WARRANTY

Supply and Installation of electrically operated 50mm/80mm/100mm ON/OFF valve with suitable coupling in the inlet pipeline of the Sump to Control the water flow to avoid any over flow in the sump including two year maintenance with following specifications.

Working Medium : Water
Medium Temperature : 0 to 80 Deg.C
Working Type : Direct Current Pulse
Sealing Material : NBR / EPDM
Interface : G Thread, NPT Thread / Wafer
Working Voltage : less than 24VDC
Coil resistance : 25 Ohm
Minimum Current : 100mA
Pulse Width : $\geq 10\text{ms}$
Power supply : 24V DC
Current Consumption : less than 3 Amps
Rated for : 100,000 operations
Valve Type : Butterfly
Diameter : 50mm/80mm/100mm
Ingress Protection : IP67
Open / Close Method : Limited by internal limit switches
Open / Close Capacity: Fully closed or Fully Open only
Maximum operating Pressure : 10 bar
Body Material : CI / DI / SS

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1154	50mm	Each	76750
WD-M1155	80mm	Each	77000
WD-M1156	100mm	Each	77600

12.7.5**ELECTRICALLY OPERATED ACTUATOR SUITABLE FOR EXISTING BUTTERFLY VALVES**

Supply and delivery of electrically operated actuator suitable for fixing on the existing butterfly valves at the pumping with required mechanical adaptor arrangements and mounting accessories etc., complete as directed by TWAD Board officials. with following specifications, 24v dc enclosure: water tight to IP 68, IP 68 to IEC 29, naturally/oil cooled type of mounting : face flange mounting

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1157	250MM	Each	158293.00
WD-M1158	300MM	Each	217404.00
WD-M1159	400MM	Each	296547.00
WD-M1160	500MM	Each	371000.60
WD-M1161	600MM	Each	445143.00

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

12.7.6**COMMISSIONING OF ELECTRICALLY OPERATED ACTUATOR FOR SLUICE VALVE**

Installation, Testing and Commissioning of Electrically operated Actuator for the existing sluice valves of different ranges with all necessary labours, tools & tackles, Specials, Nuts, Bolts, Washers, Companion flanges, Gaskets including all materials etc.

WD-M1162	RS. 22500/- Per Job

Note :1) GST extra applicable as per GO

12.7.7**PNEUMATIC OPERATED ACTUATOR FOR BUTTERFLY VALVE**

Supply delivery and fixing of Pneumatic Actuator with position indicator with 3phase , 415V, 50Hz, Ac motor with embedded thermostats , two limit switches, torque switches space leaker, hand wheel for emergency manual operation wired on terminal blocks, secondary gear box with dark grey epoxy paint to operate following size of valves etc

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1163	Butterfly Valve of size 400mm Dia, PN16	Each	340000
WD-M1164	Butterfly Valve of size 700mm Dia, PN16	Each	400000

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

12.8 NON RETURN VALVES**12.8.1 WAFER TYPE (DUAL PLATE CHECK VALVE) CONFORMING TO IS AND WITH 5 YEARS WARRANTY**

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1165	100mm	Each	4113
WD-M1166	150mm	Each	8372
WD-M1167	200mm	Each	16052
WD-M1168	250mm	Each	26050
WD-M1169	300mm	Each	36297

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO

12.8.2	DOUBLE FLANGED (DUAL PLATE CHECK VALVE) AND WITH 5 YEARS WARRANTY		
Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1170	400mm	Each	85016
WD-M1171	450mm	Each	93419
WD-M1172	500mm	Each	108196
WD-M1173	600mm	Each	129810
WD-M1174	700mm	Each	179478
WD-M1175	800mm	Each	259956
WD-M1176	900mm	Each	287100
WD-M1177	1000mm	Each	376343
WD-M1178	1100mm	Each	404494
WD-M1179	1200mm	Each	432646

Construction conforming to standard API 594. Body should confirm cast iron Grade FG 260 (IS 210), Disc plates confirming to ASTM A216, hinch pin/ stop pin/ spring should be of SS to AISI 410/304. Body seat should be of EDPM rubber. The body should be tested to 15 kg/ sq.cm and seat should be tested to 10 kg/ sq.cm and with 5 years warranty.

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

12.8.3 D/F NON RETURN VALVE (OUT DOOR USE) AND WITH 5 YEARS WARRANTY

CI Single Door/ Multi Door Non return valve conforming to IS 5312/2003 (part I & II) to be fixed after Water meter/ Flow recorder on pumping main near Pump house with dash pot arrangement for 90% fast closing & 10% slow closing with 5 years warranty.

Sl.No.	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1180	300mm	Each	67342
WD-M1181	350mm	Each	102788
WD-M1182	400mm	Each	124020
WD-M1183	450mm	Each	172177
WD-M1184	500mm	Each	225674
WD-M1185	600mm	Each	323340
WD-M1186	700/750mm	Each	543934
WD-M1187	800mm	Each	631462
WD-M1188	900mm	Each	1122729
WD-M1189	1000mm	Each	1215291
WD-M1190	1100mm	Each	1767925
WD-M1191	1200mm	Each	1944093

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

12.9 DI SINGLE CHAMBER AIR RELEASE VALVE

Manufacture, Supply and Delivery of Tamper proof DI single chamber double orifice triple function (ventilating, admitting & ventilating during operation) air release valve with pressure rating PN 10/16 with body and cover made of Ductile Iron of Grade GGG 40 or GGG 50, conforming to IS 1865 with Food Grade Epoxy Powder coating (EP-P) inside and for outside of colour blue RAL 5005. All internal parts such as float, shell etc., cover bolts, made of Austenitic alloy steel of SS AISI 304/316. The float shall be made of Polytetrafluoroethylene/ Austenitic alloy steel of AISI 304/316. Gaskets and seals of EPDM / Neoprene rubber for TWAD Board works anywhere in Tamil Nadu and with 5 years warranty

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1192	50mm	Each	13251
WD-M1193	80mm	Each	16845
WD-M1194	100mm	Each	18929
WD-M1195	150mm	Each	35632
WD-M1196	200mm	Each	38897

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

12.10 DI D/F GATE VALVES

Supply and delivery of DI D/F Gate (sluice) valves (soft seated) resilient seated soft sealing Gate Valves (Sluice Valves) with body Bonnet of Ductile cast iron of Grade GGG 40 or GGG 50, Wedge fully rubber lined with EPDM replaceable spindle nut without gland packing and with 3 O- Ring protection on the shaft and seals of NBR and the valves should be of Vacuum tight and 100% leak proof with face to face dimensions as per BS 5163-89/ISI 14846-2000/DIN 3202 F4. All the valves should be with electrostatic powder coating both inside and out side with pocket less straight through body passage. All the valves are to be compatible for buried application with pressure rating PN 10/16 and with 5 years warranty

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1197	50mm	Each	8306
WD-M1198	80mm	Each	10642
WD-M1199	100mm	Each	14025
WD-M1200	150mm	Each	22090
WD-M1201	200mm	Each	35345
WD-M1202	250mm	Each	50838

WD-M1203	300mm	Each	76841
WD-M1204	350mm	Each	223950
WD-M1205	400mm	Each	240098
WD-M1206	500mm	Each	240098

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO

12.11 DI D/F BUTTERFLY VALVES

Supply and delivery of DI D/F Butterfly Valves with GGG 40 or GGG 50 as per IS3896 (Part 2) 1985 and subsequent revisions Double eccentric disc with renewable soft seal on the disc and body seat face of Stainless Steel / nickel weld overlay micro finished with powder or liquid Epoxy coating with minimum thickness of 250 microns applied on both body and disc inside and outside Face to Face dimensions as per AWWA C 504 or BS 5155 or IS 13095 and with 5 years warranty

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees	
			PN 10	PN 16
WD-M1207	400mm	Each	165111	189123
WD-M1208	450mm	Each	207625	212091
WD-M1209	500mm	Each	214113	214113
WD-M1210	600mm	Each	280624	280624
WD-M1211	700mm	Each	448367	525922
WD-M1212	800mm	Each	562174	600591
WD-M1213	900mm	Each	742198	785450
WD-M1214	1000mm	Each	955852	984600
WD-M1215	1100mm	Each	1130081	1132298
WD-M1216	1200mm	Each	1319253	1319253

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO

12.12 DI Non - Return Valve

Manufacture, Supply and Delivery of DI D/F Slanted seat Swing Check Valve. Body of ductile cast iron of Grade GGG 40 or GGG 50 and disc of ductile cast iron GGG 40 or GGG 50 with fully encapsulated EPDM rubber, where both faces can be used. Electrostatic epoxy powder/ liquid coating (EP-P) inside and outside color blue RAL 5005 with minimum coating thickness of 250 microns. The EPDM rubber & Epoxy Powder should be approved by W 270. (EP-P) it is a resi-coat powder approved for drinking water application, applied through fusion bonding process by dipping the shot-blasted casted components heated up to 200 deg C). Face to face dimensions as per EN558-1, series 48 and flange connections as per EN 1092-2/IS 1538 and with 5 years warranty

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1217	40mm	Each	11422
WD-M1218	50mm	Each	11583
WD-M1219	65mm	Each	13163
WD-M1220	80mm	Each	16105
WD-M1221	100mm	Each	13413
WD-M1222	125 mm	Each	30089
WD-M1223	150mm	Each	36944
WD-M1224	200 mm	Each	40115
WD-M1225	250mm	Each	101991
WD-M1226	300mm	Each	129595

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

12.13 DI Wafer type Butterfly Valve

Manufacturing, supply and delivery of resilient seated wafer type butterfly valve in accordance with EN 593, centric disk mounted in three maintenance-free bearing bushes, tight in both flow directions, Replaceable rubber sleeve with integrated seal for functionally reliable use for flared flanges, welding flanges, PE flanges as well as loose flanges with V-collar, Stable seat due to collar with vulcanized support ring. Vacuum tight upto 1 Torr. Face to face length acc.to 558-1, basic series 20 (DIN 3202/k1). With Electrostatic epoxy powder coating (EP-P) inside and outside color blue RAL 5005 with minimum coating thickness of 250 microns. The EPDM rubber & Epoxy Powder should be approved by W 270. (EP-P, it is resi-coat powder approved for drinking water application, applied through fusion bonding technology process by dipping the shot-blasted casted components heated upto 200 deg C) and with 5 years warranty

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1227	40mm	Each	10082

WD-M1228	50mm	Each	10476
WD-M1229	65mm	Each	10560
WD-M1230	80mm	Each	11514
WD-M1231	100mm	Each	13307
WD-M1232	125 mm	Each	15084
WD-M1233	150mm	Each	22914
WD-M1234	200 mm	Each	27088
WD-M1235	250mm	Each	45231
WD-M1236	300mm	Each	75626
WD-M1237	350mm	Each	115517
WD-M1238	400mm	Each	157661
WD-M1239	450mm	Each	263908
WD-M1240	500mm	Each	270222

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

12.14 DI Disk Check Valve (Non Return Valve)

Manufacture, supply and delivery of DI D/F Slanted seat Tilting Disc Swing Check Valve in single piece body and closed eye disc construction. Hemispherical disc with 59 degree inclination for fast open and closing. Corrosion proof and wear resistant(triple offset) disc face & body seat face, both made of fusion bonded Nickel Chromium weld overlay and microfinished. Body and disc of ductile cast iron GGG-40 or GGG-50, medium free (dry) shafts of stainless steel and bearings of Zinc-free Bronze, Valve should have provision for internal damping unit for reducing the effects of water hammer/surge, if required at later stage. Electrostatic epoxy powder/ liquid coating(EP-P) inside and outside color blue RAL 5005 with minimum coating thickness of 150 microns. The EPDM rubber & Epoxy Powder should be approved by W 270.(EP-P it is a resi-coat powder approved for drinking water application, applied through fusion bonding technology process by dipping the shot-blasted casted components heated upto 200deg C). Face to face dimensions as per EN 558-1 series 14 and flange connections as per EN 1092-2/ IS and with 5 years warranty

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees	
			PN 10	PN 16
WD-M1241	200mm	Each	397866	399907
WD-M1242	250mm	Each	400474	402528

WD-M1243	300mm	Each	412251	414314
WD-M1244	350mm	Each	455808	458146
WD-M1245	400mm	Each	476948	476948
WD-M1246	450mm	Each	558616	601736
WD-M1247	500mm	Each	581630	609379
WD-M1248	600mm	Each	743809	760089
WD-M1249	700mm	Each	1639763	1686736
WD-M1250	800mm	Each	1906064	1988904
WD-M1251	900mm	Each	2170471	2218957
WD-M1252	1000mm	Each	2655583	2703093

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

12.15 DI Diaphragm Type Flow Control Valve

12.15.1 DI Altitude Control Valve (PN10/16) with the function to prevent water level in a tank from exceeding a set level. The set level can be changed as per the requirement. "Manufacture supply and delivery of DI D/F Diaphragm type own medium controlled Altitude Control valve with cast body of ductile iron grade GGG-40 or GGG-50 or as per IS 3896-Part-2-1985 customized control cylinder for linear control behaviour or equivalent, performed diaphragm and pull out safe profile sealing ring of EPDM, threaded inserts (CORFIX - to prevent the coating from coming off in the connections area as well as corrosion and incrustations in the control circuit) or equivalent. Flange connection dimensions according to EN 1092, Part 2/ ISO 7005[DIN]/ IS 1538, all parts (Epoxy coating, and diaphragm) in contact with medium are as per KTW and DVGW certified (harmless)/WRAS & NSF approved. The EPDM rubber & Epoxy coating (EP-P) should be approved by W270. (EP-P)/WRAS & NSF." Pilot valve system having Stainless Steel / Brass fittings as per standard parts according to DIN EN 12 266-1 with all the external control tubing of SS 304 / copper / reinforced plastic rated PN16 Tightness to DIN EN 12 266-1, leakage rate A (or) equivalent and the needle valve / speed control device should be provided to vary opening speed of the main diaphragm with self-cleaning filter to avoid possibility of dirt build up inside the control tubing and with 5 years warranty

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1253	50mm	Each	104883
WD-M1254	65mm	Each	107546
WD-M1255	80mm	Each	118480
WD-M1256	100mm	Each	147673
WD-M1257	150mm	Each	194178

WD-M1258	200 mm	Each	300289
WD-M1259	250mm	Each	369228
WD-M1260	300mm	Each	572432
WD-M1261	350mm	Each	849141
WD-M1262	400mm	Each	1416172

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

12.15.2 DI Pressure Reducing Valve (PN10/16) with the function to reduce downstream pressure to set point irrespective of upstream fluctuations. The downstream pressure set point can be changed as per the requirement.

“Manufacture supply and delivery of DI D/F Diaphragm type own medium controlled Pressure Reducing valve with cast body of ductile iron grade GGG-40 or GGG-50 or as per IS 3896-Part-2-1985 customized control cylinder for linear control behaviour or equivalent, performed diaphragm and pull out safe profile sealing ring of EPDM, threaded inserts (CORFIX - to prevent the coating from coming off in the connections area as well as corrosion and incrustations in the control circuit) or equivalent. 2 pressure gauges for operator-friendly control to determine the actual inlet and outlet pressure connected directly to the valve. Flange connection dimensions according to EN 1092, Part 2/ ISO 7005[DIN]/ IS 1538, all parts (Epoxy coating, and diaphragm) in contact with medium are as per KTW and DVGW certified (harmless)/WRAS & NSF approved. The EPDM rubber & Epoxy coating (EP-P) should be approved by W270.(EP-P)/WRAS & NSF.”

Pilot valve system having Stainless Steel / Brass fittings with spring of SS 304 as per standard parts according to DIN EN 12 266-1 with all the external control tubing of SS 304 / Copper/ reinforced plastic rated PN16, Tightness to DIN EN 12 266-1, leakage rate A (or) equivalent and the needle valve/ speed control device should be provided to vary opening speed of the main diaphragm with self-cleaning filter to avoid possibility of dirt build up inside the control tubing and with 5 years warranty

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1263	50mm	Each	64495
WD-M1264	65mm	Each	69372
WD-M1265	80mm	Each	82181
WD-M1266	100mm	Each	89574
WD-M1267	150mm	Each	126908
WD-M1268	200 mm	Each	206142
WD-M1269	250mm	Each	294969
WD-M1270	300mm	Each	464498

WD-M1271	350mm	Each	657114
WD-M1272	400mm	Each	1304671

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO

12.15.3 DI Flow rate Limit control Valve (PN10/16) with the function to limit the flow rate to a set point. In case the downstream demand increases beyond the set limit, the valve closes down to bring the flow back to set limit. The valve shall have an orifice plate and the orifice diameter is designed based on the set point as per the requirement and installed downstream of the control valve.

"Manufacture supply and delivery of DI D/F Diaphragm type own medium controlled Flow rate Limit Control valve with cast body of ductile iron grade GGG-40 or GGG-50 or as per IS 3896-Part-2-1985 customized control cylinder for linear control behaviour or equivalent, performed diaphragm and pull out safe profile sealing ring of EPDM, threaded inserts (CORFIX - to prevent the coating from coming off in the connections area as well as corrosion and incrustations in the control circuit) or equivalent. Flange connection dimensions according to EN 1092, Part 2/ ISO 7005[DIN]/ IS 1538, all parts (Epoxy coating, and diaphragm) in contact with medium are as per KTW and DVGW certified (harmless)/WRAS & NSF approved. The EPDM rubber & Epoxy coating (EP-P) should be approved by W270. (EP-P)/ WRAS & NSF."

Pilot valve system having Stainless Steel / Brass fittings with spring of stainless steel 304 as per standard parts according to DIN EN 12 266-1, orifice plate shall be as per the set point of flow rate and all the external control tubing of SS 304 / Copper/ reinforced plastic rated PN16, Tightness to DIN EN 12 266-1, leakage rate A (or) equivalent and the needle valve/ speed control device should be provided to vary opening speed of the main diaphragm with self-cleaning filter to avoid possibility of dirt build up inside the control tubing and with 5 years warranty

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1273	50mm	Each	87039
WD-M1274	65mm	Each	88776
WD-M1275	80mm	Each	96658
WD-M1276	100mm	Each	103497
WD-M1277	150mm	Each	161010
WD-M1278	200 mm	Each	262489
WD-M1279	250mm	Each	333533
WD-M1280	300mm	Each	500090
WD-M1281	350mm	Each	669700
WD-M1282	400mm	Each	1348146

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO

12.15.4 DI Pressure Sustaining / Relief Valve (PN10/16) with the function to relieve excess pressure in the downstream pressure to set point irrespective of upstream fluctuations. The downstream pressure set point can be changed as per the requirement.

“Manufacture supply and delivery of DI D/F Diaphragm type own medium controlled Pressure Sustaining / Relief valve with cast body of ductile iron grade GGG-40 or GGG-50 as per IS 3896-Part-2-1985 customized control cylinder for linear control behaviour or equivalent, performed diaphragm and pull out safe profile sealing ring of EPDM, threaded inserts (CORFIX - to prevent the coating from coming off in the connections area as well as corrosion and incrustations in the control circuit) or equivalent. 2 pressure gauges for operator-friendly control to determine the actual inlet and outlet pressure connected directly to the valve. Flange connection dimensions according to EN 1092, Part 2/ ISO 7005[DIN]/ IS 1538, all parts (Epoxy coating, and diaphragm) in contact with medium are as per KTW and DVGW certified (harmless)/WRAS & NSF approved. The EPDM rubber & Epoxy coating (EP-P) should be approved by W270.(EP-P)/WRAS & NSF.”

Pilot valve system having Stainless Steel / Brass fittings with spring of stainless steel 304 as per standard parts according to DIN EN 12 266-1 with all the external control tubing of SS 304/ Copper/ reinforced plastic rated PN16, Tightness to DIN EN 12 266-1, leakage rate A (or) equivalent and the needle valve/ speed control device should be provided to vary opening speed of the main diaphragm with self-cleaning filter to avoid possibility of dirt build up inside the control tubing and with 5 years warranty

Unique Code	Description	Unit	Rate for 2024-25 in Rupees
WD-M1283	50mm	Each	64459
WD-M1284	65mm	Each	69373
WD-M1285	80mm	Each	82177
WD-M1286	100mm	Each	89574
WD-M1287	150mm	Each	126908
WD-M1288	200 mm	Each	206142
WD-M1289	250mm	Each	294968
WD-M1290	300mm	Each	464498
WD-M1291	350mm	Each	657114
WD-M1292	400mm	Each	1304671

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO

12.15.5 DI Pump control Valve (PN10/16) with the function to open / close the pump discharge to the downstream network gradually the start-up / shut-off of a pump to protect the pumping assembly.

“Manufacture supply and delivery of DI D/F Diaphragm type own medium controlled Pump Control Valve with cast body of ductile iron grade GGG-40 or GGG-50 or as per IS 3896-Part-2-1985 customized control cylinder for linear control behaviour or equivalent, performed diaphragm and pull out safe profile sealing ring of EPDM, threaded inserts (CORFIX - to prevent the coating from coming off in the connections area as well as corrosion and incrustations in the control circuit) or equivalent. Flange connection dimensions according to EN 1092, Part 2/ ISO 7005[DIN]/ IS 1538, all parts (Epoxy coating, and diaphragm) in contact with medium are as per KTW and DVGW certified (harmless)/WRAS & NSF approved. The EPDM rubber & Epoxy coating (EP-P) should be approved by W270.(EP-P)/ WRAS & NSF.”

Pilot valve system having Stainless Steel / Brass fittings as per standard parts according to DIN EN 12 266-1 and 3 way NO 24 V AC 50/60 Hz Solenoid, all the external control tubing of SS 304/ Copper/ reinforced plastic rated PN16 with Position indicator, Tightness to DIN EN 12 266-1, leakage rate A (or) equivalent and the needle valve/ speed control device should be provided to vary opening speed of the main diaphragm with self-cleaning filter to avoid possibility of dirt build up inside the control tubing and with 5 years warranty

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1293	50mm	Each	112774
WD-M1294	65mm	Each	115437
WD-M1295	80mm	Each	126373
WD-M1296	100mm	Each	137110
WD-M1297	150mm	Each	252555
WD-M1298	200 mm	Each	313272
WD-M1299	250mm	Each	381439
WD-M1300	300mm	Each	585744
WD-M1301	350mm	Each	723909
WD-M1302	400mm	Each	1346927

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

12.15.6 DI Pressure Reducing and Flow Limit Control Valve (PN10/16) with the function to reduce higher upstream pressure into a preset lower downstream pressure and to not allow flow rate in the line to exceed beyond the defined set point. The flow orifice diameter is designed based on the set point as per the design requirement. The set point can be changed to a maximum of +10%.

“Manufacture supply and delivery of DI D/F Diaphragm type own medium controlled Pressure Reducing and flow limit control valve with cast body of ductile iron grade GGG-40 or GGG-50 or as per IS 3896-Part-2-1985 customized control cylinder for linear control behaviour or equivalent, performed diaphragm and pull out safe profile sealing ring of EPDM, threaded inserts (CORFIX - to prevent the coating from coming off in the connections area as well as corrosion and incrustations in the control circuit) or equivalent. 2 pressure gauges for operator-friendly control to determine the actual inlet and outlet pressure connected directly to the valve. Flange connection dimensions according to EN 1092, Part 2/ ISO 7005[DIN]/ IS 1538, all parts (Epoxy coating, and diaphragm) in contact with medium are as per KTW and DVGW certified (harmless)/ WRAS & NSF approved. The EPDM rubber & Epoxy coating (EP-P) should be approved by W270. (EP-P)/ WRAS & NSF.”

Pilot valve system having Stainless Steel / Brass fittings with spring of stainless steel 304 as per standard parts according to DIN EN 12 266-1 and Stainless steel 316 orifice plate shall be as per the set point of flow rate, all the external control tubing of SS 304 / Copper/ reinforced plastic rated PN16, Tightness to DIN EN 12 266-1, leakage rate A (or) equivalent and the needle valve/ speed control device should be provided to vary opening speed of the main diaphragm with self-cleaning filter to avoid possibility of dirt build up inside the control tubing and with 5 years warranty

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1303	50mm	Each	108601
WD-M1304	65mm	Each	114757
WD-M1305	80mm	Each	128828
WD-M1306	100mm	Each	136726
WD-M1307	150mm	Each	216439
WD-M1308	200 mm	Each	279016
WD-M1309	250mm	Each	345818
WD-M1310	300mm	Each	531617
WD-M1311	350mm	Each	772648
WD-M1312	400mm	Each	1353745

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

12.15.7 DI Altitude Control and Flow Control Valve (PN10/16) with the function to ensure that water in tank does not exceed a certain level and the same time not allow flow rate to exceed set point. The Hydraulic Valve trim connection shall have two metal points, one for Altitude control and Flow-rate control function. The valve shall use an orifice plated on downstream side to limit the flow rate. The set level can be changed to a maximum of +10%.

“Manufacture supply and delivery of DI D/F Diaphragm type own medium controlled Altitude Control and Flow Control Valve with cast body of ductile iron grade GGG-40 or GGG-50 or as per IS 3896-Part-2-1985 customized control cylinder for linear control behaviour or equivalent, performed diaphragm and pull out safe profile sealing ring of EPDM, threaded inserts (CORFIX - to prevent the coating from coming off in the connections area as well as corrosion and incrustations in the control circuit) or equivalent. Flange connection dimensions according to EN 1092, Part 2/ ISO 7005[DIN]/ IS 1538, all parts (Epoxy coating, and diaphragm) in contact with medium are as per KTW and DVGW certified (harmless)/WRAS & NSF approved. The EPDM rubber & Epoxy coating (EP-P) should be approved by W270.(EP-P)/ WRAS & NSF.”

Pilot valve system having Stainless Steel / Brass fittings with spring of SS 304 for altitude pilot as per standard parts according to DIN EN 12 266-1, the stainless steel 316 of orifice plate and dimension of orifice as per the flow rate set point, all the external control tubing of SS 304 / copper / reinforced plastic rated PN16, Tightness to DIN EN 12 266-1, leakage rate A (or) equivalent and the needle valve / speed control device should be provided to vary opening speed of the main diaphragm with self-cleaning filter to avoid possibility of dirt build up inside the control tubing and with 5 years warranty

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1313	50mm	Each	134504
WD-M1314	65mm	Each	136801
WD-M1315	80mm	Each	149514
WD-M1316	100mm	Each	156650
WD-M1317	150mm	Each	228659
WD-M1318	200 mm	Each	281149
WD-M1319	250mm	Each	340528
WD-M1320	300mm	Each	515795
WD-M1321	350mm	Each	734611
WD-M1322	400mm	Each	1262215

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

12.16 DI Plunger type flow control Valve

"Manufacturing, supply and delivery of DI D/F Plunger type(Control valve) with one piece body of ductile cast iron of grade GGG-40, all internal parts of stainless steel. Piston guides of bronze welded overlay & micro-finished and bearing bush of zinc free Bronze. Valve/profile sealing seat shall be in the no-flow zone. Double sealing effect between the body and the plunger shall be by Quadring Seal (twist free operation). The valve shall be designed to operate smoothly throughout the specified flow range without cavitation. Corrosion protected medium free bearing in the body by way of double O-ring seal and encapsulated shaft seal. There shall be no obstacles in the main flow passage except the plunger and the attached control cylinders. Plunger shall be by means of stainless steel crank drive mechanism. Face-to-face dimensions EN558-1 basic series 15 and 1.5X DN from DN500 and flange connections as per EN1092-2/ISO 7005[DIN]" and with 5 years warranty

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1323	150mm	Each	481058
WD-M1324	200mm	Each	685418
WD-M1325	250mm	Each	830341
WD-M1326	300mm	Each	1084390
WD-M1327	400 mm	Each	1718974
WD-M1328	450mm	Each	2346954
WD-M1329	500 mm	Each	2992117
WD-M1330	600mm	Each	3883201
WD-M1331	700mm	Each	4534731
WD-M1332	800mm	Each	5435703
WD-M1333	900mm	Each	7573788
WD-M1334	1000mm	Each	8816497

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

12.17 DI Surge Control Valve

"Manufacturing, supply and delivery of DI diaphragm type surge control valve against power failure surges or pressure waves caused by velocity changes, quick opening relief easily adjustable pressure setting. The valve should remain closed when line pressure is between the set-points of the two pilots. The valve should open initially when line pressure drops below the setting of the low-pressure pilot to anticipate surges associated with a pump stopping. The valve will also continue to react and remain open when the return high-pressure wave is above the setting of the high-pressure pilot or open when inlet pressure exceeds a pre-determined set-point at which time the valve opens quickly, With high speed discharge, with flange dimension to EN 1092-2/ ISO 7005[DIN]. Body and cover in ductile cast iron of Grade GGG 40 (or) GGG 50. All internal parts & all cover bolts of austenitic alloy steel and gaskets and seals of EPDM of grade W 270(approved for drinking water) with Electrostatic epoxy powder coating (EP-P) inside and outside color blue RAL 5005 with minimum coating thickness of 250 microns" and with 5 years warranty

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1335	50mm	Each	101606
WD-M1336	80mm	Each	111062
WD-M1337	100mm	Each	140773
WD-M1338	150mm	Each	200306
WD-M1339	200 mm	Each	294486
WD-M1340	250mm	Each	437980
WD-M1341	300mm	Each	495534

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

12.18 OHT FLOW CONTROL VALVE

Supply and delivery of the following sizes of OHT flow control valve with female BSP treaded ends, (20mm length) with Stainless Steel Body as per ANSI 202 Grade, Plug, Flange – Nylon 66, (to be tested at NABL accredited lab.) Triangular notch type flow control path with opening reference scale arrangements for flow notch and Upstream & Downstream pressure checking spring loaded mouth arrangements. Working Pressure 10 KSC, (FCRI, Palgaut pressure test and flow test to be furnished) and with 5 years warranty

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1342	40mm (1 lpm to 400lpm adjustable type arrangements)	Each	5746
WD-M1343	100mm (20 lpm to 2000 lpm adjustable type arrangements)	Each	21209

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

13.0 SALT GLAZED STONEWARE PIPE AS PER IS 651/2007 of 600MM length

Unique Code	Description	Unit	Rate for 2024-25 in Rupees	
			SP1 Class	SP2 Class
			A	B
WD-M1344	100mm	Each	118.60	128.00
WD-M1345	150mm	Each	206.00	222.60
WD-M1346	200mm	Each	311.00	339.10
WD-M1347	250mm	Each	505.50	550.20
WD-M1348	300mm	Each	788.40	860.10

13.1 SALT GLAZED STONEWARE PIPE AS PER IS 651/2007 of 1000MM length with Rubber Gasket

Unique Code	Description	Unit	Rate for 2024-25 in Rupees	
			SP1 Class	SP2 Class
			A	B
WD-M1349	150mm	Each	487.80	557.10
WD-M1350	200mm	Each	732.20	799.00
WD-M1351	250mm	Each	1373.90	1492.60

**13.2. SALT GLAZED STONEWARE PIPE AS PER IS 651/2007 of 1200MM
length with Rubber Gasket**

Unique Code	Description	Unit	Rate for 2024-25 in Rupees	
			SP1 Class	SP2 Class
WD-M1352	150mm	Each	618.10	670.80
WD-M1353	200mm	Each	881.00	954.30
WD-M1354	250mm	Each	1664.60	1801.50

Note :

- 1) The above rates are basic rates inclusive of transportation charges to stockyard excluding unloading anywhere in Tamilnadu.
- 2) Unloading, stacking at stock yard and Cost of loading from Stockyard and unloading at site, Conveyance from stock yard to site (maximum of 8Km radius) are extra. This item should be included in the Estimate and BoQ as a separate item.
- 3) GST extra applicable as per GO

14.0	Sulphate Resistant Cement as per IS 12330/ 1988
1	Refer PWD Rate

15.0**Fiber reinforced concrete Frame and Cover as per IS 12592/2002, Part 1 & 2 for 2024- 25**

Unique Code	Description	Rate for 2024- 25 in Rupees	
		Heavy duty	Extra Heavy duty
		A	B
	Supply and delivery of following sizes of FRC Manhole Covers / Frames to stores as per IS 12592:2002 to its latest revision with reinforcement details for covers and frames		
WD-M1355	450mm dia FRC manhole cover to suit 450 mm clear opening manhole frame	821.27	946.77
WD-M1356	450mm dia FRC manhole frame to have clear opening of 450mm dia to suit 450mm dia FRC Cover	1025.08	1185.72
WD-M1357	600mm dia FRC manhole cover to suit 600 mm clear opening manhole frame	1058.22	1220.86
WD-M1358	600mm dia FRC manhole frame to have clear opening of 600mm dia to suit 600mm dia FRC Cover	1511.02	1745.96

Note:

1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO

16.0**WATER METER CONFORMING TO IS 2373 / ISO 4064 & DIRT BOX STRAINER**

Supply and delivery of Woltman model with removal mechanism water meters, (No domestic use) conforming to ISO 4064 part I, II, III Class B and IS-2373 with life cycle test certificate from FCRI/ NABL accredited lab. The watermeter shall have magnetic drivers or mechanical drivers and shall be versatile for installation in any position. The meters shall be hydrodynamically, hydrostatically balanced. The runner, runner chamber, pointers of the meter shall be as per ISO 4064 specification. Dry dial excavated counter housing fully protected against flooding ensuring easy reading in all climates.

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees		
			Water meter	Dirt Box	Erection Charges
			A	B	C
WD-M1359	50mm	Each	10147	3291	3817
WD-M1360	80mm	Each	12623	5330	4762

WD-M1361	100mm	Each	13414	6537	7412
WD-M1362	150mm	Each	19618	10868	8716
WD-M1363	200mm	Each	24420	13140	10858
WD-M1364	250mm	Each	53044	28242	12310
WD-M1365	300mm	Each	113216	49814	13190
WD-M1366	400mm	Each	200932	82919	13429
WD-M1367	500mm	Each	233834	120608	13460

Note :

- 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
- 2) GST extra applicable as per GO
- 3) Erection charges includes earth work excavation,labour charges, cutting and threading, conveyance,welding and hire charges for tools and plants etc., complete.

16.1 MULTI JET BRASS WATER METER

Supply and delivery of Multi Jet brass water meter with removal mechanism confirming to ISO 4064 Class B or IS 779 Standards with type test certificates for Routine Test, IP 68 Test certificates issued by FCRI/NABL Accredited Lab. The water meter shall have magnetic or mechanical drivers or shall be versatile for installation in Horizontal position. The meters shall be hydrodynamically or hydrostatically balanced. The runner, runner chamber, pointers of the meter shall be as per ISO 4064 Class B specification. Dry dial excavated counter housing fully protected against flooding ensuring easy reading in all climatic conditions. The meters shall be inferential, Dry-Dial Type, Class B with straight reading Cyclometer with inbuilt filter basket, Meter body shall be of Brass body confirming to DCB2 material specifications and suitable for drinking water applications. The body shall be painted, or powder coated. Each water meter shall be supplied with Brass Nut and tailpieces, protective top lid, secured by a robust hinge with sealing facilities for couplings. The process connections shall be screwed ends with BSP Threads. Each water meter shall be tested for a maximum pressure rating up to 16 Bar. Water meter shall be supplied with manufacturer Calibration & hydrotest certificate. The dimensions must comply to IS 779 standards and with 5 years warranty

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1368	15mm	Each	885

Note :

- 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
- 2) GST extra applicable as per GO

16.2 MULTI JET BRASS MODEL & WOLTMAN MODEL AMR METERS

Supply and delivery of Brass Multi Jet Model & Woltman model AMR meters with removal mechanism confirming to IS 4064 Part I, II , III Class B or IS 779 & IS 2373 standards with type test certificate for Routine Test, IP 68 Test certificate issued by FCRI / NABL Accredited lab. The water meter shall have magnetic or mechanical drivers or shall be versatile for installation in any position. The meters shall be hydrodynamically or hydrostatically balanced. The runner, runner chamber, pointers of the meter shall be as per ISO 4064 class B specification. Dry dial excavated counter housing fully protected againsts flooding ensuring easy reading in all climatic conditions. The meter shall be inferential, Dry-Dial type, Class B with straight reading cyclometer with inbuilt filter basket, Brass body, Inbuild NRV & Strainer for the sizes upto 40mm Brass / Bronze Nut and tailpieces, protective top lid, secured by a robust hinge with sealing facilities for couplings and sizes 50mm & above shall be woltman type complies to ISO 4064 - Class B standard with flow meter body shall be of DI / CI. The process connections shall be of flanged ends with pressure rating upto 16 Bar. The water meter shall be equipped with Dual pulse output with integrated battery - operated data logger with minimum battery life upto 7 years or better. The data logger shall be SIM based / RF based with required SIM cards will be in the scope of flow meter manufacturer. Data logging will be continuous and data transfer to cloud shall be minimum of 1 per day. The flow meter with integral data logger shall comply to IP 68 installations and with 5 years warranty.

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
I	AMR type Multi Jet water meter		
WD-M1369	15mm	Each	16200
WD-M1370	20mm	Each	16950
WD-M1371	25mm	Each	18000
WD-M1372	40mm	Each	23250
II	Woltman type AMR water meter		
WD-M1373	50mm	Each	26700
WD-M1374	80mm	Each	30351
WD-M1375	100mm	Each	33959
WD-M1376	150mm	Each	44679
WD-M1377	200mm	Each	47668
WD-M1378	250mm	Each	85302
WD-M1379	300mm	Each	133592
WD-M1380	400mm	Each	213401
WD-M1381	450mm	Each	245520
WD-M1382	500mm	Each	270000

Note :

- 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
- 2) GST extra applicable as per GO

16.3 ENAMELED WATER LEVEL INDICATOR

Supply, delivery and fixing of enameled water level indicator of approved design and pattern (graduation in metric system) with required all accessories as directed by TWAD Board Officers. (The rates including loading, unloading, transportation charges etc.,)

WD-M1383	Rs. 5500/- Each

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO

16.4 WATER LEVEL MEASURING SYSTEM

Supply, delivery and installation of water level measuring system up to 1 mm accuracy to measure up to 30 m depth in wells/OHTs/ sumps with suitable sensor, level transducer with transmitter, 2 or 4 wire loop, all wetted parts in SS304 or above and with Remote control and suitable LED display unit easily readable upto 10m distance, cabinet to house remote display unit, Low/High alarm with suitable speaker, suitable cables with data storage capacity for 1 year and data transfer facility and with all required accessories including 1 year free replacement warranty etc., complete.

WD-M1384	Rs. 65000/- Each

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO

16.5 BRASS "V" NOTCH

Supply, delivery and fixing in position of BRASS "V" NOTCH of 10 cm and total height of 15 cm x 2mm thick brass plate fixing with brass screw etc., complete over LAUNDER CHANNEL/ SIDE WALL and as directed by TWAD Board officers.

WD-M1385	Rs. 2300/- Per Metre

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.

2) GST extra applicable as per GO

16.6 FULL BORE ELECTROMAGNETIC FLOW METER WITH 5 YEARS WARRANTY

Electromagnetic Flow Meter shall be a velocity sensing Electromagnetic type, microprocessor based signal converter, sealed housing, flanged tube meter for 1.0 Mpa working pressure, manufactured to highest standard available for mag-meters, equipped with minimum six digit digital totalizers, reading in units of (kilolitres/ cubicmeter) and shall be accurate within 0.5% of Measured value, shall operate within a range of 0.3m/sec to 4 m/sec and be constructed as follows: Meter tube (Sensor) shall be fabricated from stainless steel tube and use class PN10 flat face carbon steel flanges in accordance with IS 1538. These flanges shall be welded to the flow tube. The internal and external of the meter tube shall be blasted to near white and lined with hard rubber/ Polyurethrene/ PTFE preferably by SBR or EPDM. Meter tube shall have a constant nominal inside diameter offering no obstruction to the flow. The accuracy should be inclusive of linearity, hysteresis, repeatability, temperature and pressure effects Coil Housing shall be fabricated from stainless steel (SS 304) with Anticorrosive paint for corrosion resistance and welded to the tube providing a completely sealed environment for all coils, electrode connections and wiring harness capable of submerged or buried operation with IP 68 protection. Signal Converter shall be pulsed DC coil excitation type with auto zeroing. The signal converter shall be remotely mounted away from the meter. The converter shall indicate direction of flow and provide a flow rate indication and a total of flow volume for both forward and reverse directions. The converter shall provide an isolated 4-20 mA output into minimum 500-ohm load and a frequency output of a maximum of 0-10 KHZ and a scaled pulse output, Communication interface is RS485, HART output, . The microprocessor based signal converter shall have a self-diagnostic test mode and a backlit display that continuously displays "Rate of Flow" and "Total Volume". Converter shall be supplied with a programmable low flow drop out Higher flow and empty pipe zero return. The signal converter housing should be die-cast aluminium with glass window. The converter cum transmitter should be fully programmable from the front facia. The programming should be user friendly, self-prompting menu driven. Flowmeter test calibration certificate from FCRI, flow test lab/ NABL accredited lab to be furnished.

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1386	10/ 15 MM	1 No.	59465.12
WD-M1387	25 MM	1 No.	47618.48
WD-M1388	50 MM	1 No.	53095.12
WD-M1389	65 MM	1 No.	69061.20
WD-M1390	80 MM	1 No.	85027.28
WD-M1391	100 MM	1 No.	104358.80
WD-M1392	125 MM	1 No.	109227.04
WD-M1393	150MM	1 No.	122200.00
WD-M1394	200MM	1 No.	151741.20
WD-M1395	250MM	1 No.	188259.76
WD-M1396	300 MM	1 No.	214515.60
WD-M1397	350MM	1 No.	265655.52

WD-M1398	400MM	1 No.	322013.12
WD-M1399	450MM	1 No.	371612.80
WD-M1400	500 MM	1 No.	424918.00
WD-M1401	600MM	1 No.	487488.56
WD-M1402	700 MM	1 No.	569136.88
WD-M1403	800MM	1 No.	637159.12
WD-M1404	900 MM	1 No.	716735.76
WD-M1405	1000 MM	1 No.	905866.00
WD-M1406	1200 MM	1 No.	1301225.12
WD-M1407	1400MM	1 No.	1558612.64
WD-M1408	1600MM	1 No.	1773578.56
WD-M1409	1800 MM	1 No.	2354597.44
WD-M1410	2000 MM	1 No.	3381464.32
WD-M1411	2200 MM	1 No.	3539527.68
WD-M1412	2400MM	1 No.	3894897.76
WD-M1413	2600 MM	1 No.	4345650.40
WD-M1414	2800 MM	1 No.	4824745.12
WD-M1415	3000 MM	1 No.	5192106.40

Note: 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

17.0 HDPE TANK (IS 12701/1996)

Unique Code	Description	Unit	Rate for 2024 -25 in Rupees
1	Supply and delivery and fixing of HDPE tank as per IS 12701 / 1996 including loading, unloading, transportation and labour charges for fixing of the GI pipes and specials for pipe connection works including cutting, threading and fixing charges etc.,		
WD-M1416	200 litres	1 No.	1841.90

WD-M1417	500 litres	1 No.	4176.70
WD-M1418	1000 litres	1 No.	8435.50
WD-M1419	2000 litres	1 No.	18772.00
WD-M1420	5000 litres	1 No.	46049.20
WD-M1421	10000 litres	1 No.	97843.20

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu
2) GST extra applicable as per GO

17.1 Inspection Chamber and PE Machine holes

Unique Code	Description	Unit	Rate for 2024-25
1	Supply & Delivery of Circular Inspection Chamber including frame with cover (PP with FRP) with load bearing capacity of 1.5 Tons any where in Tamilnadu made as per EN 13598-1:2020 from 100% virgin Polypropylene (PP) material with antirodent grade having internal diameter of 450mm, to be used in buried drains and sewers for gravity system including testing as per relevant standards. It shall be used for receiving / connecting PVC, uPVC, HDPE pipes or DWC/CI/CLAY/RCC, etc. by using of appropriate transition adaptors. Chamber shall have a base confirming EN BS 13598-1 :2020 of suitable size and riser shaft with suitable height . Chambers shall have either straight channel 110mm and 160mm or two extra inlets of 110mm and 160mm at 90°/270° right and left. All chambers shall come with a prefabricated integrated base with appropriate benching with a gradient of 1-2° and as directed by the Department officers		
WD-M1422	450 mm internal dia, with 1-inlet/1-outlet 500 mm depth	1 No.	5800.00
WD-M1423	450 mm internal dia, with 1-inlet/1-outlet 750 mm depth	1 No.	7850.00

2	Supply & Delivery of Circular Inspection Chamber any where in Tamilnadu made as per EN 13598-1:2020 from 100% virgin Polyethylene (PE) material having internal diameter of 600mm for all depth, to be used in buried drains and sewers for gravity system. It shall be used for receiving / connecting PVC, uPVC, HDPE pipes or DWC/CLAY/RCC, etc. by use of appropriate transition adaptors including testing as per relevant standards Chamber shall have a base confirming on BS 13598-1 : 2020 and riser shaft of ID 600mm(±10%). Chambers shall have straight channel 315/250/200/160/110mm with two extra inlets 315/250/200/160/110mm at 90°/270° right and left. Connections at the base shall be designed to receive / connect 315/250/200/160/110 mm diameter pipes. The inlet/outlet pipes to be connected with elastomer seal for a flexible connection of pipes according to EN 681-1. All chambers shall come with a prefabricated integrated base with appropriate benching with a gradient of 1-2°. and as directed by the Department officers		
WD-M1424	600 mm internal dia, 500 mm depth	1 No.	7695.00
WD-M1425	600 mm internal dia, 750 mm depth	1 No.	11780.00
WD-M1426	600 mm internal dia, 1000 mm depth	1 No.	14150.00
3	Supply & Delivery of Plastic Poly Ethylene(PE) Circular Machine-hole Chamber any where in Tamilnadu made as per EN 13598-2:2020 from 100% virgin special rotomoulding grade Polyethylene (PE) material having internal diameter of 800mm for all depth with top opening 600mm, to be used in buried drains and sewers for gravity system. It shall be used for receiving / connecting PVC, uPVC, HDPE pipes or DWC/CI/CLAY/RCC, etc. by use of appropriate transition adaptors including testing as per relevant standards. Machinehole Chambers must have minimum onsite height adjustment of 150mm. Machinehole base shall have straight channel up to 400mm with two extra inlets at 90°/270° right and left. Connections at the base and shall be designed to receive / connect up to 400mm OD diameter pipes. The inlet/outlet pipes to be connected with elastomer seal for a flexible connection of pipes according to EN 681-1. All chambers shall have with a prefabricated integrated base with appropriate benching with a gradient of 1-2° from inlet to outlet. Machineholes must have Base-ID 800mm with Riser shaft – ID 800mm& Top cone opening 600mm. Machinehole Base must be reinforced with minimum required no. of ribs in bottom to withstand ground pressure. In case the system is made of modular parts then element rubber seal according to standard practices to be used to connect the parts. The riser shaft outside must be reinforced with horizontal ribs with projection and at suitable intervals center to enhance the products resistance to compression and anchoring in the soil. These ribs shall provide lift-retention system in case of ground water. The Cone outside must have required vertical ribs to enhance more strength to withstand traffic load. Chamber shall have inbuild corrosion free Aluminium steps with colour coated as per EN standard. These steps shall be able to take a vertical load of 2kN and pull-out resistance of 1kN etc. complete and as directed by Department officers.		
WD-M1427	800 mm internal dia, 1000 mm depth	1 No.	29785.35

WD-M1428	800 mm internal dia, 1250 mm depth	1 No.	31338.60
WD-M1429	800 mm internal dia, 1500 mm depth	1 No.	33502.70
WD-M1430	800 mm internal dia, 1750 mm depth	1 No.	36900.00
4	Supply & Delivery of Plastic PE Circular Machinehole Chamber any where in Tamilnadu made as per EN 13598-2:2020 from 100% virgin special rotomoulding grade Polyethylene (PE) material having internal diameter of 1000mm for all depth with top opening 600mm, to be used in buried drains and sewers for gravity system including testing as per relevant standards It shall be used for receiving / connecting PVC, uPVC, HDPE pipes or DWC/CI/CLAY/RCC, etc. by use of appropriate transition adaptors. Machinehole Chambers must have minimum onsite height adjustment of 150mm. Machinehole base shall have straight channel up to 600mm with two extra inlets at 90°/270° right and left. Connections at the base and shall be designed to receive / connect up to 600mm OD diameter pipes. The inlet/outlet pipes to be connected with elastomer seal for a flexible connection of pipes according to EN 681-1. All chambers shall have with a prefabricated integrated base with appropriate benching with a gradient of 1-2° from inlet to outlet. Machineholes must have Base ID-1000 mm with Riser shaft – ID 1000 mm & Top cone opening 600mm. Machinehole Base must be reinforced with minimum required no. of ribs in bottom to withstand ground pressure. In case the system is made of modular parts then element rubber seal according to standard practices to be used to connect the parts. The riser shaft outside must be reinforced with horizontal ribs with projection and in suitable intervals center to center to enhance the products resistance to compression and anchoring in the soil. These ribs shall provide lift-retention system in case of ground water. The Cone outside must have required vertical ribs to enhance more strength to withstand traffic load. Chamber shall have inbuild corrosion free Aluminium steps with colour coated as per EN standard. These steps shall be able to take a vertical load of 2kN and pull-out resistance of 1kN etc complete and as directed by Department officers.		
WD-M1431	1000 mm internal dia, 1000 mm depth	1 No.	47196.00
WD-M1432	1000 mm internal dia, 1250 mm depth	1 No.	48735.00
WD-M1433	1000 mm internal dia, 1500 mm depth	1 No.	51556.50
WD-M1434	1000 mm internal dia, 1750 mm depth	1 No.	57250.00
WD-M1435	1000 mm internal dia, 2000 mm depth	1 No.	65050.00
WD-M1436	1000 mm internal dia, 2250 mm depth	1 No.	71000.00
WD-M1437	1000 mm internal dia, 2500 mm depth	1 No.	75100.00
WD-M1438	1000 mm internal dia, 2750 mm depth	1 No.	84625.00
WD-M1439	1000 mm internal dia, 3000 mm depth	1 No.	88150.00

WD-M1440	1000 mm internal dia, 3250 mm depth	1 No.	96349.50
WD-M1441	1000 mm internal dia, 3500 mm depth	1 No.	103275.00
WD-M1442	1000 mm internal dia, 3750 mm depth	1 No.	109725.00
WD-M1443	1000 mm internal dia, 4000 mm depth	1 No.	117126.00
WD-M1444	1000 mm internal dia, 4250 mm depth	1 No.	121175.00
WD-M1445	1000 mm internal dia, 4500 mm depth	1 No.	130700.00
WD-M1446	1000 mm internal dia, 4750 mm depth	1 No.	137902.50
WD-M1447	1000 mm internal dia, 5000 mm depth	1 No.	144828.00
WD-M1448	1000 mm internal dia, 5250 mm depth	1 No.	149400.00
WD-M1449	1000 mm internal dia, 5500 mm depth	1 No.	156350.00
WD-M1450	1000 mm internal dia, 5750 mm depth	1 No.	163300.00
WD-M1451	1000 mm internal dia, 6000 mm depth	1 No.	169850.00
5	Supply & Delivery of Plastic PE Circular Machinehole Chamber any where in Tamilnadu made as per EN 13598-2:2020 from 100% virgin special rotomoulding grade Polyethylene (PE) material having internal diameter of 1200mm for all depth with top opening 600mm, to be used in buried drains and sewers for gravity system having load bearing capacity as per relevant standards. It shall be used for receiving / connecting PVC, uPVC, HDPE pipes or DWC/CI/CLAY/RCC, etc. by use of appropriate transition adaptors. Machinehole Chambers must have minimum onsite height adjustment of 150mm. Machinehole base shall have straight channel up to 600mm with two extra inlets at 90°/270° right and left. Connections at the base and shall be designed to receive / connect up to 600mm OD diameter pipes. The inlet/outlet pipes to be connected with elastomer seal for a flexible connection of pipes according to EN 681-1. All chambers shall have with a prefabricated integrated base with appropriate benching with a gradient of 1-2° from inlet to outlet. Machineholes must have Base ID-1200 mm with Riser shaft – ID 1200 mm & Top cone opening 600mm. Machinehole Base must be reinforced with minimum 5 ribs & 4 legs in bottom to withstand ground pressure. In case the system is made of modular parts then element rubber seal according to standard practices to be used to connect the parts. The riser shaft outside must be reinforced with required projection and interval center to center to enhance the products resistance to compression and anchoring in the soil. These ribs shall provide lift-retention system in case of ground water. The Cone outside must have both horizontal vertical ribs to enhance more strength to withstand traffic load. Chamber shall have inbuild corrosion free Aluminium steps with colour coated as per EN standard. These steps shall be able to take a vertical load of 2kN and pull-out resistance of 1kN etc complete and as directed by Department officers.		

WD-M1452	1200 mm internal dia, 1500 mm depth	1 No.	76950.00
WD-M1453	1200 mm internal dia, 1750 mm depth	1 No.	81567.00
WD-M1454	1200 mm internal dia, 2000 mm depth	1 No.	110779.00
WD-M1455	1200 mm internal dia, 2250 mm depth	1 No.	122094.00
WD-M1456	1200 mm internal dia, 2500 mm depth	1 No.	132354.00
WD-M1457	1200 mm internal dia, 2750 mm depth	1 No.	136279.00
WD-M1458	1200 mm internal dia, 3000 mm depth	1 No.	171329.00
WD-M1459	1200 mm internal dia, 3250 mm depth	1 No.	180828.90
WD-M1460	1200 mm internal dia, 3500 mm depth	1 No.	197980.20
WD-M1461	1200 mm internal dia, 3750 mm depth	1 No.	215132.40
WD-M1462	1200 mm internal dia, 4000 mm depth	1 No.	232283.70
WD-M1463	1200 mm internal dia, 4250 mm depth	1 No.	249079.00
WD-M1464	1200 mm internal dia, 4500 mm depth	1 No.	264629.00
WD-M1465	1200 mm internal dia, 4750 mm depth	1 No.	283179.00
WD-M1466	1200 mm internal dia, 5000 mm depth	1 No.	298729.00
WD-M1467	1200 mm internal dia, 5250 mm depth	1 No.	318042.90
WD-M1468	1200 mm internal dia, 5500 mm depth	1 No.	335194.20
WD-M1469	1200 mm internal dia, 5750 mm depth	1 No.	352346.40
WD-M1470	1200 mm internal dia, 6000 mm depth	1 No.	369497.70

18.0 MS KIOSK

Unique Code	Description	Unit	Rate for 2024-25 in Rupees
WD-M1471	Supply and delivery of MS Kiosk of size 0.75m x 0.45m x 0.75m made up of MS angle of size 50mm x 50mm x 4mm alround covered with 16 gauge MS sheet and kiosk door made up of MS plates of size 25 mm x 3 mm including cutting, welding, grinding, locking arrangements and labour charges etc.,	1 No.	9623.60

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu
2) GST extra applicable as per GO

19.0 MS LADDER

Unique Code	Description	Unit	Rate for 2024-25 in Rupees
1	Supply and Delivery and fixing of outside MS Ladder of 45cm clear wide made out of 50 mm x 50mm x 6mm MS angle for sides and steps in 16 mm MS plain rods fixed at 30cm C/C welded jointed etc ., providing with suitable side supports, clamps and locking arrangements provided with two coats of approved enamel paint over one coat of redoxide paint , for providing access to roof top of OHT of suitable inclined length , including bottom anchorage and transportation and as directed by TWAD Board officers. The rate includes concrete bed block in CC 1:2:4 using 20mm HBGS at top and bottom of suitable size with necessary anchor bolts.		
	For OHT Capacities		
WD-M1472	1. 10000 litres with - 7.5m staging height	Each	28894.20
WD-M1473	2. 20000 litres with - 7.5m staging height	Each	28894.20
2	Fabrication, supply, delivery and fixing of outside MS Ladder of 45cm clear wide made out of 50 mm x 50mm x 6mm MS angle for both sides and for steps at 30cm C/C welded jointed etc ., for I staging from GL to 1st level brace (weight 4.5kg/m) IInd and IIIrd staging upto floor slab and IVth staging from floor slab to roof top. Supply, delivery and fixing of 32 mm GI pipes medium for hand rails from I stage to IVth stage. RCC M30 Grade mix for Landing slab 5 Nos. at Ground Level- 1No. and above Ground Level - 4Nos. Supply and fixing of 32mm GI pipe medium for hand rails for the Landing slab. Supplying and fixing of MS Base plate of 100mm X 100mm X 6mm thick for fixing Anchore fastener bolt for fixing of hand rails at Landing slab and MS Ladder providing locking arrangements with two coats of approved enamel paint over one coat of red oxide paint as per approved Type Design and as directed by TWAD board officers.		
	For OHT Capacities		
WD-M1474	30000 litres capacity at 12.0m staging height	Each	141711.30
WD-M1475	40000 litres capacity at 12.0m staging height	Each	141711.30
WD-M1476	50000 litres capacity at 12.0m staging height	Each	141711.30
WD-M1477	60000 litres capacity at 12.0m staging height	Each	141711.30
WD-M1478	100000 litres capacity at 12.0m staging height	Each	141711.30

Note: 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu
2) GST extra applicable as per GO

19.1 ALUMINIUM LADDER

Unique Code	Description	Unit	Basic Rate in Rupees
WD-M1479	Manufacturing, Fabrication, Supply and delivery of Aluminium ladder 6m height Folding type for operating inside the pumproom made out of Aluminium " □ " channel 3" x 1 1/2" , 4mm thick for sides and steps in "L" channel 3" x 1 1/4" , 4mm thick @ 45cm width, 30cm c/c providing with suitable roller, rope, rubber bush etc. including cost of all materials, labour etc. complete and as directed by TWAD Board officers.	Each	7200

Note: 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu
2) GST extra applicable as per GO

20.0 MS DOOR / WINDOW/VENTILATOR

Unique Code	Description of Work	Unit	Rate for 2024-25 in Rupees.
	Supply and Delivery Fabrication of MS doors and windows with outer frame and shutter frame in MS angle of size 40mm x 40mm x 6 mm with MS flat 25mm x 25mm x 6mm and MS sheet of 18 gauge including ventilating arrangements using 20mm square MS rods with locking arrangements including two coats of approved enamel paint over coat of red oxide including cost of angles, plates, sheets, fabrication charges, cost of hold fast and transportation charges etc., complete.		
WD-M1480	Fully panelled Double leaf - Door	1.00 m x 2.50 m	8931.20
WD-M1481	Fully panelled Double leaf - Door	1.00 m x 2.10 m	7789.00
WD-M1482	Fully panelled Double leaf - Door	1.00 m x 2.00 m	5707.70
WD-M1483	Fully panelled Single leaf - Door	0.75 m x 2.10 m	4769.70
WD-M1484	Fully panelled Single leaf - Door	0.90 m x 2.00 m	5091.70
WD-M1485	Fully panelled Single leaf - Door	0.90 m x 2.10 m	5639.20
WD-M1486	Fully panelled Single leaf - Door	1.00 m x 2.00 m	5304.90
WD-M1487	Fully panelled Double leaf - Window (without Ventilator)	1.20 m x 0.90 m	4232.20
WD-M1488	Fully panelled Double leaf - Window (without Ventilator)	0.60 m x 0.90 m	3088.90
WD-M1489	Ventilator	0.45 m x 0.60 m	1857.00

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu

2) GST extra applicable as per GO

20.1 CAUTION AND DANGER BOARD

Unique Code	Description	Unit	Basic Rate in Rupees
WD-M1490	Caution and Danger Board in 12" X 8" size metal sheet of 3mm thick with lettering of 2.5" font size with flourescent paint both in English and Tamil as directed by TWAD board officers.	1 No	720.00

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu

2) GST extra applicable as per GO

21.1 REPLACEMENT ELECTRODE FOR WATER DISINFECTION EQUIPMENT USING SILVER IONIZATION

Supply and delivery of electrode assembly suitable for water disinfection equipment using silver ionization process using pure silver metal electrode and fixed on PVC/Nylon sheets and nuts with electrical leads for the following capacities. The supply should be with the quality test certificate from approved organisations.

Unique Code	Capacity LPH	Life of electrodes in million litre at dosage		Rate for 2024 -25 in Rupees.
		0.01mg/lt	0.005mg/lt	
WD-M1491	1000			2327.30
WD-M1492	2000			3880.60
WD-M1493	3000	6	12	5917.80
WD-M1494	5000	8	16	6574.10
WD-M1495	10000	9	18	7230.50
WD-M1496	15000	15	30	9861.80
WD-M1497	25000	30	60	25980.90
WD-M1498	50000	60	120	52584.60
WD-M1499	100000	120	240	105169.10
WD-M1500	200000	240	480	148624.50
WD-M1501	300000	360	720	314913.30
WD-M1502	400000	480	960	420676.50
WD-M1503	500000	600	1,200	525846.40

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

21.2 ELECTRO CHLORINATOR BASED ON COMMON SALT

Supply, Delivery, erection and commissioning of Batch type electro chlorinator using common salt as raw material, consisting of electrolyzers cell made of Titanium with coating mixed metal oxide such as Anabium, Cadmium, etc, capable of producing sodium hypochlorite solution within time span of 8 hours, having adjustable metering cum dosing pump capable of dozing the prepared sodium hypochlorite solution in water supply system with sensor having auto shut down when the storage if FRP tank gets empty. The storage vessel and electrolyzer tank (hypo processing tank) must be made of FRP tank coated inside with hypothalic -BIS standard, having capacity to store required quantity of hypochlorite solution, water and common salt for electrolysis process respectively. The electrochlorinator must have power source or control module for producing necessary DC current for electrolyser process from 440v, 3 phase / single phase AC supply and must have auto cut off after batch time of 8 hours. For all power connection, copper cables should be used.

Unique Code	Capacity in litres per day	Rate for 2024 -25 in Rupees.
WD-M1504	10,000-25,000	44598.00
WD-M1505	25,001-50,000	57883.70
WD-M1506	50,001-1,00,000	73303.40
WD-M1507	1,00,001-1,50,000	99113.80
WD-M1508	1,50,001-2,00,000	113195.90
WD-M1509	2,00,001-2,50,000	137059.60
WD-M1510	2,50,001-3,00,000	151743.30
WD-M1511	3,00,001-3,50,000	170279.60
WD-M1512	3,50,001-4,00,000	178666.40
WD-M1513	4,00,001-4,50,000	189679.60
WD-M1514	4,50,000-5,00,000	191514.80
WD-M1515	5,00,001-5,50,000	229855.30
WD-M1516	5,50,001-6,00,000	259017.90
WD-M1517	6,00,001-6,50,000	292708.20
WD-M1518	6,50,001-7,00,000	326398.40
WD-M1519	7,00,001-7,50,000	347820.00
WD-M1520	7,50,001-8,00,000	373320.00
WD-M1521	8,00,001-8,50,000	398820.00
WD-M1522	8,50,001-9,00,000	424320.00
WD-M1523	9,00,001-9,50,000	449820.00

WD-M1524	9,50,001-10,00,000	469793.30
WD-M1525	10,00,001-15,00,000	607542.20
WD-M1526	15,00,001-20,00,000	689699.30
WD-M1527	20,00,001-25,00,000	795600.00
WD-M1528	25,00,001-30,00,000	905566.80
WD-M1529	30,00,001-35,00,000	1007760.00
WD-M1530	35,00,001-40,00,000	1113602.40
WD-M1531	40,00,001-45,00,000	1188096.00
WD-M1532	45,00,001-50,00,000	1241222.00
WD-M1533	50,00,001-55,00,000	1326000.00
WD-M1534	55,00,001-60,00,000	1611837.90
WD-M1535	60,00,001-65,00,000	1654848.00
WD-M1536	65,00,001-70,00,000	1736542.40
WD-M1537	70,00,001-75,00,000	1824576.00
WD-M1538	75,00,001-80,00,000	1917597.60
WD-M1539	80,00,001-85,00,000	2015520.00
WD-M1540	85,00,001-90,00,000	2129304.70
WD-M1541	90,00,001-95,00,000	2227680.00
WD-M1542	95,00,001-100,00,000	2414436.00

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

**22.0 PROVIDING EPOXY COATING TO REINFORCEMENT STEEL BARS
(IS 13620/1993)**

Unique Code	Description	unit	Rate for 2024-25 in Rupees.
	Providing Fusion Bonded Epoxy coating not less than 175microns thickness and upto 300 microns to reinforcement of all diameters as per IS 13620/1993 including testing of coating at plant. The cost is inclusive of cost on account of careful handling, PVC coated binding wires, touchup material supplied by coating agency, repair work, loading, unloading and strengthening of bend rods etc., complete as per specification and as directed by the Engineer in charge.		
WD-M1543	for 8mm to 16mm	MT	14763.20
WD-M1544	for 20mm to 32mm	MT	11514.00

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu.
2) GST extra applicable as per GO

23.0 MECHANICAL JOINT COLLARS

Unique Code	Description	unit	Rate for 2024-25 in Rupees.
	Supply and Delivery of MJ Collars.		
WD-M1545	100mm	Each	2986.20
WD-M1546	150mm	Each	4749.20
WD-M1547	200mm	Each	6198.30
WD-M1548	250mm	Each	8628.60
WD-M1549	300mm	Each	11202.00
WD-M1550	350mm	Each	15992.70
WD-M1551	400mm	Each	19048.80
WD-M1552	450mm	Each	22033.90
WD-M1553	500mm	Each	28129.30
WD-M1554	600mm	Each	35894.30

Note : 1) The above rates are basic rates inclusive of transportation charges anywhere in Tamilnadu
2) GST extra applicable as per GO

I. RATES FOR MATERIALS

(B. MECHANICAL ITEMS)

1.0**CENTRIFUGAL MONOBLOC PUMPSET AS PER IS 9079/2002 WITHOUT
PANEL BOARD THREE PHASE**

Supply and delivery of Electric Monoset centrifugal pump conforming to IS 9079:2002 as amended from time to time, with CI FG 200 Casing, hydraulically and dynamically balanced Bronze grade LTB-2 impeller, impeller ring and casing ring, stainless steel shaft capable of discharging required quantity of water against a total head noted below due to all causes. Pump shall of BEE 3 Star Rated and capable of discharging the specified quantity at the head noted at the minimum NPSHA at site conditions. The shut off head shall be atleast 25% over and above the head at duty point. The pump shall be suitable for operation in AC three phase , 415 V+/- 10% , 50 Hz +/- 5%. Squirrel cage induction motor for continuous operation. The speed of the Pump and Motor shall be not less than 2700 to 2900 RPM respectively.

Unique Code	Duty lpmxm	Unit	Rate for 2024 - 25 in Rupees
WD-M1555	100x20	1 No	13789
WD-M1556	150x20	1 No	20315
WD-M1557	200x20	1 No	21109
WD-M1558	250x20	1 No	22679
WD-M1559	300x20	1 No	22679
WD-M1560	350x20	1 No	22679
WD-M1561	400x20	1 No	22679
WD-M1562	450x20	1 No	22679
WD-M1563	500x20	1 No	28021
WD-M1564	700x20	1 No	28336
WD-M1565	50x35	1 No	21925
WD-M1566	100x35	1 No	24915
WD-M1567	150x35	1 No	30134
WD-M1568	200x35	1 No	33924
WD-M1569	250x35	1 No	38119
WD-M1570	300x35	1 No	38119
WD-M1571	350x35	1 No	38119
WD-M1572	400x35	1 No	35901
WD-M1573	450x35	1 No	35901
WD-M1574	500x35	1 No	35901

WD-M1575	50x50	1 No	33921
WD-M1576	100x50	1 No	38119
WD-M1577	150x50	1 No	38119
WD-M1578	200x50	1 No	40760
WD-M1579	250x50	1 No	40760
WD-M1580	300x50	1 No	40760

Note:

- 1) The above rates are basic rates only.
- 2) GST extra applicable as per G.O
- 3) Duty of the Pumpset is the criteria for the rates.

2.0. SINGLE PHASE SUBMERSIBLE PUMPSET AS PER IS 8034/2002 WITHOUT PANEL BOARD

Supply and delivery of clear water vertical wet type submersible pump conforming to IS 8034/2002 and as amended thereafter and BEE 3 Star Rated capable of discharging noted LPM against head of water column due to all causes. The pump shall be with stainless steel shaft and dynamically balanced bronze or Cast SS impeller, brass screws and CI FG 200 grade pump bowl/diffuser with ISI mark. The pump shall be directly coupled to a continuous rated two pole suitable wet type vertical squirrel cage induction motor suitable for operation in AC single phase 230 V+/- 10 %, 50 HZ +/- 5 %

Unique Code.	Duty lpm x m	Unit	Rate for 2024- 25 in Rupees
WD-M1581	15x40	1 No	23797
WD-M1582	15x50	1 No	23797
WD-M1583	15x60	1 No	24743
WD-M1584	15x70	1 No	28590
WD-M1585	15x80	1 No	28590
WD-M1586	15x90	1 No	28590
WD-M1587	15x100	1 No	32616
WD-M1588	15x125	1 No	37053
WD-M1589	15X150	1 No	39883
WD-M1590	20x40	1 No	24743
WD-M1591	20x50	1 No	24743
WD-M1592	20x60	1 No	24743

WD-M1593	20x70	1 No	28590
WD-M1594	20x80	1 No	28590
WD-M1595	20x90	1 No	29119
WD-M1596	20x100	1 No	34726
WD-M1597	20X125	1 No	37053
WD-M1598	20X150	1 No	39656

Note: 1) The above rates are basic rates only.
2) GST extra applicable as per G.O.
3) Duty of the Pumpset is the criteria for the rates.

3.0 THREE PHASE SUBMERSIBLE PUMPSET SUITABLE FOR 100MM DIA BOREWELL AS PER IS 8034/2002 WITHOUT PANEL BOARD

Supply and delivery of clear water vertical wet type submersible pump suitable for 100mm dia borewell conforming to IS 8034/2002 as amended thereafter and BEE 3 Star Rated capable of discharging noted LPM against head of water column due to all causes. The pump shall be with stainless steel shaft and dynamically balanced bronze or Cast SS impeller, brass screws and CI FG 200 grade pump bowl/diffuser with ISI mark. The pump shall be directly coupled to a continuous rated two pole suitable wet type vertical squirrel cage induction motor as per IS9283 /1995 and as amended there after, suitable for operation in AC three phase 415 V+/- 10 %, 50 HZ +/- 5 %

Unique Code	Duty lpm x m	Unit	Rate for 2024- 25 in Rupees
WD-M1599	30x40	1 No	24229
WD-M1600	30x50	1 No	24371
WD-M1601	30x60	1 No	25511
WD-M1602	30x70	1 No	26937
WD-M1603	30x80	1 No	30785
WD-M1604	30x90	1 No	33493
WD-M1605	30x100	1 No	33493
WD-M1606	30x125	1 No	36771
WD-M1607	40x40	1 No	24087
WD-M1608	40x50	1 No	25369
WD-M1609	40x60	1 No	25369

WD-M1610	40x70	1 No	33065
WD-M1611	40x80	1 No	34491
WD-M1612	40x90	1 No	37198
WD-M1613	40x100	1 No	37198

Note: 1) The above rates are basic rates only.
2) GST extra applicable as per G.O.
3) Duty of the Pumpset is the criteria for the rates.

3.1 THREE PHASE SUBMERSIBLE PUMPSET SUITABLE FOR 150MM DIA BOREWELL AS PER IS 8034/2002 WITHOUT PANEL BOARD

Supply and delivery of clear water vertical wet type submersible pumpset suitable for 150mm dia borewell conforming to IS 8034/2002 as amended thereafter and BEE 3 Star Rated capable of discharging noted LPM against head of water column due to all causes. The pump shall be with stainless steel shaft and dynamically balanced bronze or Cast SS impeller, brass screws and CI FG 200 grade pump bowl/diffuser with ISI mark. The pump shall be directly coupled to a continuous rated two pole suitable wet type vertical squirrel cage induction motor as per IS9283 /1995 as amended there after, suitable for operation in AC three phase 415 V+/- 10 %, 50 HZ +/- 5 %

Unique Code	Duty lpm x m	Unit	Rate for 2024- 25 in Rupees
WD-M1614	50x40	1 No	33943
WD-M1615	50x50	1 No	36849
WD-M1616	50x60	1 No	36849
WD-M1617	50X75	1 No	41834
WD-M1618	50x100	1 No	49415
WD-M1619	50x125	1 No	54716
WD-M1620	50x175	1 No	67014
WD-M1621	50x200	1 No	77002
WD-M1622	50x225	1 No	79973
WD-M1623	50x250	1 No	86797
WD-M1624	50x275	1 No	102980
WD-M1625	75x40	1 No	36240
WD-M1626	75x50	1 No	37403
WD-M1627	75x60	1 No	39241

WD-M1628	75x75	1 No	44747
WD-M1629	75x100	1 No	54661
WD-M1630	75x125	1 No	57511
WD-M1631	75x150	1 No	67014
WD-M1632	75x175	1 No	69159
WD-M1633	75x200	1 No	75636
WD-M1634	75x225	1 No	79613
WD-M1635	75x250	1 No	94324
WD-M1636	75x275	1 No	102980
WD-M1637	100x30	1 No	33943
WD-M1638	100x40	1 No	36240
WD-M1639	100x50	1 No	39533
WD-M1640	100x60	1 No	41834
WD-M1641	100x75	1 No	49328
WD-M1642	100x100	1 No	57499
WD-M1643	100x125	1 No	67009
WD-M1644	100x175	1 No	67009
WD-M1645	100x200	1 No	73136
WD-M1646	100x225	1 No	94433
WD-M1647	100x250	1 No	102980
WD-M1648	125x25	1 No	34270
WD-M1649	125x40	1 No	36240
WD-M1650	125x50	1 No	39379
WD-M1651	125x60	1 No	43570
WD-M1652	125x75	1 No	44386
WD-M1653	125x100	1 No	53921
WD-M1654	125x125	1 No	60752

WD-M1655	125x200	1 No	82656
WD-M1656	125x225	1 No	87904
WD-M1657	150x25	1 No	34270
WD-M1658	150x40	1 No	36240
WD-M1659	150x50	1 No	36849
WD-M1660	150x60	1 No	43570
WD-M1661	150x75	1 No	48372
WD-M1662	150x100	1 No	54827
WD-M1663	150x125	1 No	60751
WD-M1664	175x40	1 No	36240
WD-M1665	175x50	1 No	43184
WD-M1666	175x60	1 No	44557
WD-M1667	175x75	1 No	44557
WD-M1668	175x100	1 No	53219
WD-M1669	200x25	1 No	34270
WD-M1670	200x40	1 No	36240
WD-M1671	200x50	1 No	40428
WD-M1672	200x60	1 No	48771
WD-M1673	200x75	1 No	49328
WD-M1674	200x100	1 No	60219
WD-M1675	200x125	1 No	69372
WD-M1676	250x40	1 No	36240
WD-M1677	250x50	1 No	43680
WD-M1678	250x60	1 No	43680
WD-M1679	250x75	1 No	59055
WD-M1680	250x100	1 No	69374
WD-M1681	250x125	1 No	84037

WD-M1682	300x40	1 No	37757
WD-M1683	300x50	1 No	44043
WD-M1684	300x60	1 No	59325
WD-M1685	300x75	1 No	68537
WD-M1686	300x100	1 No	70098
WD-M1687	350x40	1 No	44043
WD-M1688	350x50	1 No	51528
WD-M1689	350x60	1 No	59325
WD-M1690	350x75	1 No	69372
WD-M1691	350x100	1 No	77265
WD-M1692	400x40	1 No	52021
WD-M1693	400x50	1 No	65246
WD-M1694	400x60	1 No	61102
WD-M1695	400x75	1 No	81426
WD-M1696	500x40	1 No	57822
WD-M1697	500x50	1 No	61102
WD-M1698	500x75	1 No	81426
WD-M1699	600x40	1 No	59811
WD-M1700	600x50	1 No	80604
WD-M1701	600x75	1 No	92868

Note:

- 1) The above rates are basic rates only.
- 2) GST extra applicable as per GO)
- 3) Duty of the Pumpset is the criteria for the rates.

4.0 OPENWELL SUBMERSIBLE PUMPSET AS PER IS 14220 / 2002 WITHOUT PANEL BOARD

Supply and delivery of Open well Submersible pump set conforming to IS 14220 /2002 and as amended thereafter and BEE 3 Star Rated capable of discharging the following duties due to all causes. The pump shall be with stainless steel shaft and dynamically balanced bronze mixed type impeller, CI FG 200 grade casing and brass screws and rotor shall be of copper rod as per IS 613/1984 with ISI mark. The pump suitable for installation in sump with 1.1KV grade 3 core suitable copper flat submersible cable to a length of 15m with necessary cable joints. The non-return valve located at the top of the pump in the discharge outlet connection is to be designed with minimum friction. The pump should be directly coupled to 2880 RPM, three phase, 50 Hz (± 5), 415V+6% & 415V-15% squirrel cage induction motor suitable for DOL upto 5 HP, Fully Automatic Air break Star Delta up to 20 HP and Auto Transformer starter for above 20 HP starting and for continuous operation.

Unique Code	Duty lpm x m	Unit	Rate for 2024- 25 in Rupees
WD-M1702	50x25	1 No	29498
WD-M1703	50x40	1 No	29540
WD-M1704	50x50	1 No	35028
WD-M1705	50x60	1 No	43810
WD-M1706	50x75	1 No	57304
WD-M1707	50x100	1 No	57982
WD-M1708	50x125	1 No	94636
WD-M1709	75x25	1 No	29539
WD-M1710	75x40	1 No	33122
WD-M1711	75x50	1 No	37527
WD-M1712	75x60	1 No	43810
WD-M1713	75x75	1 No	57304
WD-M1714	75x100	1 No	57984
WD-M1715	75x125	1 No	88580
WD-M1716	75x150	1 No	115638
WD-M1717	100x25	1 No	31928
WD-M1718	100x40	1 No	37527
WD-M1719	100x50	1 No	39447
WD-M1720	100x60	1 No	57305

WD-M1721	100x75	1 No	57983
WD-M1722	100x100	1 No	57983
WD-M1723	100x125	1 No	94781
WD-M1724	125x25	1 No	32789
WD-M1725	125x40	1 No	39377
WD-M1726	125x50	1 No	46403
WD-M1727	125x75	1 No	57305
WD-M1728	125x100	1 No	57983
WD-M1729	125x125	1 No	94781
WD-M1730	150x25	1 No	33548
WD-M1731	150x40	1 No	39377
WD-M1732	150x50	1 No	39447
WD-M1733	150x60	1 No	57304
WD-M1734	150x75	1 No	57304
WD-M1735	150x100	1 No	57984
WD-M1736	150x125	1 No	97093
WD-M1737	175x25	1 No	33082
WD-M1738	175x40	1 No	39377
WD-M1739	175x50	1 No	46403
WD-M1740	175x60	1 No	57305
WD-M1741	175x75	1 No	57305
WD-M1742	175x100	1 No	82038
WD-M1743	200x25	1 No	33082
WD-M1744	200x40	1 No	39377
WD-M1745	200x50	1 No	39447
WD-M1746	200x60	1 No	57305
WD-M1747	200x75	1 No	65286

WD-M1748	200x100	1 No	82038
WD-M1749	200x125	1 No	114912
WD-M1750	250x25	1 No	33548
WD-M1751	250x40	1 No	39447
WD-M1752	250x50	1 No	48804
WD-M1753	250x60	1 No	57305
WD-M1754	250x75	1 No	81328
WD-M1755	250x100	1 No	86889
WD-M1756	250x125	1 No	113188
WD-M1757	300x25	1 No	33548
WD-M1758	300x40	1 No	39447
WD-M1759	300x50	1 No	46403
WD-M1760	300x60	1 No	65286
WD-M1761	300x75	1 No	82038
WD-M1762	300x100	1 No	86889
WD-M1763	350x25	1 No	36156
WD-M1764	350x40	1 No	51624
WD-M1765	350x50	1 No	57717
WD-M1766	350x60	1 No	67129
WD-M1767	350x75	1 No	82038
WD-M1768	350x100	1 No	86889
WD-M1769	400x25	1 No	39447
WD-M1770	400x40	1 No	51830
WD-M1771	400x50	1 No	57717
WD-M1772	400x60	1 No	69028
WD-M1773	400x75	1 No	82319
WD-M1774	500x25	1 No	39447

WD-M1775	500x40	1 No	51830
WD-M1776	500x50	1 No	57717
WD-M1777	500x75	1 No	83201
WD-M1778	600x25	1 No	39377
WD-M1779	600x40	1 No	58816
WD-M1780	600x50	1 No	70341
WD-M1781	600x75	1 No	83201
WD-M1782	700x40	1 No	62644
WD-M1783	700x60	1 No	84378
WD-M1784	700x80	1 No	88377
WD-M1785	700x100	1 No	86782
WD-M1786	800x40	1 No	65739
WD-M1787	800x60	1 No	84378
WD-M1788	800x80	1 No	88377
WD-M1789	800x100	1 No	88544
WD-M1790	900x40	1 No	83577
WD-M1791	900x60	1 No	84378
WD-M1792	900x80	1 No	88377
WD-M1793	900x100	1 No	88544
WD-M1794	1000x40	1 No	97781
WD-M1795	1000x60	1 No	100271
WD-M1796	1000x80	1 No	118610
WD-M1797	1000x100	1 No	190165
WD-M1798	1250x40	1 No	113363
WD-M1799	1250x60	1 No	130388
WD-M1800	1250x80	1 No	211164
WD-M1801	1250x100	1 No	211164

WD-M1802	1500x40	1 No	123508
WD-M1803	1500x60	1 No	187048
WD-M1804	1500x80	1 No	218607
WD-M1805	1500x100	1 No	263048
WD-M1806	2000x40	1 No	141316
WD-M1807	2000x60	1 No	218607
WD-M1808	2000x80	1 No	218607
WD-M1809	2000x100	1 No	218607
WD-M1810	2500x40	1 No	206030

Note:

- 1) The above rates are basic rates only.
- 2) GST extra applicable as per GO.
- 3) Duty of the Pumpset is the criteria for the rates.

5.0 RATES FOR HORIZONTAL SPLIT CASTING CENTRIFUGAL PUMP (1500 RPM) conforming to IS 1520

Supply and delivery of Horizontal split casing centrifugal pump conforming to IS 1520 and as amended thereafter with CI casing and split glands, stainless steel shaft, hydraulically and dynamically balanced bronze impellers capable of discharging required quantity of water against a total head noted below due to all causes and with the accessories such as G.M air release cock, Grease cup, G.I priming funnel, M.S lifting hook, drip water G.I pipe connections, leading to the outside of pump house rubber water deflector, double flap foot valve, G.M strainer including unique tyre type coupling, common M.S fabricated base to mount pump and motor and other standard fittings etc complete. Pump shall be capable of discharging the specified quantity at the head noted at the minimum NPSH at site conditions. The shut off head shall be atleast 25% over and above the head at duty point. The pump shall be suitable for operation in AC three phase, 415 V, 50 Hz, 1500 RPM.

Unique Code	Capacity in LPM	Rate for 2024- 25 in Rupees										Rs. in Lakhs.		
		Head in Metres												
		25	30	35	40	45	50	55	60	70	80	90		
A		B	C	D	E	F	G	H	I	J	K			
WD-M1811	1500	4.16	3.97	4.83	4.89	4.93	5.94	6.29	6.31	6.72	6.72	7.49		
WD-M1812	2500	4.16	4.16	4.94	5.10	6.08	6.08	6.40	6.76	7.55	7.83	7.83		
WD-M1813	3000	4.16	4.16	5.21	5.27	6.40	6.40	6.08	6.76	8.08	8.08	8.14		
WD-M1814	3500	4.16	4.16	5.21	5.27	6.40	7.30	7.15	7.94	8.61	8.61	8.61		
WD-M1815	4000	4.81	4.81	5.27	5.27	6.48	7.39	8.22	8.43	8.61	8.61	8.61		
WD-M1816	5000	5.26	5.26	5.40	5.56	7.53	7.84	8.57	8.88	9.15	9.20	9.22		
WD-M1817	6000	5.26	5.26	7.29	7.46	7.91	8.46	8.96	9.95	10.41	10.61	10.96		
WD-M1818	7000	6.72	7.15	7.39	7.67	8.27	8.61	9.26	10.16	10.46	11.70	11.93		
WD-M1819	8000	6.91	7.15	7.46	8.22	8.61	9.06	9.26	9.70	15.14	15.51	16.27		
WD-M1820	9000	6.91	7.39	7.64	8.61	8.88	9.06	9.26	9.39	15.87	17.38	18.72		
WD-M1821	10000	6.91	7.39	7.75	8.65	9.09	9.47	9.47	16.40	20.97	21.86	21.99		
WD-M1822	15000	8.51	8.76	8.54	10.51	11.03	11.62	13.67	18.13	21.83	21.83	21.99		
WD-M1823	20000	9.34	9.52	9.53	18.47	18.97	20.83	23.77	23.77	24.28	24.41	25.08		
WD-M1824	25000	21.51	21.85	22.46	22.78	23.35	23.39	24.32	24.32	25.08	25.62	25.53		
WD-M1825	30000	23.27	24.14	25.29	25.67	25.89	23.99	26.56	30.32	34.24	35.48	36.47		

Note: 1) The above rates are basic rates inclusive of MS base plate, flexible tyre coupling and foundation bolts.

2) GST extra applicable as per GO

3) Efficiency may be taken from universal curve for calculation of motor HP, otherwise manufacturers may be consulted for efficiency curve.

4) NPSH requirement should be assessed and sump should be designed accordingly.

6.0**HORIZONTAL SQUIRREL CAGE MOTOR 1500 RPM****AC three Phase /415 V/ Horizontal SPDP 4 Pole Squirrel cage Induction motor for HSC Centrifugal pumps**

Supply and delivery of AC three Phase 4 pole Horizontal squirrel cage Induction motor confirming to IS 325/1996 and as amended thereafter with Class F insulation to suit the speed of pump and suitable for operation with continuous S1 rated, 415 V +/- 10 %, 50 HZ +/- 5%, TEFC (upto 20 HP), SPDP (above 20 HP). The motor offered should be of energy efficient motors.

Unique Code	KW	HP	Rate for 2024- 25 in Rupees
WD-M1826	9.3	12.5	108024
WD-M1827	11	15	114681
WD-M1828	15	20	135072
WD-M1829	18.5	25	184506
WD-M1830	22	30	202620
WD-M1831	30	40	229305
WD-M1832	37	50	287396
WD-M1833	45	60	347631
WD-M1834	55	75	354846
WD-M1835	75	110	538887
WD-M1836	90	120	567756
WD-M1837	110	150	708409
WD-M1838	125	170	911778
WD-M1839	132	180	964703
WD-M1840	150	200	973123
WD-M1841	160	215	1060933
WD-M1842	180	240	1060933
WD-M1843	187	250	1104236
WD-M1844	200	270	1186031
WD-M1845	220	300	1558923
WD-M1846	250	335	1774950

WD-M1847	280	375	2449046
WD-M1848	300	400	2826750

Note: 1)The above rates are basic rates inclusive of handling charges.

2) GST extra applicable as per GO

7.0

HORIZONTAL SQUIRREL CAGE MOTOR 1000 RPM

AC three Phase /415 V/ Horizontal SPDP 6 Pole Squirrel cage Induction motor for HSC Centrifugal pumps

Supply and delivery of AC three Phase 6 pole Horizontal squirrel cage Induction motor confirming to IS 325/1996 and as amended thereafter with Class F insulation to suit the speed of pump and suitable for operation with continuous S1 rated, 415 V +/- 10%, 50 HZ +/- 5%, TEFC (upto 20 HP), SPDP (above 20 HP). The motor offered should be of energy efficient motors.

Unique Code	KW	HP	Rate for 2024- 25 in Rupees
WD-M1849	9.3	12.5	104819
WD-M1850	11	15	110144
WD-M1851	15	20	155230
WD-M1852	18.5	25	183324
WD-M1853	22	30	235967
WD-M1854	30	40	294333
WD-M1855	37	50	367900
WD-M1856	45	60	453211
WD-M1857	55	75	519226
WD-M1858	75	110	623224
WD-M1859	90	120	706949
WD-M1860	110	150	908297
WD-M1861	125	170	1080679
WD-M1862	132	180	1080679
WD-M1863	150	200	1153566
WD-M1864	160	215	1244078
WD-M1865	180	240	1741075

WD-M1866	187	250	1768923
WD-M1867	200	270	1914637
WD-M1868	220	300	2196824
WD-M1869	250	335	2459350

Note:

- 1) The above rates are basic rates inclusive of handling charges.
- 2) GST extra applicable as per GO

8.0 VERTICAL TURBINE PUMP (WATER LUBRICATED) CONFIRMING TO IS1710/1989 (REAFFIRMED 2009) 1500 RPM SUITABLE FOR VERTICAL HOLLOW SHAFT SQUIRREL CAGE

Supply and delivery of Vertical type water/Oil lubricated statically, dynamically, hydraulically balanced turbine pump capable of discharging the following duty condition as given below due to all causes with surface discharge head conforming to IS 1710 and as amended as on date with accessories as per IS 5120/1977 (Reaffirmed 2011) and as amended thereafter to suit the site condition. The speed, No. of stages, sizes of column pipes and line shaft indicated is based on site condition prevailing during investigation. The pump should be supplied with non reversible ratchet pin housing safety clutch, suction strainer etc. The Pump Bowl assembly shall be with bronze impeller running at 1450 rpm. The pump includes suitable head shaft, suitable 1.5 metre long SS line shaft required Nos. to suit the well depth, Rubber line shaft bearing of required Nos., C.I Bearing retainer of required Nos., 100 litre HDPE Pre- lubricating tank with 20mm PVC Rigid pipe connection along with G.M gate valves, Suitable ERW column pipe of each 1.5m long of required Nos. to suit the well depth, Suction bell mouth of suitable size, M.S. clamps suitable for column pipe/line shaft -2 set and Spanner - 1 set etc complete

Unique Code	Capacity in LPM	Rate for 2024- 25 in Rupees										Rs. in Lakhs			
		Head in Metres													
		15m	20m	30m	40m	50m	60m	70m	80m	90m	100m				
	A		B	C	D	E	F	G	H	I	J				
WD-M1870	1500	4.16	4.16	4.44	4.44	4.61	4.73	5.00	5.00	5.53	5.82				
WD-M1871	2000	8.32	8.81	9.86	10.93	12.18	13.02	13.55	13.83	14.10	15.09				
WD-M1872	3000	10.75	10.99	11.66	12.97	14.35	14.94	15.51	15.51	15.51	15.59				
WD-M1873	4000	11.76	12.16	15.13	15.37	15.59	15.59	16.09	17.12	17.60	17.60				
WD-M1874	5000	14.20	14.63	15.37	14.79	16.95	17.37	18.09	18.38	18.63	19.14				
WD-M1875	6000	14.63	14.63	15.58	16.37	17.37	17.37	18.09	18.38	18.65	19.14				
WD-M1876	7000	14.63	14.63	15.58	16.37	17.37	17.37	18.65	18.65	18.65	19.14				
WD-M1877	8000	15.89	15.89	16.37	17.13	17.60	17.60	18.65	18.65	18.65	19.14				
WD-M1878	10000	15.58	15.89	16.51	17.13	17.60	18.09	18.65	18.65	19.14	19.14				
WD-M1879	15000	17.08	17.47	17.60	18.09	17.29	19.14	19.62	20.65	21.13	21.61				
WD-M1880	20000	19.44	20.06	20.88	21.65	22.20	24.81	27.28	27.82	32.06	38.60				
WD-M1881	25000	19.98	20.62	21.39	22.05	22.71	25.30	27.82	28.47	32.71	39.78				
WD-M1882	30000	34.26	35.87	37.19	39.70	40.08	42.22	42.72	47.50	48.08	53.18				

Note: 1) The above rates are basic rates inclusive of transportation, handling charges

2) GST extra applicable as per GO

3) Multiply with 1.15 for oil lubricated pumps (for raw water)

4) Rates given are with suspension length of 7m, bronze impeller, SS 401 shaft, MS column pipe, discharge case & CI bell mouth.

5) Add 7.5% extra for each 1.5 m length column pipe assembly in the above rate.

9.0 VERTICAL HOLLOW/SOLID SHAFT MOTORS FOR TURBINE PUMP**AC three Phase / 415 V/ Vertical Hollow/ Solid Shaft TEFC & SPDP 4 Pole
Squirrel cage Induction motor 1500RPM**

Supply and delivery of vertical Hollow/Solid shaft Squirrel cage induction motor (IS 325) suitable for the above pump continuous rated TEFC/SPDP type with Class 'F' insulation for operation in AC, three Phase/50 HZ ($\pm 5\%$), 415V ($\pm 10\%$) running with a speed of pump noted above and with inbuilt thrust bearing assembly capable of taking up the entire load and non - reverse ratchet assembly etc., complete. The motor rating noted above is the minimum and shall be such that it should never be over loaded when the pump works at MWL condition and shall be 10% over and above the maximum HP absorbed by the pump. The motor offered should be energy efficient to have maximum efficiency at high power factor. Separate thrust bearing assembly could also be supplied to take up the down load.

Unique Code	KW	HP	Rate for 2024- 25 in Rupees
TEFC MOTORS			
WD-M1883	18.5	25	129861
WD-M1884	22	30	142850
WD-M1885	30	40	165269
WD-M1886	37	50	216321
WD-M1887	45	60	261360
SPDP MOTORS			
WD-M1888	55	75	409201
WD-M1889	75	100	539929
WD-M1890	90	120	563119
WD-M1891	110	150	725641
WD-M1892	125	170	749910
WD-M1893	132	180	840919
WD-M1894	150	200	947334
WD-M1895	160	215	1138213
WD-M1896	180	240	1186751
WD-M1897	187	250	1195245
WD-M1898	200	270	1322657
WD-M1899	220	300	1383329
WD-M1900	250	335	1480406
WD-M1901	280	375	1730066

WD-M1902	300	400	1961325
WD-M1903	380	520	2166402
WD-M1904	400	540	2563467

Note: 1) The above rates are basic rates only inclusive of handling charges.
2) GST extra applicable as per GO

10.0 Iron core Oil Cooled Transformer with Copper Winding Conforming to IS 1180 (Part 1) of 2014

Supply and delivery of 11 KV/433 Volts, 22 KV/433 Volts, three Phase 50 HZ double wound oil immersed natural air cooled, core type continuous rating, outdoor distribution power transformer with copper winding for voltage ratio 22-11 KV/433 volts between phases with neutral brought out at LV side. The transformer shall be contained in a mild steel plain & radiator cooled tank, conforming to IS 1180 (Part I) of 2014 with off-load tap switch for $\pm 10\%$ on L.V side and $\pm 5\%$ on H.V. side. The transformer shall be supplied with first filling of oil and consisting of all the fittings and accessories such as Inspection cover, Oil level indicator with minimum and filling level markings, Externally operated off circuit tap changing switch with locking device & keys, H.V. Terminals- Bushings, L.V. Terminals cable box Rating plate, Two earthing terminals, Two lifting hooks etc complete as per IS 1180 (Part I) of 2014 and as amended thereafter.

Sl. No.	Rating in KVA	Rate for 2024-25 in Rupees	
		11KV / 433 V	22 KV / 433 V
1	63	PWD rate	PWD rate
2	100		
3	150		
4	160		
5	200		
6	250		
7	315		
8	400		
9	500		
10	630		
11	750		
12	800		
13	1000		

Note :- 1) The above rates are basic rates inclusive of transportation and handling charges
2) GST extra applicable as per GO

11.0**SINGLE PHASE PANEL BOARD WITH TWO LEVEL GUARD AND AUTO START**

Supply and delivery of direct online starter confirming to IS13947, IEC60947-1 and as amended thereafter with suitable KW rating for operation in AC/single Phase/50HZ($\pm 5\%$) and 230 V($\pm 10\%$) including Ammeter, Voltmeter, Thermal Overload relay, 16 Amps 2 pole Magnetic Contactor with under Voltage protection, Indication lamp, starting capacitor, running capacitor and On/Off Push button switches, 5 way connector, wiring with 1 sq. mm/1.5 sq. mm copper PVC insulated cable, powder coated vermin proof box including the capacitor (the cost of capacitor is to be taken separately).

Unique Code	HP	Unit	Rate for 2024- 25 in Rupees
WD-M1905	1	1 No.	6707
WD-M1906	1.5	1 No	6988
WD-M1907	2	1 No	8100

- Note:
- 1) The rate are basic rates with inclusive of two level guard worth Rs.585/- and auto start facility worth Rs. 437/-
 - 2) Timer is not recommended for this panel board.
 - 3) Panel board should be provided as per specification given in Board circular No. 23/DCE/QATA/2004/Dt. 23.8.2004
 - 4) GST extra applicable as per GO

11.1**THREE PHASE PANEL BOARD- D.O.L WITH TWO LEVEL GUARD AND AUTO START**

Supply and delivery of direct online starter confirming to IS13947, IEC60947-1 and as amended thereafter with suitable KW rating for operation in AC/Three Phase/50HZ($\pm 5\%$) and 415 V($\pm 10\%$) including Ammeter, Voltmeter, Thermal Overload relay, 16 Amps 2 pole Magnetic Contactor with under Voltage protection, Indication lamp, starting capacitor, running capacitor and On/Off Push button switches, 5 way connector, wiring with 1 sq. mm/1.5 sq. mm copper PVC insulated cable, powder coated vermin proof box including the capacitor (the cost of capacitor is to be taken separately).

Unique Code	HP	Unit	Rate for 2024- 25 in Rupees
WD-M1908	1	1 No.	15735
WD-M1909	2	1 No	15735
WD-M1910	3	1 No	16069
WD-M1911	4	1 No.	16069
WD-M1912	5	1 No	16480
WD-M1913	6	1 No	16480

- Note:
- 1) The rate are basic rates with inclusive of two level guard worth Rs.585/- and auto start facility worth Rs. 437/-
 - 2) For Timer facility if necessary Rs.4000 may be added as extra.
 - 3) Panel board should be provided as per specification given in Board circular No. 23/DCE/QATA/2004/Dt. 23.8.2004
 - 4) GST extra applicable as per GO
 - 5) DOL Starters are to be adopted upto 6HP

11.2 THREE PHASE PANEL BOARD STAR- DELTA WITH TWO LEVEL GUARD AND AUTO START

Supply and delivery of Star-Delta starter confirming to IS 13947, IEC60947-1 and as amended thereafter with suitable KW rating for operation in AC/ Three Phase/50HZ (+/- 5%) and 415V (+/- 10%) including 3 pole magnetic contactor with under voltage release - 3 Nos., CT operated Ammeter (65 mm dia) with suppressed scale, Voltmeter (65mm dia), Voltmeter selector switch, Miniature circuit breaker, Thermal Overload relay, Air Break contactors suitable for next Standard higher KW rating, Single phasing preventor, dry running preventor and On/Off Push button switches, wiring with 1 sq.mm/4 sq. mm copper pvc insulated cable, powder coated vermin proof box, including the capacitor (the cost of capacitor is to be taken separately).

Unique Code	HP	Unit	Rate for 2024- 25 in Rupees
WD-M1914	6	1 No.	19784
WD-M1915	7.5	1 No	20772
WD-M1916	10	1 No	25162
WD-M1917	12.5	1 No.	26210
WD-M1918	15	1 No	27290
WD-M1919	20	1 No	27290
WD-M1920	25	1 No	27290

- Note: 1) The rate are basic rates with inclusive of two level guard worth Rs.585/- and auto start facility worth Rs. 437/-
2)For Timer facility if necessary Rs. 4000 may be added as extra.
3) Panel board should be provided as per specification given in Board circular No. 23/DCE/QATA/2004/Dt. 23.8.2004.
4) Air Break Fully Automatic Star Delta starters are suggested for above 6HP and upto 20HP and Auto Transformer starter for above 20HP are to be adopted.
5) GST extra applicable as per GO

11.3 DOL STARTER WITH SINGLE PHASING PREVENTOR WITH ANALOG AMMETER AND VOLTMETER CONFORMING TO IS 13947, IEC 60947-1 WITH AUTO RESTART FACILITY FOR PUMP HOUSES WHERE PANEL BOARDS ARE AVAILABLE

Supply and delivery of direct online starter confirming to IS13947, IEC60947-1 and as amended thereafter with suitable KW rating for operation in AC/ three Phase/50HZ(+/- 5%) and 415V (+/- 10%) including Ammeter, Overload relay, under Voltage release with no Volt coil, Air Break contactors suitable for next Standard higher KW rating, Single phasing preventor, dry running preventor and On/Off Push button switches, including the capacitor(the cost of capacitor is to be taken separately).

WD-M1921	Upto 5 HP - Rs. 5984 /each.

- Note : 1) The above rate is basic rate only.
2) GST extra applicable as per GO

11.4 FLEX COMPENSATED MAGNETIC AMPLIFIER SOFT STARTER SUITABLE FOR L.T. SQUIRREL CAGE MOTOR

Supply and delivery of floor mounted type FCMA Air/ Oil Cooled soft starter suitable for the LT motor offered for operation in AC three Phase 50Hz (+/- 5%), 415V(+/-10%) including line contactors suitable for next standard higher KW rating, Over load relay, instrument panel with frequency meter, Ammeter, Voltmeter, indicating lamp 6Nos, LED ON/OFF type and Start /Stop push button.

Unique Code	KW	Unit	Rate for 2024- 25 in Rupees
WD-M1922	30 to 37	1 No	217855
WD-M1923	38 to 75	1 No	388408
WD-M1924	76 to 135	1 No	541528
WD-M1925	136 to 160	1 No	612490
WD-M1926	161 to 250	1 No	915002
WD-M1927	251 to 300	1 No	1073102
WD-M1928	301 to 500	1 No	1509178
WD-M1929	501 to 750	1 No	1978144

Note: 1)The above rates are basic rates only
2) FCMA soft starters are to be adopted for 100 HP and above.
3) GST extra applicable as per GO

11.5 FLEX COMPENSATED MAGNETIC AMPLIFIER SOFT STARTER SUITABLE FOR H.T. SQUIRREL CAGE MOTOR

Supply and delivery of suitable KW indoor automatic air cooled dust and vermin proof FCMA Soft Starter for the operation in 3.3 KV three Phase 50 HZ, AC supply termination with phase segregated neutral terminal box of the motor , housed in 14 SWG sheet steel enclosure, painted with epoxy or polyurethane , 230V AC 10 Amps control supply , Class B insulation, 300 mm height fabricated pedestal (to prevent water ingress for starter panel) and condensation heater with switch and thermostat, interlocking with running motor with built in facility for run mode/ by pass etc. complete. The starter may be provided with contactors suitable for next standard higher KW rating, Over load relay, instrument panel with frequency meter, Ammeter, Voltmeter, indicating lamp 6 Nos, LED ON/OFF type and Start /Stop push button.

Unique Code	KW	Unit	Rate for 2024- 25 in Rupees
WD-M1930	250	1 No	874325
WD-M1931	300	1 No	920923
WD-M1932	350	1 No	988800
WD-M1933	400	1 No	1036195
WD-M1934	500	1 No	1081543

WD-M1935	600	1 No	1216300
WD-M1936	700	1 No	1338429
WD-M1937	800	1 No	1495949
WD-M1938	900	1 No	1622952
WD-M1939	1000	1 No	1775314

Note: 1) The above rates are basic rates only
2) FCMA soft starters are to be adopted for 100 HP and above.
3) GST extra applicable as per GO

11.6 FULLY AUTOMATIC AIR BREAK STAR DELTA STARTER WITH SINGLE PHASE PREVENTOR WITH AMMETER CONFIRMING TO IS 13947, IEC 60947-1 WITH AUTO RESTART FACILITY FOR PUMP HOUSES WHERE PANEL BOARDS ARE AVAILABLE

Supply and delivery of Star-Delta starter where panel boards are available confirming to IS 13947, IEC60947-1 and as amended thereafter with suitable KW rating for operation in AC/ three Phase/50HZ(+/- 5%) and 415V (+/- 10%) including 3 pole magnetic contactor with under voltage release - 3 Nos., CT operated Ammeter(65 mm dia) with suppressed scale, Voltmeter (65mm dia), Voltmeter selector switch, Miniature Circuit breaker, Thermal Overload relay, Air Break contactors suitable for next Standard higher KW rating, Single phasing preventor, dry running preventor and On/Off Push button switches, wiring with 1 sq.mm/4 sq. mm copper pvc insulated cable, powder coated vermin proof box, including the capacitor (the cost of capacitor is to be taken separately).

Unique Code	KW Rating	HP	Unit	Rate for 2024- 25 in Rupees
WD-M1940	7.5	10	1 No	19890
WD-M1941	11	15	1 No	19890
WD-M1942	15	20	1 No	21448
WD-M1943	18.5	25	1 No	21448
WD-M1944	22	30	1 No	35005
WD-M1945	30	40	1 No	40097
WD-M1946	37	50	1 No	45729

Note: 1) The above rates are basic rates inclusive of handling charges.
2) GST extra applicable as per GO
3) Air Break Fully Automatic Star Delta starters are suggested for above 6HP and upto 20HP and Auto Transformer starter for above 20HP are to be adopted.

11.7 FULLY AUTOMATIC AIR BREAK AUTO TRANSFORMER STARTER WITH SINGLE PHASING PREVENTOR WITH AMMETER CONFIRMING TO IS 8544 Part IV WITH AUTO RESTART FACILITY

Supply and delivery of Fully Automatic Auto Transformer Starter suitable for the motor offered. Floor mounting type air/ oil cooled Auto Transformer Starter with tapings at 50%, 65%, 80%, housed in robust steel chamber with arc and main contacts confirming to IS 8544 Part IV and as amended thereafter for operation in AC three Phase 50 Hz (+/- 5%), 415V (+/- 10%) with the following components, under voltage release with no volt coil, over load relay with dash pot arrangements, single phasing preventor, LED ON/ OFF switches, Mounted Ammeter, Earth leakage relay, contactor assembly suitable for next standard KW rating, in coming and out going cable entry provisions, transformer tank including first filling of oil etc.

Unique Code	KW Rating	HP	Unit	Rate for 2023-24 in Rupees
WD-M1947	5.5	7.5	1 No	34905
WD-M1948	7.5	10	1 No	34905
WD-M1949	9	12.5	1 No	40150
WD-M1950	11	15	1 No	41824
WD-M1951	15	20	1 No	83646
WD-M1952	22	30	1 No	106915
WD-M1953	30	40	1 No	120272
WD-M1954	37	50	1 No	135960
WD-M1955	45	60	1 No	154838
WD-M1956	60	80	1 No	214160
WD-M1957	75	100	1 No	234624

Note: 1) The above rates are basic rates inclusive of handling charges.

2) GST extra applicable as per GO

3) Air Break Fully Automatic Star Delta starters are suggested for above 6HP and upto 20HP and Auto Transformer starter for above 20HP are to be adopted.

12.0 L.T. CABLES 3,3.5,4 CORE 1.1 KV GRADE ARMOURED ALUMINIUM CONDUCTOR CROSS LINKED POLY ETHYLENE INSULATED PVC SHEATHED CABLES CONFORMING TO IS 7098 (PART I)/1988 AND AS AMENDED THEREAFTER WITH ISI MARKING

Unique Code	Description	Unit	Rate for 2024 - 25 in Rupees
			3 Core
WD-M1958	4sq.mm	metre	92
WD-M1959	6sq.mm	metre	112
WD-M1960	10sq.mm	metre	126
WD-M1961	16sq.mm	metre	132

WD-M1962	25sq.mm	metre	166
WD-M1963	35sq.mm	metre	203
WD-M1964	50sq.mm	metre	269
WD-M1965	70sq.mm	metre	354
WD-M1966	95sq.mm	metre	465
WD-M1967	120sq.mm	metre	558
WD-M1968	150sq.mm	metre	681
WD-M1969	185sq.mm	metre	839
WD-M1970	240sq.mm	metre	1060
WD-M1971	300sq.mm	metre	1286
WD-M1972	400sq.mm	metre	1647

Note: 1) The above rates are basic rates only.
2) GST extra applicable as per GO

12.1 PVC INSULATED AND SHEATHED 3 CORE FLAT TYPE COPPER CABLE CONFORMING TO IS 694/1990 AND AS AMENDED THEREAFTER

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1973	1.5 sq.mm	meter	89
WD-M1974	2.5 sq.mm	meter	138
WD-M1975	4.0 sq.mm	meter	206
WD-M1976	6.0 sq.mm	meter	277
WD-M1977	10.0 sq.mm	meter	481
WD-M1978	16.0 sq.mm	meter	747
WD-M1979	25.0 sq.mm	meter	1022
WD-M1980	35.0 sq.mm	meter	1499
WD-M1981	50.0 sq.mm	meter	2099
WD-M1982	70.0 sq.mm	meter	3093
WD-M1983	95.0 sq.mm	meter	3768

Note: 1) The above rates are basic rates only.
2) GST extra applicable as per GO
3) The above cable should be adopted for Bore well submersible pumpsets only.

12.2 RATE FOR CABLE JOINTS INCLUDING JOINTING MATERIALS AND LABOUR

I. JOINTING OF L.T. CABLES- 3,3.5,4 CORE 1.1 KV GRADE ARMOURED ALUMINIUM CONDUCTOR CABLE CONFORMING TO IS 1554 PART I AND AS AMENDED THERE AFTER WITH ISI MARKING

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees		
			3 Core	3.5 Core	4 Core
			A	B	C
WD-M1984	4sq.mm	Joint	91	-	183
WD-M1985	6sq.mm	Joint	110	-	192
WD-M1986	10sq.mm	Joint	125	-	212
WD-M1987	16sq.mm	Joint	130	-	277
WD-M1988	25sq.mm	Joint	162	338	-
WD-M1989	35sq.mm	Joint	200	398	-
WD-M1990	50sq.mm	Joint	264	518	-
WD-M1991	70sq.mm	Joint	349	665	-
WD-M1992	95sq.mm	Joint	458	861	-
WD-M1993	120sq.mm	Joint	551	1053	-
WD-M1994	150sq.mm	Joint	673	1244	-
WD-M1995	185sq.mm	Joint	828	1526	-
WD-M1996	240sq.mm	Joint	1044	1928	-
WD-M1997	300sq.mm	Joint	1268	2364	-
WD-M1998	400sq.mm	Joint	1623	3026	-

II. JOINTING OF XLPE INSULATED AND SHEATHED 3 CORE FLAT TYPE COPPER CABLE CONFORMING TO IS 694/1990 AND AS AMENDED THEREAFTER

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M1999	1.5 sq.mm	Joint	89
WD-M2000	2.5 sq.mm	Joint	143
WD-M2001	4.0 sq.mm	Joint	211
WD-M2002	6.0 sq.mm	Joint	282

WD-M2003	10.0 sq.mm	Joint	494
WD-M2004	16.0 sq.mm	Joint	764
WD-M2005	25.0 sq.mm	Joint	1005
WD-M2006	35.0 sq.mm	Joint	1471
WD-M2007	50.0 sq.mm	Joint	2063
WD-M2008	70.0 sq.mm	Joint	3042
WD-M2009	95.0 sq.mm	Joint	3703

III. JOINTING OF HT CABLE -XLPE INSULATED ARMoured ALUMINIUM CONDUCTOR CABLE

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees	
			11KV	12KV
			A	B
WD-M2010	3 C 240 sq.mm	Joint	1584	1934
WD-M2011	3 C 185 sq.mm	Joint	1318	1635
WD-M2012	3 C 150 sq.mm	Joint	1120	1454
WD-M2013	3 C 120 sq.mm	Joint	995	1307
WD-M2014	3 C 95 sq.mm	Joint	845	1183
WD-M2015	3 C 70 sq.mm	Joint	756	1042

12.3 CABLE LAYING

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees	
			For laying below GL including earth work	For laying in trenches inside the pump room or in air
			A	B
WD-M2016	up to 95 sq. mm	metre	191	123
WD-M2017	95 to 240 sq.mm	metre	268	186
WD-M2018	240 to 400 sq.mm	metre	388	305

12.4**CABLE CLAMPS**

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M2019	up to 95 sq. mm	each	364
WD-M2020	95 to 240 sq.mm	each	454
WD-M2021	240 to 400 sq.mm	each	671

Note : 1) The above rates are basic rates only.
 2) GST extra applicable as per GO
 3) For every 3 metre length one set of clamp is to be provided
 4) Suitable number of clamps are to be arrived at according to the length
 5) Provision for cable trench and delivery pipe duct are to be provided in pump house detailed estimate.

H.T. CABLE**12.5. PVC INSULATED ARMOURED ALUMINIUM CONDUCTOR CABLE**

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees	
			11KV	12KV
			A	B
WD-M2022	3 C 240 sq.mm	metre	1450	1886
WD-M2023	3 C 185 sq.mm	metre	1204	1610
WD-M2024	3 C 150 sq.mm	metre	1031	1435
WD-M2025	3 C 120 sq.mm	metre	920	1302
WD-M2026	3 C 95 sq.mm	metre	797	1141
WD-M2027	3 C 70 sq.mm	metre	683	1058

Note: 1) The above rates are basic rates only.
 2) GST extra applicable as per GO

13.0 VACCUM PUMP SET WITH ACCESSORIES

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M2028	Price for 5 HP Model/ Rotary type Vaccum pumpsets (Pumpset + GI Pipes + Fittings + Starters + Valves + 100L Tank) including Transportation, handling charges.	1 No	457748
WD-M2029	Price for 10 HP Vaccum pumpset with all above Accessories	1 No	591222

WD-M2030	150mm dia Pressure Gauge and Vacuum gauge including all accessories as per specification (For Suction and Delivery to be mounted on wall on Teak Wood Board)	1 No	8190

Note: 1) The above rates are basic rates only.
2) GST extra applicable as per GO

14.0 MOULDED CASE CIRCUIT BREAKER (MCCB) WITH THERMO MAGNETIC RELEASE

Sl.No.	Range	Rate for 2024- 25 in Rupees	
		3POLE	4 POLE
1	32-100	PWD rate	PWD rate
2	125		
3	160		
4	200		
5	250		
6	320		
7	400		
8	630		
9	800		
10	1000		
11	1250		
12	1600		

Note:

- 1) The above rates are basic rates inclusive of handling charges and F.O.R destination
- 2) GST extra applicable as per GO
- 3) Add 35% cost of MCCB/ACB/ MCB towards the cost of fabrication, other fittings and labour

4) Upto 15 KW distribution box shall be used, for more than one outgoing loads, PWD schedule of rates shall be referred.

15.0 RATE FOR MIXED DI-ELECTRIC CAPACITOR WITH TNEB TEST CERTIFICATE WITH ACCESSORIES INCLUDING BANKING CONFORMIING TO IS 2834.

	PWD rate	

Note: 1) The above rate is basic rate inclusive of handling charges.
2) GST extra applicable as per GO

3) The above rate for mixed Di-Electric Capacitor with Test Certificate given per KVAR is inclusive of Banking charges, such as providing copper bus bars with provision for adding atleast 2 capacitors at later date, cable entry box, fabricating charges etc. complete. This rate is not applicable for replacement of capacitors which does not require banking and fabrication works.

16.0 LT/LTCT METERING BOX as per IE rules and TANGEDCO norms

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M2031	Up to 50HP/37 KW (which includes LT meter panel board, 6 Nos. suitable fuse carriers	1 No.	29141
WD-M2032	75HP/56 KW (which includes LT meter panel board, 6 Nos. suitable fuse carriers	1 No.	38030
WD-M2033	75HP-150HP/56-112KW (which includes LTCT meter panel board, 6Nos. suitable fuse carriers and 3 Nos. CT coil)	1 No.	47390
WD-M2034	In HT supply using LTCT metering box asper IE rules and TANGEDCO norms (Above 150 HP below 200 HP) 112-150 KW	1 No.	76530

Note: 1) The above rates are basic rates inclusive of handling charges.
2) GST extra applicable as per GO

17.0 TRANSFORMER SUB STATION RELATED WORKS

Sl.No.	Description	Unit	Rate for 2024- 25 in Rupees
1	Designing and preparation of CEIG drawings, obtaining Approval and safety certificate including submission of Completion report and rectification report.	1 No.	PWD rate
2	Supply, delivery of 6 pole structure materials with suitable Size RSJ along with all structure material are as under.		
a	For 11 KV Sub station	1 No.	
b	For 22 KV Sub station	1 No.	
3	Construction of transformer plinth	1 No.	
4	Chain link fencing with gate including the TNEB 2 poles Spreading of materials as per CEIG requirements	1 No.	
5	Transformer yard earthing using copper flat and TWIN earthing as per IS		
a	Upto 250 KVA Transformer sub station	1 No.	
b	Above 250 KVA Transformer sub station	1 No.	
6	Transformer sub station erection charges	1 No.	

Note: 1) The above rates are basic rates inclusive of handling charges.

2) GST extra applicable as per GO

3) Provision for cement concrete flooring has to be made at the sub station yard

17.1 AIR CIRCUIT BREAKER (With Shunt release and Under Voltage release)

Sl.No.	Range in AMPS	Rate for 2024- 25 in Rupees	
		3POLE	4 POLE
1	630	PWD rate	PWD rate
2	800		
3	1000		
4	1250		
5	1600		
6	2000		
7	2500		
8	3200		
9	4000		

Note: 1)The above rates are basic rates inclusive of handling charges, F.O.R destination.
2) GST extra applicable as per GO

18.0 SAFETY APPLIANCES

Sl.No.	Description	Unit	Rate for 2024- 25 in Rupees
1	Electrical gloves tested to 11 KV /22 KV with wooden box dusted with french chalk powder	1 No.	PWD rate
2	Electrical quality 6mm thick rubber mat	1 No.	
3	5 kg capacity ISI marked Dry chemical powder fire extinguisher	1 No.	
4	Fire Bucket-3 Nos Hooked to MS stand	1 No.	
5	Laminated shock treatment chart	1 No.	
6	Wooden First Aid Box	1 No.	
7	Rechargeable Emergency lamp (600mm fluorescent lamp)	1 No.	
	H.T. SUPPLY		
8	Teak Wood ladder –5M Ht.	1 No.	
9	Earth Discharge Rod (3 Nos. -RYB)	1 No.	

Note: 1) The above rates are basic rates inclusive of handling charges, F.O.R destination.
2) GST extra applicable as per GO

19.0 TWIN CI EARTHING as per IS 3043/1987 and Latest amendments

Unique Code	Description	Unit	Rate for 2024-25 in Rupees
WD-M2035	Upto 25 HP installation	1 No.	15475
WD-M2036	Above 25-60 HP	1 No.	23818
WD-M2037	Above 60-150 HP	1 No.	37137
WD-M2038	Above 150 HP	1 No.	59543

Note: 1) The above rates are basic rates only.
2) GST extra applicable as per GO
3) In case of collector well the collector well distance from the bank of the river should be ascertained to find out the weight of GI strip to be used only in the foot bridge and rate of Rs.53/- per Kg should be adopted for estimation and this amount should be added with the above rates.

20.0 TOOLS

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M2039	6" Chain wrench best India make or equivalent	1 No.	703
WD-M2040	8"Chain Wrench Best India Make or equivalent	1 No.	952
WD-M2041	Connector Screw Driver 901 Taparia Make or equivalent	1 No.	61
WD-M2042	200mm Screw Driver 825 Taparia Make or equivalent	1 No.	101
WD-M2043	300mm Screw Driver 829 Taparia Make or equivalent	1 No.	187
WD-M2044	400mm Screw Driver 930 Taparia Make or equivalent	1 No.	273
WD-M2045	200mm Cutting Plier Taparia Make or equivalent	1 No.	331
WD-M2046	800gm Ball Pane Hammer with Handle Taparia Make	1 No.	418
WD-M2047	Digital Tong Tester CE Make or equivalent	1 No.	3693
WD-M2048	Digital Multi Meter CE Make or equivalent	1 No.	2481
WD-M2049	15" Screw Spanner Taparia Make or equivalent	1 No.	860

WD-M2050	12" Bearing Puller	1 No.	853
WD-M2051	Lever Type Grease Gun	1 No.	698
WD-M2052	12"Screw Spanner	1 No.	631
WD-M2053	Crow Bar 5"	1 No.	617
WD-M2054	1" Cold Chisel	1 No.	226
WD-M2055	Hacksaw Frame with Blade	1 No.	140
WD-M2056	Electrical Air Blower	1 No.	3200
WD-M2057	Digital Tachometer	1 No.	2150
WD-M2058	Hand Crimping Tool 8"	1 No.	582
WD-M2059	DE Spanner set 6 to 32 Jhalani Make or equivalent	1 No.	1113
WD-M2060	Rings spanner set 6 to 32 Jhalani Make or equivalent	1 No.	2491
WD-M2061	Pipe Wrench 24" Jhalani Make or equivalent	1 No.	1426
WD-M2062	Pipe Wrench 14" Jhalani Make or equivalent	1 No.	703
WD-M2063	12" Flat rough File Scissors Jhalani Make or equivalent	1 No.	351
WD-M2064	12" Flat smooth File Scissors Jhalani Make or equivalent	1 No.	528
WD-M2065	12"Round File Rough Scissors Jhalani Make or equivalent	1 No.	409
WD-M2066	12" Round File Smooth Scissors Jhalani Make or equivalent	1 No.	487
WD-M2067	12"Half Round File Rough Scissors Jhalani Make or equivalent	1 No.	713
WD-M2068	12"Half Round File Smooth Scissors Jhalani Make or equivalent	1 No.	713

Note: 1)The above rates are basic rates inclusive of handling charges, F.O.R destination.
2) GSTextra applicable as per GO

21.0 H.O.T. CRANE AND ACCESSORIES

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
WD-M2069	2T capacity hand operated over head Travelling (HOT) crane suitable for a span upto 6 Mtrs, and travel length upto 10 Mtrs. with clear lift upto 6 Mtrs. including gear type chain pulley block with GI chain and geared Travelling trolley complete with all accessories including girder	1 No.	372476
WD-M2070	2T HOT crane with above specifications upto 8 M Span including girder	1 No.	386915
WD-M2071	2T HOT crane with above specifications upto 10 M Span including girder	1 No.	420572
WD-M2072	3T capacity hand operated over head Travelling (HOT) crane suitable for a span upto 6 Mtrs, and travel length upto 10 Mtrs. with clear lift upto 6 M including gear type chain pulley block and geared Travelling trolley complete with all accessories including girder	1 No.	403137
WD-M2073	3T HOT crane with above specifications upto 8 M Span including girder	1 No.	436315
WD-M2074	3T HOT crane with above specifications upto 10 M Span including girder	1 No.	452462
WD-M2075	5T capacity hand operated over head Travelling (HOT) crane suitable for a span upto 6 Mtrs, and travel length upto 10 M with clear lift upto 6 M including gear type chain pulley block and geared Travelling trolley complete with all accessories including girder	1 No.	474747
WD-M2076	5T HOT crane with above specifications upto 8 M Span including girder	1 No.	510102
WD-M2077	5T HOT crane with above specifications upto 10M Span including girder	1 No.	530296

Note: 1) The above rates are basic rates inclusive of handling charges.
2) GST extra applicable as per GO

22.0

Submersible Centrifugal Sewage Non Clog Pumps

Supply and delivery of submersible centrifugal sewage non-clog pumps, vertical spindle type pump, wear resistance with submersible motor for the various duty conditions. Pump shall be capable of handling min 100 mm solid size with sewage specific gravity of up to 1.05. Pump shall be of robust construction, Liquid passages shall be finished smooth and designed as to allow free passage to solids. Pump Impeller should be of Non-clog semi open type, single vane / multi vane preferably contra bloc or vortex impeller design. Double mechanical seal with silicon carbide faces should be provided to protect the motor from ingress of sewage along the shaft. The critical speed of the rotor shall be at least 30% above the operating speed. Pumps should have double bearings between the pump & motor. The bearings life shall be minimum 100,000 hrs of operation with greased for life. Pump should be provided with automatic coupling device including pedestal, duck foot bend, stainless steel guide pipe or related accessories of suitable size to facilitate lifting and lowering into guide rails for easy maintenance. Pump shall be provided with a stainless steel lifting chain conforming to BS 970 Gr 304. Pump speed shall be of 9600 rpm for high duty pumps and 960/1450 rpm for low duty pumpsets. Casing and impeller should be of CI Gr. FG 260:IS210 more preferably with hardened impeller. Shaft should be of stainless steel AISI 410. All the fasteners and bolts shall be of AISI 410. The submersible motor shall be operated with 3ph, 415 V(+or- 10%), 50Hz(+or-5 %) dry induction type. Motor shall be capable of giving rated output without reduction in the expected life span when operated continuously. The rotating assembly shall be dynamically balanced as per standards. The starting current of the motor shall not exceed 200% of rated full load current for Star / Delta or ATS starting under any circumstances. The motor shall be suitable for full voltage star delta / ATS starting. The locked rotor current of the motor shall not exceed 600% of full load current unless otherwise specified. Motor shall be designed to withstand 120% of rated speed for two minutes without any mechanical damage, in either direction of rotation. The motor vibration shall be within the limit specified in applicable standards. Motor should be of IE2, explosion proof compatible for VFD operation together with star-Delta /ATS starter, protection against increase in stator winding temperature (15 deg Celsius), bearing temperature, leakage in the stator housing and terminal box shall be provided and to be suitably interlocked with the control panel for tripping the pump in case of increase in temperature beyond set limit.

Insulation class shall be of "Class H" and degree of protection shall be of IP 68 as per IS 4691. Motor shall be suitable for continuous operation in fully submerged or partially submerged condition. The pumpset shall be supplied with power cable of PVC insulated and PVC sheathed, copper, flexible, round type with required conductor size and number of cores as per starting method and of specified length for continuous use under water and air. The control cable of PVC insulated, PVC sheathed, flexible for stator winding temperature sensor 3core x 1.5 sq.mm copper conductor and for bimetallic switches 2core x 1.5 sqmm copper conductor shall be provided. Motor shall be supplied with 10m of round submersible copper cable of suitable size. The non clog submersible pumpset shall be provided with suitable starter control panel having all protections as mentioned above. (upto 5 HP - DOL Starter, above 5 HP to 25 HP -Star Delta Panel and beyond 25 HP shall be ATS)

Unique Code	Description	Unit	Rate for 2024- 25 in Rupees
	10 m upto 15 m head		
WD-M2078	Discharge Upto 20 M ³ /hour	1 No	583130
WD-M2079	Discharge 20 to 100 M ³ /hour	1 No	583130
WD-M2080	Discharge 100 to 200 M ³ /hour	1 No	615816
WD-M2081	Discharge 200 to 300 M ³ /hour	1 No	1057740

WD-M2082	Discharge 300 to 400 M ³ /hour	1 No	1280008
WD-M2083	Discharge 400 to 500 M ³ /hour	1 No	1533324
WD-M2084	Discharge 500 to 600 M ³ /hour	1 No	1904136
WD-M2085	Discharge 600 to 700 M ³ /hour	1 No	1904136
WD-M2086	Discharge 700 to 800 M ³ /hour	1 No	1884935
WD-M2087	Discharge 800 to 900 M ³ /hour	1 No	2013134
WD-M2088	Discharge 900 to 1000 M ³ /hour	1 No	2518078
WD-M2089	Discharge 1000 to 1100 M ³ /hour	1 No	2476712
	above 15m upto 20 m head		
WD-M2090	Discharge Upto 20 M ³ /hour	1 No	583130
WD-M2091	Discharge 20 to 100 M ³ /hour	1 No	583130
WD-M2092	Discharge 100 to 200 M ³ /hour	1 No	1014494
WD-M2093	Discharge 200 to 300 M ³ /hour	1 No	1108730
WD-M2094	Discharge 300 to 400 M ³ /hour	1 No	1423714
WD-M2095	Discharge 400 to 500 M ³ /hour	1 No	1533324
WD-M2096	Discharge 500 to 600 M ³ /hour	1 No	1904136
WD-M2097	Discharge 600 to 700 M ³ /hour	1 No	1904136
WD-M2098	Discharge 700 to 800 M ³ /hour	1 No	1884935
WD-M2099	Discharge 800 to 900 M ³ /hour	1 No	2013134
WD-M2100	Discharge 900 to 1000 M ³ /hour	1 No	2518078
WD-M2101	Discharge 1000 to 1100 M ³ /hour	1 No	2476712
	above 20 m upto 25 m head		
WD-M2102	Discharge Upto 20 M ³ /hour	1 No	782634
WD-M2103	Discharge 20 to 100 M ³ /hour	1 No	778748
WD-M2104	Discharge 100 to 200 M ³ /hour	1 No	1081274
WD-M2105	Discharge 200 to 300 M ³ /hour	1 No	1229590
WD-M2106	Discharge 300 to 400 M ³ /hour	1 No	1539685
WD-M2107	Discharge 400 to 500 M ³ /hour	1 No	1739527

WD-M2108	Discharge 500 to 600 M3/hour	1 No	2518078
WD-M2109	Discharge 600 to 700 M3/hour	1 No	2518078
WD-M2110	Discharge 700 to 800 M3/hour	1 No	2518078
WD-M2111	Discharge 800 to 900 M3/hour	1 No	2724135
WD-M2112	Discharge 900 to 1000 M3/hour	1 No	3053251
WD-M2113	Discharge 1000 to 1100 M3/hour	1 No	3539377
	above 25 m upto 30 m head		
WD-M2114	Discharge Upto 20 M ³ /hour	1 No	779084
WD-M2115	Discharge 20 to 100 M ³ /hour	1 No	1081274
WD-M2116	Discharge 100 to 200 M ³ /hour	1 No	1125728
WD-M2117	Discharge 200 to 300 M ³ /hour	1 No	1670184
WD-M2118	Discharge 300 to 400 M ³ /hour	1 No	1670184
WD-M2119	Discharge 400 to 500 M ³ /hour	1 No	2399308
WD-M2120	Discharge 500 to 600 M3/hour	1 No	2406095
WD-M2121	Discharge 600 to 700 M3/hour	1 No	2406095
WD-M2122	Discharge 700 to 800 M3/hour	1 No	2732699
WD-M2123	Discharge 800 to 900 M3/hour	1 No	2732699
WD-M2124	Discharge 900 to 1000 M3/hour	1 No	2999266
WD-M2125	Discharge 1000 to 1100 M3/hour	1 No	3939353

Note: 1) The above rates are basic rates inclusive of transportation, handling charges.
2) GST extra applicable as per GO

23.0 RATES FOR ELECTROMECHANICAL ITEMS

Sl. No.	Description of Item	Unit	Rate for 2024- 25 in Rupees
1	Selector Switch for Panel Board /Cubical Panel Board/ Starter		
a	Voltmeter Selector Switch - 6A	Each	PWD rate
b	Ammeter Selector Switch - 6A	Each	

2	Multi Functions Meters - Flush type for M V Panel Board		
a	LED type, CT/PT, Voltage, Current, Frequency, Kilowatt, Kilo Volt Ampere, KVAR , KVAH, Run Hours, unbalance(V,A),Rpm, Phase angles,Thd - Class 1 With RS 485 Port	Each	PWD rate
b	LED type, CT/PT, Voltage, Current, Frequency, Kilowatt, Kilo Volt Ampere, KVAR , KVAH, Run Hours, unbalance(V,A), Rpm, Phase angles,Thd - Class 0.5 With RS 485 Port	Each	
3	Ammeter - Digital		
a	96 mm X 96 mm Single Phase Ammeter Class 1-5A	Each	PWD rate
b	96 mm X 96 mm Single Phase Ammeter Class 1-1A	Each	
c	96 mm X 96 mm Three Phase Ammeter Class 1-5A	Each	
d	96 mm X 96 mm Three Phase Ammeter Class 1-1A	Each	
4	Mechanical Interlocking System for For M V Panel Board		
a	2 lock 1 key	Each	PWD rate
b	3 lock 2 key	Each	
5	Ammeter Analog		
a	SR 65 5D/5A C.T.operated-AC	Each	PWD rate
b	SR 72 5D/5A C.T.operated-AC	Each	
c	SR 96 5D/5A C.T.operated-AC	Each	
6	Voltmeter - Digital		
a	Voltmeter- Single Phase Class 1-AC	Each	PWD rate
b	Voltmeter- Three Phase Class 1-AC	Each	
7	Voltmeter Analog		
a	Voltmeter SR 65 600V-AC	Each	PWD rate
b	Voltmeter SR 72 500V-AC	Each	
c	Voltmeter SR 96 600V-AC	Each	

8	Fabrication & Supply of M V Cubical Panel board vermi proof box of MS sheet 20 SWG powder coated, door with 180 degree opening, poly urethane/rubber gaskets as per IE rules - 1m2		
a	Projection of 0.3 m	per m ²	PWD rate
b	Projection of 0.45m	per m ²	
c	Projection of 0.6 m	per m ²	
9	Electro magnetic contactors of suitable capacity in AC Three Phase rating, conforming to IS/IEC 60947-4-1.		
WD-M2126	9Amps	No.	892
WD-M2127	12Amps	No.	1036
WD-M2128	18Amps	No.	1786
WD-M2129	22Amps	No.	2955
WD-M2130	25Amps	No.	3838
WD-M2131	32Amps	No.	4684
WD-M2132	40Amps	No.	4874
WD-M2133	45Amps	No.	6027
WD-M2134	50Amps	No.	7098
WD-M2135	70Amps	No.	9543
WD-M2136	80Amps	No.	12098
WD-M2137	95Amps	No.	15255
WD-M2138	110Amps	No.	18379
WD-M2139	140Amps	No.	24255
WD-M2140	185Amps	No.	29182
WD-M2141	225Amps	No.	32126
WD-M2142	250Amps	No.	36241
WD-M2143	300Amps	No.	43696
WD-M2144	400Amps	No.	55559
WD-M2145	550Amps	No.	79675
WD-M2146	650Amps	No.	119230

10	Overload Relays: Directly operated Bimetallic Thermal overload relay which operates in case of overload and also in case of under voltage with manual and auto reset mode.		
WD-M2147	Upto 5 A	No.	1414
WD-M2148	5 A to 10 A	No.	1424
WD-M2149	10 A to 20 A	No.	1603
WD-M2150	20 A to 30 A	No.	2322
WD-M2151	30 A to 50 A	No.	3195
WD-M2152	50 A to 75 A	No.	4631
WD-M2153	75 A to 110 A	No.	6846
WD-M2154	110 A to 150 A	No.	8160
WD-M2155	150 A to 200 A	No.	9274
WD-M2156	200 A to 300 A	No.	11170
11	Preventer – Single Phasing		
WD-M2157	Electric Motor protection device against single phasing. The device should protect the motor against single phasing, reverse phasing and unbalance supply. The device should be suitable for any auxillary device and have provisions for mounting in panel boards. Operate without need of any auxiliary supply.	No.	1242
12	Preventer – Dry Run		
WD-M2158	Electric Motor protection device against dry running. The device should protect the motor against Dry running. The device should be suitable for any auxillary device and have provisions for mounting in panel boards. Operate without need of any auxiliary supply	No.	1740

Note: 1) The above rates are basic rates
2) GST extra applicable as per GO

II. RATES FOR WORKS

(A. CONVEYANCE)

CONVEYANCE

1) Rates for Conveyance of C.I/G.I/D.I. Pipes and Specials

Unique Code	Size	Unloading from Railway wagons or loading into Railway wagons/ Tonne	Loading into carts or lorries/ Tonne	Unloading from carts or lorries & stacking/	Transport charges up to 8km or part thereof/	Total/
				Tonne	Tonne	Tonne
		A	B	C	D	E
		Rs. Ps.	Rs. Ps.	Rs. Ps.	Rs. Ps.	Rs. Ps.
WD-W0001	Up to 125 mm	371.80	244.28	244.28	189.10	1049.46
WD-W0002	Over 125 mm up to 200 mm	509.37	326.65	326.65	201.97	1364.64
WD-W0003	Over 200 mm up to 350 mm	625.04	432.11	432.11	205.64	1694.90
WD-W0004	Over 350 mm up to 500 mm	781.87	511.75	511.75	231.34	2036.71
WD-W0005	Over 500 mm up to 700 mm	943.94	591.56	591.56	255.11	2382.17
WD-W0006	Above 700mm	1062.26	704.69	704.69	275.39	2747.03
	For every 1 KM or part thereof	Rate per Tonne in Rupees				
		up to 500 mm		Above 500 mm		
		A		B		
WD-W0007	Beyond 8 KM to 25 KM	14.62		16.47		
WD-W0008	Above 25 KM to 50 KM	10.63		12.49		
WD-W0009	Above 50 KM to 80 KM	9.30		11.09		
WD-W0010	Above 80 KM to 125 KM	6.97		9.23		
WD-W0011	Above 125 KM to 200 KM	6.97		6.97		
WD-W0012	Above 200 KM	4.58		4.58		

NOTE: 1) For lorry and cart consignments of capacity one Tonne and below, double the rates may be allowed, when the total quantity to be transported is within 1.00 M.T.

2) For Lorry consignments from 1 to 2 Tonnes, the rates admissible for two Tonnes may be allowed, when the total quantity to be transported is within 2 M.T.

3) For Lorry Consignments from 2 to 5 Tonnes, the rates admissible for 5 Tonnes may be allowed, when the total quantity to be transported is within 5 M.T.

4) Above 5 Tonnes of Lorry consignment, full lorry load rate of 9 Tonnes may be allowed.

5) For the conveyance of E.R.W.M.S. seamless pipes and specials up to 350mm dia, the rates of C.I. Pipes of respective dia available in the Schedule of rates may be adopted.

6) An extra rate of Rs. 40.54 per Tonne may be allowed for unloading from Railway wagons and stacking before loading into carts and lorries.

2) Rates for Conveyance of M.S. Pipes and Specials

Unique Code	Size	Unloading from Railway wagons or loading into Railway wagons/ Tonne	Loading into carts or lorries/ Tonne	Unloading from carts or lorries & stacking/ Tonne	Transport charges up to 8km or part thereof/ Tonne	Total/ Tonne
		A	B	C	D	E
		Rs. Ps.	Rs. Ps.	Rs. Ps.	Rs. Ps.	Rs. Ps.
WD-W0013	Up to 350 mm	1404.37	972.26	972.26	470.06	3818.95
WD-W0014	Over 350 mm up to 500 mm	1764.48	1152.35	1152.35	521.46	4590.64
WD-W0015	Over 500 mm up to 700 mm	2129.70	1322.00	1322.00	576.53	5350.23
WD-W0016	Above 700mm	2392.08	1594.75	1594.75	624.20	6205.78
	For every 1 KM or part thereof	Rate per Tonne in Rupees				
		up to 500 mm		Above 500 mm		
		A		B		
WD-W0017	Beyond 8 KM to 25 KM	33.01		36.66		
WD-W0018	Above 25 KM to 50 KM	23.64		28.42		
WD-W0019	Above 50 KM to 80 KM	20.40		25.58		
WD-W0020	Above 80 KM to 125 KM	16.07		20.46		
WD-W0021	Above 125 KM to 200 KM	16.07		16.07		
WD-W0022	Above 200 KM	11.37		11.36		

NOTE: 1) For lorry and cart consignments of capacity one Tonne and below double the rates may be allowed, when the total quantity to be transported is within 1.00 M.T.

2) For Lorry consignments from 1 to 2 Tonnes the rates admissible for two Tonnes may be allowed, when the total quantity to be transported is within 2 M.T.

3) For Lorry Consignments from 2 to 5 Tonnes the rates admissible for 5 Tonnes may be allowed, when the total quantity to be transported is within 5 M.T.

4) Above 5 Tonnes of Lorry consignment, full lorry load rate of 9 Tonnes may be allowed.

5) An extra rate of Rs 40.54 per Tonne may be allowed for unloading from Railway wagons and stacking before loading into carts and lorries.

3) Rates for Conveyance of R.C.C. /P.S.C/B.W.S.C. Pipes and Specials

Unique Code	Size	Unloading from Railway wagons or loading into Railway wagons/	Loading into carts or lorries/	Unloading from carts or lorries & stacking/	Transport charges up to 8km or part thereof/	Total/
		Tonne	Tonne	Tonne	Tonne	Tonne
		A	B	C	D	E
		Rs. Ps.	Rs. Ps.	Rs. Ps.	Rs. Ps.	Rs. Ps.
WD-W0023	150 mm to 200 mm	288.05	221.16	221.16	216.59	946.96
WD-W0024	Over 200 mm up to 350 mm	357.40	282.95	282.95	227.62	1150.92
WD-W0025	Over 350 mm up to 500 mm	447.49	349.76	349.76	236.85	1383.86
WD-W0026	Over 500 mm up to 700 mm	558.09	411.54	411.54	268.00	1649.17
WD-W0027	Above 700mm	607.04	457.78	457.78	290.13	1812.73
	For every 1 KM or part thereof	Rate per Tonne in Rupees				
		up to 500 mm		Above 500 mm		
		A		B		
WD-W0028	Beyond 8 KM to 25 KM	12.55		16.81		
WD-W0029	Above 25 KM to 50 KM	8.43		12.75		
WD-W0030	Above 50 KM to 80 KM	7.03		11.56		
WD-W0031	Above 80 KM to 125 KM	7.03		9.23		

WD-W0032	Above 125 KM to 200 KM	7.03	7.03
WD-W0033	Above 200 KM	4.66	4.66

NOTE: 1) For lorry and cart consignments of capacity 1 Tonne and below, double the rates may be allowed, when the total quantity to be transported is within 1 M.T.

2) For Lorry consignments up to 5 MT (i.e.) above 1 MT Load, the rates admissible for 5 Tonnes may be allowed.

4) Rates for Conveyance of A.C. Pipes and Specials

Unique Code	Size	Unloading from Railway wagons or loading into Railway wagons/ Tonne	Loading into carts or lorries/ Tonne	Unloading from carts or lorries & stacking/	Transport charges up to 8km or part thereof/	Total/
				Tonne	Tonne	Tonne
		A	B	C	D	E
		Rs. Ps.	Rs. Ps.	Rs. Ps.	Rs. Ps.	Rs. Ps.
WD-W0034	Up to 125 mm	190.30	169.66	169.66	330.43	860.05
WD-W0035	Over 125 mm up to 200 mm	259.68	180.02	180.02	346.97	966.69
WD-W0036	Over 200 mm up to 250 mm	295.79	221.16	221.16	394.74	1132.85
WD-W0037	For 300 mm	318.90	231.44	231.44	405.75	1187.53
WD-W0038	For 350 mm	318.90	257.19	257.19	411.28	1244.56
WD-W0039	For 400 mm	331.74	285.49	285.49	438.83	1341.55
WD-W0040	For 450 mm	367.71	318.90	318.90	464.54	1470.05
WD-W0041	For 500 mm	390.97	352.31	352.31	479.15	1574.74
WD-W0042	For 600 mm	429.48	403.80	403.80	514.09	1751.17
WD-W0043	For 700 mm	447.49	414.11	414.11	515.95	1791.66

	For every 1 KM or part thereof	Rate per Tonne in Rupees	
		up to 500 mm	Above 500 mm
		A	B
WD-W0044	Beyond 8 KM to 25 KM	25.23	29.50
WD-W0045	Above 25 KM to 50 KM	14.88	17.07
WD-W0046	Above 50 KM to 80 KM	13.89	16.21
WD-W0047	Above 80 KM to 125 KM	11.50	13.89
WD-W0048	Above 125 KM to 200 KM	9.23	11.50
WD-W0049	Above 200 KM	7.03	9.23

NOTE: 1) For lorry and cart consignments of capacity one Tonne and below double the rates may be allowed, when the total quantity to be transported is within 1 M.T.

2) For Lorry consignments from 1 to 2 Tonnes the rates admissible for two Tonnes may be allowed, when the total quantity to be transported is within 2 M.T.

3) For Lorry Consignments from 2 to 5 Tonnes the rates admissible for 5 Tonnes may be allowed, when the total quantity to be transported is within 5 M.T.

4) Above 5 Tonnes of Lorry consignment, full lorry load rate of 9 Tonnes may be allowed.

5) For the conveyance of E.R.W.M.S. seamless pipes and specials up to 350mm dia, the rates of C.I. Pipes of respective dia available in the Schedule of Rates may be adopted.

6) An extra rate of Rs. 40.48/- Tonne may be allowed for unloading from Railway wagons and stacking before loading into carts and lorries

5) Rates for Conveyance of PVC/ HDPE/ GRP Pipes and Specials

Unique Code	Size	Unloading from Railway wagons or loading into Railway wagons/	Loading into carts or lorries/	Unloading from carts or lorries & stacking/	Transport charges up to 8km or part thereof/	Total/
		Tonne	Tonne	Tonne	Tonne	Tonne
		A	B	C	D	E
		Rs. Ps.	Rs. Ps.	Rs. Ps.	Rs. Ps.	Rs. Ps.
WD-W0050	50mm to 110mm OD	246.84	216.06	216.06	550.89	1229.85
WD-W0051	125mm to 200mm OD	318.90	218.53	218.53	554.47	1310.43

WD-W0052	Over 200mm to 315mm OD	324.08	288.05	288.05	596.71	1496.89
WD-W0053	Over 315mm OD	329.19	295.70	295.70	648.13	1568.72
	For every 1 KM or part thereof			Rate per Tonne in Rupees		
WD-W0054	Beyond 8 KM to 25 KM			47.56		
WD-W0055	Above 25 KM to 50 KM			31.74		
WD-W0056	Above 50 KM to 80 KM			27.83		
WD-W0057	Above 80 KM to 125 KM			20.79		
WD-W0058	Above 125 KM to 200 KM			16.13		
WD-W0059	Above 200 KM			11.50		

- NOTE:
- 1) For departmentally loading of PVC pipes and Rs. 3.85 each length (6 m) Specials (excluding transport charges) Up to 110 mm dia
 - 2) For departmentally unloading of PVC pipes and Rs. 3.85 each length (6 m) Specials Up to 110 mm dia
 - 3) a. For departmentally loading for Rs. 215.82 per 1 MT remaining sizes of pipes
b. For departmentally unloading for Rs. 215.82 per 1 MT remaining sizes of pipes
 - 4) An extra rate of Rs. 38.39 / Tonne may be allowed for unloading from Railway wagons and stacking before loading into carts and lorries.
 - 5) For lorry and cart consignments of capacity one Tonne and below double the rates may be allowed, when the total quantity to be transported is within 1 M.T.
 - 6) For Lorry consignments from 1 to 2 Tonnes the rates admissible for two Tonnes may be allowed, when the total quantity to be transported is within 2 M.T.
 - 7) For Lorry Consignments from 2 to 5 Tonnes the rates admissible for 5 Tonnes may be allowed, when the total quantity to be transported is within 5 M.T.

6) Rates for Conveyance of SW Pipes and Specials

Unique Code	Size	Unloading from Railway wagons or loading into Railway wagons/	Loading into carts or lorries/	Unloading from carts or lorries & stacking/	Transport charges up to 8km or part thereof/	Total/
		Tonne	Tonne	Tonne	Tonne	Tonne
		A	B	C	D	E
		Rs. Ps.	Rs. Ps.	Rs. Ps.	Rs. Ps.	Rs. Ps.
WD-W0060	100 to 200 mm	357.42	233.99	233.99	301.08	1126.48
WD-W0061	Over 200 to 350 mm	357.42	300.88	300.88	324.93	1284.11
WD-W0062	Over 350 mm to 500 mm	357.42	362.59	362.59	352.49	1435.09
	For every 1 KM or part thereof			Rate per Tonne in Rupees		
WD-W0063	Beyond 8 KM to 25 KM			20.99		
WD-W0064	Above 25 KM to 50 KM			12.75		
WD-W0065	Above 50 KM to 80 KM			13.95		
WD-W0066	Above 80 KM to 125 KM			9.23		
WD-W0067	Above 125 KM to 200 KM			7.03		
WD-W0068	Above 200 KM			4.66		

NOTE:

- 1) For lorry and cart consignments of capacity one Tonne and below double the rates may be allowed, when the total quantity to be transported is within 1 M.T.
- 2) An extra rate of Rs. 39.37/ Tonne may be allowed for unloading from Railway wagons and stacking before loading into carts and lorries.

7) Rates for Conveyance of Pig lead and Yarn

Unique Code	Size	Unloading from Railway wagons or loading into Railway wagons/	Loading into carts or lorries/	Unloading from carts or lorries & stacking/	Transport charges up to 8km or part thereof/	Total/
		Tonne	Tonne	Tonne	Tonne	Tonne
		A	B	C	D	E
		Rs. Ps.	Rs. Ps.	Rs. Ps.	Rs. Ps.	Rs. Ps.
WD-W0069	Pig lead / Yarn	123.33	105.40	105.40	110.12	444.25

	For every 1 KM or part thereof	Rate per Tonne in Rupees
WD-W0070	Beyond 8 KM to 25 KM	12.56
WD-W0071	Above 25 KM to 50 KM	10.63
WD-W0072	Above 50 KM to 80 KM	9.30
WD-W0073	Above 80 KM to 125 KM	7.03
WD-W0074	Above 125 KM to 200 KM	7.03
WD-W0075	Above 200 KM	4.66

Note:- The above rates are basic rates only and GST extra applicable as per GO.

II. RATES FOR WORKS

(A. INFILTRATION WORKS)

INFILTRATION WORKS

Unique Code	Description	Unit	2024-25 Rate in Rupees
1	Earthwork excavation above water level in light or sandy or clayey soils for manhole wells, infiltration wells, suction wells etc. including levelling the site with an initial lead of 10 metres.		
WD-W0076	First depth of 2 metres	One Cubic metre	100.78
WD-W0077	Second depth of 2 metres	One Cubic metre	159.47
WD-W0078	Third depth of 2 metres	One Cubic metre	230.90
WD-W0079	Fourth depth of 2 metres	One Cubic metre	321.48
2	Erection of Ring well below water level including all incidental charges using special tools and plants such as air compressor helmet etc. complete and including bailing out water.		
a.	For 0.90 metre dia Ring well (internal)		
WD-W0080	First depth of 2 metres	One metre	816.45
WD-W0081	Second depth of 2 metres	One metre	1504.05
WD-W0082	Third depth of 2 metres	One metre	3161.19
WD-W0083	Fourth depth of 2 metres	One metre	6312.17
WD-W0084	Fifth depth of 2 metres	One metre	12429.18
WD-W0085	Sixth depth of 2 metres	One metre	24877.48
b.	For 1.2 metre dia Ring well (internal)		
WD-W0086	First depth of 2 metres	One metre	907.03
WD-W0087	Second depth of 2 metres	One metre	1812.78
WD-W0088	Third depth of 2 metres	One metre	3614.07
WD-W0089	Fourth depth of 2 metres	One metre	6771.44
WD-W0090	Fifth depth of 2 metres	One metre	12566.95
WD-W0091	Sixth depth of 2 metres	One metre	25105.86

c.	For 1.50 metre dia Ring well (internal)		
WD-W0092	First depth of 2 metres	One metre	1048.63
WD-W0093	Second depth of 2 metres	One metre	2080.67
WD-W0094	Third depth of 2 metres	One metre	4119.25
WD-W0095	Fourth depth of 2 metres	One metre	8204.04
WD-W0096	Fifth depth of 2 metres	One metre	16383.85
WD-W0097	Sixth depth of 2 metres	One metre	32628.65

Unique Code	Description	Unit	2024-25 Rate in Rupees	
			Ordinary soil (or) loose soil sandy soil	Silt (or) clay pocket
3	Sinking well below water level including all incidental charges using special tools and plants such as air compressor, helmet etc., complete and including baling out water.			
a.	For 1.0 metre dia (internal)			
WD-W0098	First depth of 2 metres	One metre	1193.50	1721.50
WD-W0099	Second depth of 2 metres	One metre	2006.40	3151.50
WD-W0100	Third depth of 2 metres	One metre	4010.60	6297.50
WD-W0101	Fourth depth of 2 metres	One metre	7916.70	12574.10
WD-W0102	Fifth depth of 2 metres	One metre	15070.00	23610.40
WD-W0103	Sixth depth of 2 metres	One metre	28295.30	44190.30
WD-W0104	Seventh depth of 2 metres	One metre	41516.20	60071.00
WD-W0105	Eighth depth of 2 metres	One metre	54742.60	75947.30
WD-W0106	Nineth depth of 2 metres	One metre	67959.10	91820.30
WD-W0107	Tenth depth of 2 metres	One metre	81184.40	107699.90
b.	For 1.25 metre dia (internal)			
WD-W0108	First depth of 2 metres	One metre	1555.40	2358.40
WD-W0109	Second depth of 2 metres	One metre	3117.40	4724.50

WD-W0110	Third depth of 2 metres	One metre	6221.60	9555.70
WD-W0111	Fourth depth of 2 metres	One metre	11152.90	17175.40
WD-W0112	Fifth depth of 2 metres	One metre	19716.40	30473.30
WD-W0113	Sixth depth of 2 metres	One metre	35602.60	55165.00
WD-W0114	Seventh depth of 2 metres	One metre	51475.60	79869.90
WD-W0115	Eighth depth of 2 metres	One metre	67357.40	104564.90
WD-W0116	Nineth depth of 2 metres	One metre	83248.00	129266.50
WD-W0117	Tenth depth of 2 metres	One metre	99123.20	153967.00
c.	For 2.0 metre dia (internal)			
WD-W0118	First depth of 2 metres	One metre	2420.00	3889.60
WD-W0119	Second depth of 2 metres	One metre	4824.60	7781.40
WD-W0120	Third depth of 2 metres	One metre	9629.40	15536.40
WD-W0121	Fourth depth of 2 metres	One metre	15393.40	28475.70
WD-W0122	Fifth depth of 2 metres	One metre	30089.40	51783.60
WD-W0123	Sixth depth of 2 metres	One metre	60163.40	96736.20
WD-W0124	Seventh depth of 2 metres	One metre	90231.90	141732.80
WD-W0125	Eighth depth of 2 metres	One metre	120303.70	186709.60
WD-W0126	Nineth depth of 2 metres	One metre	150379.90	231683.10
WD-W0127	Tenth depth of 2 metres	One metre	180449.50	276655.50
d.	For 2.5 metre dia (internal)			
WD-W0128	First depth of 2 metres	One metre	3050.30	5076.50
WD-W0129	Second depth of 2 metres	One metre	6344.80	9980.30
WD-W0130	Third depth of 2 metres	One metre	12685.20	19882.50
WD-W0131	Fourth depth of 2 metres	One metre	23624.70	36947.90
WD-W0132	Fifth depth of 2 metres	One metre	43984.60	68328.70
WD-W0133	Sixth depth of 2 metres	One metre	84944.20	127955.30
WD-W0134	Seventh depth of 2 metres	One metre	125896.10	187576.40

WD-W0135	Eighth depth of 2 metres	One metre	166851.30	247197.50
WD-W0136	Nineth depth of 2 metres	One metre	207802.10	306817.50
WD-W0137	Tenth depth of 2 metres	One metre	248763.90	366437.50
e.	For 3.00 metre dia (internal)			
WD-W0138	First depth of 2 metres	One metre	3942.40	6868.40
WD-W0139	Second depth of 2 metres	One metre	7816.60	13355.10
WD-W0140	Third depth of 2 metres	One metre	15613.40	26721.20
WD-W0141	Fourth depth of 2 metres	One metre	30135.60	50184.20
WD-W0142	Fifth depth of 2 metres	One metre	56322.20	93712.30
WD-W0143	Sixth depth of 2 metres	One metre	106752.80	163392.90
WD-W0144	Seventh depth of 2 metres	One metre	157182.30	232981.10
WD-W0145	Eighth depth of 2 metres	One metre	207610.70	302621.00
WD-W0146	Nineth depth of 2 metres	One metre	258036.90	372266.40
WD-W0147	Tenth depth of 2 metres	One metre	308469.70	441912.90
f.	For 3.50 metre dia (internal)			
WD-W0148	First depth of 2 metres	One metre	5014.90	8048.70
WD-W0149	Second depth of 2 metres	One metre	9755.90	15792.70
WD-W0150	Third depth of 2 metres	One metre	19465.60	31515.00
WD-W0151	Fourth depth of 2 metres	One metre	36449.60	59072.20
WD-W0152	Fifth depth of 2 metres	One metre	68096.60	112315.50
WD-W0153	Sixth depth of 2 metres	One metre	129024.50	208489.60
WD-W0154	Seventh depth of 2 metres	One metre	189946.90	304668.10
WD-W0155	Eighth depth of 2 metres	One metre	250878.10	400837.80
WD-W0156	Nineth depth of 2 metres	One metre	311802.70	497013.00
WD-W0157	Tenth depth of 2 metres	One metre	372732.80	593191.50
g.	For 4.00 metre dia (internal)			
WD-W0158	First depth of 2 metres	One metre	5735.40	9654.70
WD-W0159	Second depth of 2 metres	One metre	11041.80	18482.20

WD-W0160	Third depth of 2 metres	One metre	22004.40	36932.50
WD-W0161	Fourth depth of 2 metres	One metre	41328.10	69197.70
WD-W0162	Fifth depth of 2 metres	One metre	77293.70	129046.50
WD-W0163	Sixth depth of 2 metres	One metre	146544.20	244261.60
WD-W0164	Seventh depth of 2 metres	One metre	215795.80	359471.20
WD-W0165	Eighth depth of 2 metres	One metre	285043.00	474694.00
WD-W0166	Nineth depth of 2 metres	One metre	354339.70	589116.00
WD-W0167	Tenth depth of 2 metres	One metre	423549.50	696219.70
h.	For 4.50 metre dia (internal)			
WD-W0168	First depth of 2 metres	One metre	6847.50	11546.70
WD-W0169	Second depth of 2 metres	One metre	13427.70	22965.80
WD-W0170	Third depth of 2 metres	One metre	26953.30	45835.90
WD-W0171	Fourth depth of 2 metres	One metre	46877.60	85957.30
WD-W0172	Fifth depth of 2 metres	One metre	81253.70	160735.30
WD-W0173	Sixth depth of 2 metres	One metre	151123.50	267829.10
WD-W0174	Seventh depth of 2 metres	One metre	221228.70	374922.90
WD-W0175	Eighth depth of 2 metres	One metre	291226.10	482020.00
WD-W0176	Nineth depth of 2 metres	One metre	361207.00	589911.30
WD-W0177	Tenth depth of 2 metres	One metre	431196.70	705128.60
i.	For 5.00 metre dia (internal)			
WD-W0178	First depth of 2 metres	One metre	8492.00	14323.10
WD-W0179	Second depth of 2 metres	One metre	16571.50	26581.50
WD-W0180	Third depth of 2 metres	One metre	32964.80	53076.10
WD-W0181	Fourth depth of 2 metres	One metre	61857.40	103940.10
WD-W0182	Fifth depth of 2 metres	One metre	111695.10	194232.50
WD-W0183	Sixth depth of 2 metres	One metre	218414.90	368025.90
WD-W0184	Seventh depth of 2 metres	One metre	325134.70	541821.50

WD-W0185	Eighth depth of 2 metres	One metre	431850.10	715618.20
WD-W0186	Nineth depth of 2 metres	One metre	538576.50	889417.10
WD-W0187	Tenth depth of 2 metres	One metre	645300.70	1063213.80
j.	For 6.00 metre dia (internal)			
WD-W0188	First depth of 2 metres	One metre	12206.70	19961.70
WD-W0189	Second depth of 2 metres	One metre	23662.10	38603.40
WD-W0190	Third depth of 2 metres	One metre	44950.40	77167.20
WD-W0191	Fourth depth of 2 metres	One metre	88583.00	144590.60
WD-W0192	Fifth depth of 2 metres	One metre	165572.00	269703.50
WD-W0193	Sixth depth of 2 metres	One metre	313853.10	510298.80
WD-W0194	Seventh depth of 2 metres	One metre	462158.40	750891.90
WD-W0195	Eighth depth of 2 metres	One metre	610443.90	991486.10
WD-W0196	Nineth depth of 2 metres	One metre	758736.00	1232073.70
WD-W0197	Tenth depth of 2 metres	One metre	907022.60	1472667.90
NOTE:	In case the water table is met with at depth of 2.00 m and below, from the bed level, an extra percentage as under may be allowed over the existing rates for items 3(a) to 3 (j) for the extra lift involved.			
	Where water table is 2.00m, below bed level and upto 4.00 m		15% extra	
	Where water table is beyond 4.00m and upto 6.00m		20% extra	

Unique Code	Description	Unit	2024-25 Rate in Rupees
4a.	Earthwork excavation above water level in light or sandy soil for infiltration gallery, syphon or connecting pipeline and connected works including refilling complete.		
WD-W0198	First depth of 2 m	One cubic metre	116.09
WD-W0199	Second depth of 2 m	One cubic metre	165.84
WD-W0200	Third depth of 2 m	One cubic metre	242.39
WD-W0201	Fourth depth of 2 m	One cubic metre	325.30

b.	Earthwork excavation below water level in light or sandy soil for infiltration gallery, syphon or connecting pipe line and connected works including shoring and strutting and charges for special tools and plants for bailing/ pumping etc., such as air compressor and helmet.		
WD-W0202	First depth of 2 m	One cubic metre	2173.80
WD-W0203	Second depth of 2 m	One cubic metre	3071.89
WD-W0204	Third depth of 2 m	One cubic metre	4609.11
WD-W0205	Fourth depth of 2 m	One cubic metre	6688.51
c	Earthwork excavation below water level in clayey soil for infiltration gallery for laying syphon pipe line or connecting pipe and connected works, shoring and strutting and charges for special tools and plants for bailing/pumping etc., such as air compressor and helmet.		
WD-W0206	First depth of 2 m	One cubic metre	3614.07
WD-W0207	Second depth of 2 m	One cubic metre	5023.72
WD-W0208	Third depth of 2 m	One cubic metre	7846.85
WD-W0209	Fourth depth of 2 m	One cubic metre	11742.84
d	Earthwork excavation below water level in soft disintegrated rock for infiltration gallery, laying syphone pipe line/ connecting pipes etc., including shoring, strutting and charges for special tools and plants.		
WD-W0210	First depth of 2 m	One cubic metre	2525.90
WD-W0211	Second depth of 2 m	One cubic metre	3367.86
WD-W0212	Third depth of 2 m	One cubic metre	5245.69
WD-W0213	Fourth depth of 2 m	One cubic metre	9068.97

NOTE (i)	For sinking wells in soil mixed with pebbles boulder of size 80 mm to 600 mm mixed with clay and silt below water level, including bailing/ pumping water and charges for special tools and plants etc., complete, an extra 20% (Twenty percentage) over the rates for items 2,3b,3c & 3d in the schedule of rates is allowed.		
(ii)	In case the water table is met with at a depth of 2.00m and below from the bed level, an extra percentage as under may be allowed over the existing rates for items 4(b), 4(c) and 4(d) above the extra lift involved		
	Where water table is 2.00m below bed level and upto 4.00m.	10% extra	
	Where water table is beyond 4.00m and upto 6.00m	15% extra	
Pipe laying works			
5a	Laying stoneware pipes and open joint with fillet in the infiltration gallery excluding cost of pipes but including charges of special tools and plant etc., such as air compressor and helmet.		
WD-W0214	200 mm dia stoneware pipes	One metre	347.00
WD-W0215	225 mm dia stoneware pipes	One metre	426.09
WD-W0216	300 mm dia stoneware pipes	One metre	498.80
WD-W0217	350 mm dia stoneware pipes	One metre	577.90
WD-W0218	375 mm dia stoneware pipes	One metre	716.95
WD-W0219	450 mm dia stoneware pipes	One metre	738.63
b	Laying and jointing PVC slotted pipes in the infiltration gallery excluding cost of pipes but including charges for special tools and plants etc., complete such as air compressor and helmet.		
WD-W0220	200 mm dia (OD) PVC pipes	One metre	256.42
WD-W0221	315 mm dia (OD) PVC pipes	One metre	394.20
WD-W0222	Refilling gallery trench and filter basins with clean excavated sand free from silt and clay	One cubic metre	26.79

6	Labour charges for laying filter media below water level in all depths as per specification for infiltration gallery works including screening cleaning and charges for special tools and plant etc., complete such as air compressor, helmets, sheet piles		
WD-W0223	Granite metal 6mm to 40mm	One cubic metre	358.47
WD-W0224	Coarse sand passing through a sieve of four meshes to 2.5 centimetres and retained in a sieve of ten meshes to 2.5 centimetres and filling it under water	One cubic metre	1780.88
WD-W0225	Coarse sand passing through a sieve of ten meshes to 2.5 centimetres and retained in a sieve of 200 meshes to 2.5 centimetres and filling it under water	One cubic metre	676.13
WD-W0226	Cost of coarse sand D-10 and D-20 for laying gallery media for a lead not exceeding 200m from the source to the place of stacking including stacking etc., complete.	One cubic metre	459.25
WD-W0227	Cost of hard granite metal of size (B.S.S.) 6 mm to 12 mm filter media (machine crushed)	One cubic metre	2420.01
(I) NOTE: For 6 (WD-W0223),(WD-W0224) and (WD-W0225):			
The above rates are labour charges for laying the filter media including screening, cleaning etc., for a lead not exceeding 200 metres from the place of stacking to the point of laying the media. The cost of materials and the lead from the source to the place of stacking are to be paid for separately.			
(ii) NOTE: FOR 6 (WD-W0226):			
The above rates are applicable to cases where the screened materials is not less than 10% of the collected material. In specific cases where the screened material is less than 10% of the collected material, prior orders of the Superintending Engineer, TWAD Board are to be obtained in specific cases for increased rate of labour required.			
(iii) NOTE: FOR 6 (WD-W0227)			
The above rates are applicable to cases where the screened materials is not less than 20% of the collected materials. In case where the screened materials is less than 20% of the collected material, prior orders of the Superintending Engineer, TWAD are to be obtained in specific cases for increased rate of labour required.			

Schedule Item No.	Description	Unit	Rate for 2024-25 in Rupees
7a	Lowering of C.I Pipes and specials in the trenches and laying to proper grade and alignment and as directed by the TWAD Officers.		
	For depth upto 2m		
WD-W0228	80 mm dia C.I/ D.I Pipes and Specials	One metre	16.35
WD-W0229	100 mm dia C.I/ D.I Pipes and Specials	One metre	18.22
WD-W0230	125 mm dia C.I/ D.I Pipes and Specials	One metre	24.13
WD-W0231	150 mm dia C.I/ D.I Pipes and Specials	One metre	33.29
WD-W0232	200 mm dia C.I/ D.I Pipes and Specials	One metre	40.21
WD-W0233	250 mm dia C.I/ D.I Pipes and Specials	One metre	46.05
WD-W0234	300 mm dia C.I/ D.I Pipes and Specials	One metre	49.60
WD-W0235	350 mm dia C.I/ D.I pipes and specials	One metre	62.91
WD-W0236	400 mm dia C.I/ D.I pipes and specials	One metre	74.27
WD-W0237	450 mm dia C.I/ D.I pipes and specials	One metre	85.83
WD-W0238	500 mm dia C.I/ D.I pipes and specials	One metre	94.51
WD-W0239	600 mm dia C.I/ D.I pipes and specials	One metre	115.87
WD-W0240	700 mm dia C.I/ D.I pipes and specials	One metre	148.98
WD-W0241	750 mm dia C.I/ D.I pipes and specials	One metre	168.74
WD-W0242	800 mm dia C.I/ D.I pipes and specials	One metre	192.23
WD-W0243	900 mm dia C.I/ D.I pipes and specials	One metre	228.06
7a(i)	Lowering of D.I Pipes and specials in the trenches and laying to proper grade and alignment and as directed by the TWAD Officers.		
	For depth upto 2m		
WD-W0244	80 mm dia C.I/ D.I Pipes and Specials	One metre	17.37
WD-W0245	100 mm dia C.I/ D.I Pipes and Specials	One metre	19.36
WD-W0246	125 mm dia C.I/ D.I Pipes and Specials	One metre	24.53
WD-W0247	150 mm dia C.I/ D.I Pipes and Specials	One metre	33.29

WD-W0248	200 mm dia C.I/ D.I Pipes and Specials	One metre	40.92
WD-W0249	250 mm dia C.I/ D.I Pipes and Specials	One metre	47.71
WD-W0250	300 mm dia C.I/ D.I Pipes and Specials	One metre	52.74
WD-W0251	350 mm dia C.I/ D.I pipes and specials	One metre	65.59
WD-W0252	400 mm dia C.I/ D.I pipes and specials	One metre	74.27
WD-W0253	450 mm dia C.I/ D.I pipes and specials	One metre	89.64
WD-W0254	500 mm dia C.I/ D.I pipes and specials	One metre	94.80
WD-W0255	600 mm dia C.I/ D.I pipes and specials	One metre	116.02
WD-W0256	700 mm dia C.I/ D.I pipes and specials	One metre	143.62
WD-W0257	750 mm dia C.I/ D.I pipes and specials	One metre	161.05
WD-W0258	800 mm dia C.I/ D.I pipes and specials	One metre	193.88
WD-W0259	900 mm dia C.I/ D.I pipes and specials	One metre	229.89
	NOTE: i) For depth between 2m to 4m 10% over basic rates and for 4m to 6m 20% over basic rate allowed		
	ii) For work of laying CI connecting pipe/ syphon basic pipe below water, double the above rates shall be allowed.		
	iii) For laying pipes in sewer line except pumping main 10% more is allowed.		
b	Lowering GI pipes and specials in the trenches and laying to proper grade and alignment, jointing with GI Specials and as directed by the TWAD Officers		
WD-W0260	15mm to 40mm dia	One metre	22.15
WD-W0261	50mm to 65mm dia	One metre	22.15
WD-W0262	80mm to 100mm dia	One metre	29.80
WD-W0263	125mm to 150mm dia	One metre	29.80
c	Disjointing C.I. Tyton S/S pipes and specials, and lifting C.I. Pipes from the trenches and stacking at places shown by the departmental Officers.		
	For depth upto 2 m		
WD-W0264	80 mm dia C.I. Pipes and specials	One metre	18.87

WD-W0265	100mm dia C.I. Pipes and specials	One metre	21.38
WD-W0266	125 mm dia C.I. Pipes and specials	One metre	25.16
WD-W0267	150 mm dia C.I. Pipes and specials	One metre	33.96
WD-W0268	200 mm dia C.I. Pipes and specials	One metre	37.73
WD-W0269	250 mm dia C.I. Pipes and specials	One metre	59.12
WD-W0270	300 mm dia C.I. Pipes and specials	One metre	62.89
WD-W0271	350 mm dia C.I. Pipes and specials	One metre	81.76
WD-W0272	400 mm dia C.I. Pipes and specials	One metre	86.79
WD-W0273	450 mm dia C.I. Pipes and specials	One metre	103.14
WD-W0274	500 mm dia C.I.pipes and specials	One metre	111.94
WD-W0275	600 mm dia C.I.pipes and specials	One metre	137.10
WD-W0276	700 mm dia C.I.pipes and specials	One metre	158.48
WD-W0277	800 mm dia C.I.pipes and specials	One metre	174.83
WD-W0278	825 mm dia C.I.pipes and specials	One metre	199.99
WD-W0279	900 mm dia C.I.pipes and specials	One metre	221.37
	NOTE: For depth between	% excess allowed over basic rate	
	2m to 4m	10%	
	4m to 6m	15%	
d.	Lowering of M.S pipes and specials into the trenches and laying to proper grade and alignment and as directed by the TWAD Officers.		
WD-W0280	Up to 350mm dia	One metre	52.41
WD-W0281	400 mm Dia	One metre	62.51
WD-W0282	450 mm Dia	One metre	68.89
WD-W0283	500 mm Dia	One metre	71.75
WD-W0284	600 mm Dia	One metre	88.65
WD-W0285	700 mm Dia	One metre	118.59
WD-W0286	900 mm Dia	One metre	169.78

WD-W0287	1000 mm Dia	One metre	219.26
WD-W0288	1050 mm Dia	One metre	229.00
WD-W0289	1100 mm Dia	One metre	236.58
WD-W0290	1200 mm Dia	One metre	243.07
WD-W0291	1400 mm Dia	One metre	372.05
WD-W0292	1600 mm Dia	One metre	503.52
	NOTE: For depth between	Percentage excess allowed over basic rate	
	2m to 4m	10%	
	4m to 6m	20%	
8a	Jointing the C.I/ D.I - S/S pipes and specials with molten lead and Yarn including caulking the joints. (Including cost of jointing materials)		
	For depth upto 2m		
WD-W0293	80 mm dia C.I/ D.I - S/S pipes and specials	Each Joint	666.36
WD-W0294	100 mm dia C.I/ D.I - S/S pipes and specials	Each Joint	846.16
WD-W0295	125 mm dia C.I/ D.I - S/S pipes and specials	Each Joint	1068.66
WD-W0296	150 mm dia C.I/ D.I - S/S pipes and specials	Each Joint	1244.52
WD-W0297	200 mm dia C.I/ D.I - S/S pipes and specials	Each Joint	1715.75
WD-W0298	250 mm dia C.I/ D.I - S/S pipes and specials	Each Joint	2302.10
WD-W0299	300 mm dia C.I/ D.I - S/S pipes and specials	Each Joint	2661.82
WD-W0300	350 mm dia C.I/ D.I - S/S pipes and specials	Each Joint	3314.47
WD-W0301	400 mm dia C.I/ D.I - S/S pipes and specials	Each Joint	3850.46
WD-W0302	450 mm dia C.I/ D.I - S/S pipes and specials	Each Joint	4693.22
WD-W0303	500 mm dia C.I/ D.I - S/S pipes and specials	Each Joint	5067.50
WD-W0304	600 mm dia C.I/ D.I - S/S pipes and specials	Each Joint	6466.28
WD-W0305	700 mm dia C.I/ D.I - S/S pipes and specials	Each Joint	7007.13
WD-W0306	750 mm dia C.I/ D.I - S/S pipes and specials	Each Joint	8798.81

	NOTE: For depth between	Percentage excess allowed over basic rate	
	2m to 4m	10%	
	4m to 6m	15%	
8b	Jointing C.I/ D.I-S/S pipes and specials with rubber gaskets (tyton joint) including cost of lubricants. (including cost of jointing materials)		
	For depth upto 2m		
WD-W0307	80 mm dia C.I/ D.I-S/S pipes and specials	Each Joint	63.34
WD-W0308	100 mm dia C.I/ D.I-S/S pipes and specials	Each Joint	78.72
WD-W0309	125 mm dia C.I/ D.I-S/S pipes and specials	Each Joint	78.72
WD-W0310	150 mm dia C.I/ D.I-S/S pipes and specials	Each Joint	78.72
WD-W0311	200 mm dia C.I/ D.I-S/S pipes and specials	Each Joint	85.78
WD-W0312	250 mm dia C.I/ D.I-S/S pipes and specials	Each Joint	127.09
WD-W0313	300 mm dia C.I/ D.I-S/S pipes and specials	Each Joint	143.15
WD-W0314	350 mm dia C.I/ D.I-S/S pipes and specials	Each Joint	158.15
WD-W0315	400 mm dia C.I/ D.I-S/S pipes and specials	Each Joint	181.15
WD-W0316	450 mm dia C.I/ D.I-S/S pipes and specials	Each Joint	274.31
WD-W0317	500 mm dia C.I/ D.I-S/S pipes and specials	Each Joint	297.41
WD-W0318	600 mm dia C.I/ D.I-S/S pipes and specials	Each Joint	399.55
WD-W0319	700 mm dia C.I/ D.I-S/S pipes and specials	Each Joint	470.59
WD-W0320	750 mm dia C.I/ D.I-S/S pipes and specials	Each Joint	618.38
WD-W0321	800 mm dia C.I/ D.I-S/S pipes and specials	Each Joint	768.42
WD-W0322	900 mm dia C.I/ D.I-S/S pipes and specials	Each Joint	1179.39
	NOTE: For depth between	Percentage excess allowed over basic rate	
	2m to 4m	10%	
	4m to 6m	20%	

8c	Joining the C.I/ D.I Double flanged pipes and specials with rubber insertion to with IS-638(1979) and M.S. bolts and nuts of IS 1364-1 (2002), including cost of jointing materials such as bolt and nuts Rubber insertion and labour charges etc., complete.		
	For depth upto 2m		
	For works above water level		
WD-W0323	80 mm dia C.I/ D.I Double flanged pipes and specials	Each Joint	186.40
WD-W0324	100 mm dia C.I./D.I. Double flanged pipes and specials	Each Joint	315.93
WD-W0325	125 mm dia C.I/ D.I Double flanged pipes and specials	Each Joint	328.87
WD-W0326	150 mm dia C.I./D.I. Double flanged pipes and specials	Each Joint	524.35
WD-W0327	200 mm dia C.I/ D.I Double flanged pipes and specials	Each Joint	593.88
WD-W0328	250 mm dia C.I/ D.I Double flanged pipes and specials	Each Joint	834.96
WD-W0329	300 mm dia C.I/ D.I Double flanged pipes and specials	Each Joint	947.03
WD-W0330	350 mm dia C.I/ D.I Double flanged pipes and specials	Each Joint	1218.59
WD-W0331	400 mm dia C.I/ D.I Double flanged pipes and specials	Each Joint	1837.43
WD-W0332	450 mm dia C.I/ D.I Double flanged pipes and specials	Each Joint	2087.28
WD-W0333	500 mm dia C.I/ D.I Double flanged pipes and specials	Each Joint	2597.82
WD-W0334	600 mm dia C.I/ D.I Double flanged pipes and specials	Each Joint	3675.30
WD-W0335	700 mm dia C.I/ D.I Double flanged pipes and specials	Each Joint	3697.62
WD-W0336	750 mm dia C.I/ D.I Double flanged pipes and specials	Each Joint	3803.82
WD-W0337	800 mm dia C.I/ D.I Double flanged pipes and specials	Each Joint	3814.19
WD-W0338	900 mm dia C.I/ D.I Double flanged pipes and specials	Each Joint	4500.66

	NOTE: For depth between	Percentage excess allowed over basic rate	
	2m to 4m	10%	
	4m to 6m	15%	
8d	Jointing C.I/ D.I double flanged pipes and specials with rubber insertion or any equivalent to the required specifications with M.S. bolts and nuts etc., complete including charges for special tools and plants such as air compressor and helmets and sheet piles. etc (including cost of jointing materials)		
	For depth upto 2m		
WD-W0339	80mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	398.27
WD-W0340	100mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	593.19
WD-W0341	125mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	661.30
WD-W0342	150mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	944.65
WD-W0343	200mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	1089.19
WD-W0344	250mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	1487.78
WD-W0345	300mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	1641.40
WD-W0346	350mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	2033.94
WD-W0347	400mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	2795.56
WD-W0348	450mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	3111.56
WD-W0349	500mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	3654.81
WD-W0350	600mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	5145.72
WD-W0351	700mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	5917.58
	NOTE: For depth between	Percentage excess allowed over basic rate	
	2m to 4m	10%	
	4m to 6m	15%	

8e	Joining the C.I/ D.I-S/S pipes and specials with neat cement or cement mortar and spun yarn including caulking the joints, curing. (including cost of jointing materials)		
	For depth upto 2m		
WD-W0352	80mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	174.15
WD-W0353	100mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	180.87
WD-W0354	125mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	235.41
WD-W0355	150mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	270.94
WD-W0356	200mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	425.76
WD-W0357	250mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	505.03
WD-W0358	300mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	587.08
WD-W0359	350mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	716.07
WD-W0360	400mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	816.18
WD-W0361	450mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	1008.88
WD-W0362	500mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	1135.16
WD-W0363	600mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	1405.61
WD-W0364	700mm dia C.I/ D.I-S/S Pipes and Specials	Each Joint	1534.28
	NOTE: For depth between	Percentage excess allowed over basic rate	
	2m to 4m	10%	
	4m to 6m	15%	
9	Lowering RCC pipes and specials into the trenches and laying to proper grade and alignment		
	For depth upto 2m		
WD-W0365	150mm dia R.C.C. Pipes and Specials	One metre	54.67
WD-W0366	200mm dia R.C.C. Pipes and Specials	One metre	58.39
WD-W0367	250mm dia R.C.C. Pipes and Specials	One metre	73.30
WD-W0368	300mm dia R.C.C. Pipes and Specials	One metre	85.73

WD-W0369	350mm dia R.C.C. Pipes and Specials	One metre	108.09
WD-W0370	400mm dia R.C.C. Pipes and Specials	One metre	116.79
WD-W0371	450mm dia R.C.C. Pipes and Specials	One metre	135.42
WD-W0372	500mm dia R.C.C. Pipes and Specials	One metre	156.55
WD-W0373	600mm dia R.C.C. Pipes and Specials	One metre	181.39
WD-W0374	700mm dia R.C.C. Pipes and Specials	One metre	203.76
WD-W0375	750mm dia R.C.C. Pipes and Specials	One metre	212.46
WD-W0376	800mm dia R.C.C. Pipes and Specials	One metre	258.43
WD-W0377	900mm dia R.C.C. Pipes and Specials	One metre	304.39
WD-W0378	1000mm dia R.C.C. Pipes and Specials	One metre	351.61
WD-W0379	1100mm dia R.C.C. Pipes and Specials	One metre	410.00
WD-W0380	1200mm dia R.C.C. Pipes and Specials	One metre	455.97
WD-W0381	1300mm dia R.C.C. Pipes and Specials	One metre	501.94
	NOTE: For depth between	% excess allowed over basic rate	
	2m to 4m	10%	
	4m to 6m	15%	
i)	Each Collar joint is to be treated as one joint only		
ii)	For laying RCC pipes in sewage lines, except pumping main, 5% more is allowed		
10a	Jointing RCC pipes with cement using necessary collars including the cost of jointing materials.		
	For depth upto 2m		
WD-W0382	150mm dia R.C.C. Pipes and Specials	Each Joint	303.13
WD-W0383	200mm dia R.C.C. Pipes and Specials	Each Joint	371.05
WD-W0384	250mm dia R.C.C. Pipes and Specials	Each Joint	455.32
WD-W0385	300mm dia R.C.C. Pipes and Specials	Each Joint	511.92
WD-W0386	350mm dia R.C.C. Pipes and Specials	Each Joint	549.66
WD-W0387	400mm dia R.C.C. Pipes and Specials	Each Joint	592.42

WD-W0388	450mm dia R.C.C. Pipes and Specials	Each Joint	695.56
WD-W0389	500mm dia R.C.C. Pipes and Specials	Each Joint	768.51
WD-W0390	600mm dia R.C.C. Pipes and Specials	Each Joint	914.42
WD-W0391	700mm dia R.C.C. Pipes and Specials	Each Joint	1064.09
WD-W0392	750mm dia R.C.C. Pipes and Specials	Each Joint	1124.47
WD-W0393	800mm dia R.C.C. Pipes and Specials	Each Joint	1167.23
WD-W0394	900mm dia R.C.C. Pipes and Specials	Each Joint	1326.97
WD-W0395	1000mm dia R.C.C. Pipes and Specials	Each Joint	1358.42
WD-W0396	1100mm dia R.C.C. Pipes and Specials	Each Joint	1486.71
WD-W0397	1200mm dia R.C.C. Pipes and Specials	Each Joint	1648.97
WD-W0398	1300mm dia R.C.C. Pipes and Specials	Each Joint	1823.80
	NOTE: For depth between	% excess allowed over basic rate	
	2m to 4m	10%	
	4m to 6m	15%	
	Each collar joint is to be treated as one joint only.		
10b	Jointing RCC pipes with lead and hemp yarn using steel collars including the cost of jointing materials and caulking the joints.		
	For depth upto 2m		
WD-W0399	150mm dia R.C.C. Pipes	Each steel collar	322.00
WD-W0400	200mm dia R.C.C. Pipes	Each steel collar	402.49
WD-W0401	250mm dia R.C.C. Pipes	Each steel collar	477.96
WD-W0402	300mm dia R.C.C. Pipes	Each steel collar	552.17
WD-W0403	350mm dia R.C.C. Pipes	Each steel collar	627.64
WD-W0404	400mm dia R.C.C. Pipes	Each steel collar	652.80

WD-W0405	450mm dia R.C.C. Pipes	Each steel collar	817.57
WD-W0406	500mm dia R.C.C. Pipes	Each steel collar	914.42
WD-W0407	600mm dia R.C.C. Pipes	Each steel collar	1093.02
WD-W0408	700mm dia R.C.C. Pipes	Each steel collar	1305.59
WD-W0409	800mm dia R.C.C. Pipes	Each steel collar	1501.81
	NOTE: For depth between	Percentage excess allowed over basic rate	
	2m to 4m	10%	
	4m to 6m	15%	
11a	Lowering AC/ GRP pipes and specials into the trench carefully, laying to proper grade and alignment, jointing of A.C/ GRP pipes with simplex joints with rubber rings or with C.I. detachable joints or with M.S. couplers.		
	For depth upto 2m		
WD-W0410	80mm dia AC/ GRP Pipes	One metre	27.33
WD-W0411	100mm dia AC/ GRP Pipes	One metre	37.27
WD-W0412	125mm dia AC/ GRP Pipes	One metre	54.67
WD-W0413	150mm dia AC/ GRP Pipes	One metre	62.12
WD-W0414	200mm dia AC/ GRP Pipes	One metre	83.24
WD-W0415	250mm dia AC/ GRP Pipes	One metre	101.88
WD-W0416	300mm dia AC/ GRP Pipes	One metre	129.21
WD-W0417	350mm dia AC/ GRP Pipes	One metre	144.12
WD-W0418	400mm dia AC/ GRP Pipes	One metre	166.49
WD-W0419	450mm dia AC/ GRP Pipes	One metre	193.82
WD-W0420	500mm dia AC/ GRP Pipes	One metre	231.09
WD-W0421	600mm dia AC/ GRP Pipes	One metre	277.06

WD-W0422	700mm dia AC/ GRP Pipes	One metre	341.67
	NOTE: For depth between	% excess allowed over basic rate	
	2m to 4m	15%	
	4m to 6m	30%	
11b (i)	Lowering PVC/ DWSC rigid pipes and specials to trench and laying to proper grade and alignment, jointing with PVC couplers with cement paste.		
	For depth upto 2m		
WD-W0423	Upto 40mm dia (OD) PVC pipe	One metre	13.01
WD-W0424	50mm to 75mm dia (OD) PVC pipe	One metre	22.01
WD-W0425	90mm to 110mm dia (OD) PVC pipe	One metre	22.22
WD-W0426	125mm to 160mm dia (OD) PVC pipe	One metre	31.34
WD-W0427	180mm to 250mm dia (OD) PVC pipe	One metre	40.76
WD-W0428	Over 250mm to 315mm dia (OD) PVC pipe	One metre	58.38
	NOTE: For depth between	Percentage excess allowed over basic rate	
	2m to 4m	15%	
	4m to 6m	30%	
11b (ii)	Lowering HDPE pipes and specials to trench and laying to proper grade and alignment and as directed by the TWAD Officers		
	For depth upto 2m		
WD-W0429	50mm to 75mm dia (OD) HDPE pipe	One metre	18.75
WD-W0430	90mm to 110mm dia (OD) HDPE pipe	One metre	18.75
WD-W0431	125mm to 160mm dia (OD) HDPE pipe	One metre	26.39
WD-W0432	180mm to 250mm dia (OD) HDPE pipe	One metre	33.92
WD-W0433	Over 250mm to 315mm dia (OD) HDPE pipe	One metre	49.23

	NOTE: For depth between	Percentage excess allowed over basic rate	
	2m to 4m	15%	
	4m to 6m	30%	
11c	Lowering PSC/ BWSC pipes and specials into the trench and laying to proper grade and alignment and Jointing with rubber gaskets		
	For depth upto 2m		
WD-W0434	Upto 350mm diameter	One metre	144.12
WD-W0435	400mm diameter	One metre	168.97
WD-W0436	450mm diameter	One metre	197.55
WD-W0437	500mm diameter	One metre	231.09
WD-W0438	600mm diameter	One metre	280.79
WD-W0439	700mm diameter	One metre	314.33
WD-W0440	800mm diameter	One metre	341.67
WD-W0441	900mm diameter	One metre	372.73
WD-W0442	1000mm diameter	One metre	406.27
WD-W0443	1100mm diameter	One metre	438.58
WD-W0444	1200mm diameter	One metre	505.67
WD-W0445	1300mm diameter	One metre	561.58
WD-W0446	1400mm diameter	One metre	644.82
WD-W0447	1500mm diameter	One metre	715.64
	NOTE: For depth between	Percentage excess allowed over basic rate	
	2m to 4m	15%	
	4m to 6m	30%	

11d	Lowering CI collars with flange into the trench and laying to proper grade and alignment and jointing PSC pipes with 2 Nos of conical rubber rings and MS bolts and nuts excluding the cost of jointing materials.		
	For depth upto 2m		
WD-W0448	Upto 350mm diameter	Each collar	1539.37
WD-W0449	400mm diameter	Each collar	1801.52
WD-W0450	450mm diameter	Each collar	2063.67
WD-W0451	500mm diameter	Each collar	2322.10
WD-W0452	600mm diameter	Each collar	2831.49
WD-W0453	700mm diameter	Each collar	3603.04
WD-W0454	800mm diameter	Each collar	3871.41
WD-W0455	900mm diameter	Each collar	4385.77
WD-W0456	1000mm diameter	Each collar	5151.11
WD-W0457	1100mm diameter	Each collar	5671.68
WD-W0458	1200mm diameter	Each collar	6446.96
WD-W0459	1300mm diameter	Each collar	7229.69
	NOTE: For depth between	% excess allowed over basic rate	
	2m to 4m	15%	
	4m to 6m	30%	
11e	Testing of pipes for water supply with hydraulic testing equipment by filling with water (including cost of water) and testing to recommended pressure in convenient stretches and attending the bursts if any occurred during the test, excluding the cost of pipes but including other incidental and operational charges etc., complete for the following diametres of pipes.		
WD-W0460	Up to 100mm	One metre	75.38
WD-W0461	125mm	One metre	89.30

WD-W0462	150mm	One metre	99.74
WD-W0463	200mm	One metre	121.77
WD-W0464	250mm	One metre	153.08
WD-W0465	300mm	One metre	186.72
WD-W0466	350mm	One metre	220.35
WD-W0467	400mm	One metre	256.30
WD-W0468	450mm	One metre	294.57
WD-W0469	500mm	One metre	358.36
WD-W0470	600mm	One metre	427.94
WD-W0471	700mm	One metre	543.91
WD-W0472	750mm	One metre	635.53
WD-W0473	900mm	One metre	734.11
WD-W0474	1050mm	One metre	946.34
WD-W0475	1200mm	One metre	1189.88
12a	Cutting C.I./D.I Pipes true to axis and filing smoothly and finishing the ends complete		
WD-W0476	80mm dia C.I./D.I pipes	Each cutting	56.13
WD-W0477	100mm dia C.I./D.I pipes	Each cutting	63.79
WD-W0478	125mm dia C.I./D.I pipes	Each cutting	79.09
WD-W0479	150mm dia C.I./D.I pipes	Each cutting	88.02
WD-W0480	175mm dia C.I./D.I pipes	Each cutting	104.61
WD-W0481	200mm dia C.I./D.I pipes	Each cutting	141.60
WD-W0482	250mm dia C.I./D.I pipes	Each cutting	179.87
WD-W0483	300mm dia C.I./D.I pipes	Each cutting	202.84
WD-W0484	350mm dia C.I./D.I pipes	Each cutting	256.42
WD-W0485	375mm dia C.I./D.I pipes	Each cutting	316.37
WD-W0486	400mm dia C.I./D.I pipes	Each cutting	331.68
WD-W0487	450mm dia C.I./D.I pipes	Each cutting	357.20

WD-W0488	500mm dia C.I./D.I pipes	Each cutting	395.47
WD-W0489	525mm dia C.I./D.I pipes	Each cutting	478.39
WD-W0490	600mm dia C.I./D.I pipes	Each cutting	487.32
WD-W0491	675mm dia C.I./D.I pipes	Each cutting	583.00
WD-W0492	700mm dia C.I./D.I pipes	Each cutting	614.89
WD-W0493	750mm dia C.I./D.I pipes	Each cutting	632.75
WD-W0494	800mm dia C.I./D.I pipes	Each cutting	664.64
WD-W0495	825mm dia C.I./D.I pipes	Each cutting	724.60
WD-W0496	850mm dia C.I./D.I pipes	Each cutting	760.32
WD-W0497	900mm dia C.I./D.I pipes	Each cutting	779.45
12b	Cutting A.C. Pipes true to axis and finishing the ends complete		
WD-W0498	80mm dia AC pipes	Each cutting	21.69
WD-W0499	100mm dia AC pipes	Each cutting	25.51
WD-W0500	125mm dia AC pipes	Each cutting	28.07
WD-W0501	150mm dia AC pipes	Each cutting	34.44
WD-W0502	200mm dia AC pipes	Each cutting	47.20
WD-W0503	250mm dia AC pipes	Each cutting	75.27
WD-W0504	300mm dia AC pipes	Each cutting	79.09
WD-W0505	350mm dia AC pipes	Each cutting	94.40
WD-W0506	400mm dia AC pipes	Each cutting	116.09
WD-W0507	450mm dia AC pipes	Each cutting	132.67
WD-W0508	500mm dia AC pipes	Each cutting	151.81
WD-W0509	600mm dia AC pipes	Each cutting	173.50
WD-W0510	700mm dia AC pipes	Each cutting	192.63
12c	Cutting P.V.C./ HDPE rigid pipes and specials true to axis and finishing the ends complete		
WD-W0511	Upto 75mm dia (OD) PVC pipe	Each cutting	7.65
WD-W0512	90mm dia PVC / HDPE pipes	Each cutting	11.48

WD-W0513	110mm dia PVC / HDPE pipes	Each cutting	11.48
WD-W0514	125mm dia PVC / HDPE pipes	Each cutting	11.48
WD-W0515	140mm dia PVC / HDPE pipes	Each cutting	11.48
WD-W0516	160mm dia PVC / HDPE pipes	Each cutting	19.14
WD-W0517	180mm dia PVC / HDPE pipes	Each cutting	22.96
WD-W0518	200mm dia PVC / HDPE pipes	Each cutting	22.96
WD-W0519	250mm dia PVC / HDPE pipes	Each cutting	26.79
WD-W0520	315mm dia PVC / HDPE pipes	Each cutting	29.34
12d.	Cutting and Threading of GI pipes		
a.i	15mm dia GI pipe, Cutting	Each	PWD Rate
ii.	15mm dia GI pipe, Threading	Each	
b.i	20mm dia GI pipe, Cutting	Each	
ii.	20mm dia GI pipe, Threading	Each	
c.i	25mm dia GI pipe, Cutting	Each	
ii.	25mm dia GI pipe, Threading	Each	
d.i	32mm dia GI pipe, Cutting	Each	
ii	32mm dia GI pipe, Threading	Each	
e.i	40mm dia GI pipe, Cutting	Each	
ii	40mm dia GI pipe, Threading	Each	
f.i	50mm dia GI pipe, Cutting	Each	
ii.	50mm dia GI pipe, Threading	Each	
g.i	65mm dia GI pipe, Cutting	Each	
ii	65mm dia GI pipe, Threading	Each	
h.i	80mm dia GI pipe, Cutting	Each	
ii.	80mm dia GI pipe, Threading	Each	
i.i	100mm dia GI pipe, Cutting	Each	
ii.	100mm dia GI pipe, Threading	Each	

WD-W0521	125mm dia GI pipe, Cutting	Each	55.67
WD-W0522	125mm dia GI pipe, Threading	Each	111.45
13	Cutting R.C.C. Pipes true to axis and finishing the ends complete		
WD-W0523	150mm dia R.C.C. Pipes	Each cutting	79.09
WD-W0524	200mm dia R.C.C. Pipes	Each cutting	88.02
WD-W0525	250mm dia R.C.C. Pipes	Each cutting	113.54
WD-W0526	300mm dia R.C.C. Pipes	Each cutting	147.98
WD-W0527	350mm dia R.C.C. Pipes	Each cutting	154.36
WD-W0528	400mm dia R.C.C. Pipes	Each cutting	199.01
WD-W0529	450mm dia R.C.C. Pipes	Each cutting	218.15
WD-W0530	500mm dia R.C.C. Pipes	Each cutting	243.66
WD-W0531	600mm dia R.C.C. Pipes	Each cutting	271.72
WD-W0532	650mm dia R.C.C. Pipes	Each cutting	284.48
WD-W0533	700mm dia R.C.C. Pipes	Each cutting	312.55
WD-W0534	750mm dia R.C.C. Pipes	Each cutting	322.75
WD-W0535	800mm dia R.C.C. Pipes	Each cutting	354.65
WD-W0536	900mm dia R.C.C. Pipes	Each cutting	376.33
WD-W0537	1000mm dia R.C.C. Pipes	Each cutting	405.67
WD-W0538	1100mm dia R.C.C. Pipes	Each cutting	433.74
WD-W0539	1200mm dia R.C.C. Pipes	Each cutting	465.63
WD-W0540	1300mm dia R.C.C. Pipes	Each cutting	484.77
14a	Removing the burst C.I./ D.I pipes from the pipe line and removal of slushy soil and baling out water and replacing the pipeline with sound pipe including jointing and cost of refilling the pipeline with water for retesting the pipe line etc complete. (excluding cost of sound pipe and jointing materials and earth work) and as directed by the TWAD Board Officers.		

14a	Removing the burst C.I./ D.I pipes from the pipe line and removal of slushy soil and baling out water and replacing the pipeline with sound pipe including jointing and cost of refilling the pipeline with water for retesting the pipe line etc complete. (excluding cost of sound pipe and jointing materials and earth work) and as directed by the TWAD Board Officers.		
WD-W0541	80mm dia C.I./ D.I Pipes	Each	1465.78
WD-W0542	100mm dia C.I./ D.I Pipes	Each	1839.56
WD-W0543	125mm dia C.I./ D.I Pipes	Each	2403.42
WD-W0544	150mm dia C.I./ D.I Pipes	Each	3031.07
WD-W0545	200mm dia C.I./ D.I Pipes	Each	4227.68
WD-W0546	250mm dia C.I./ D.I Pipes	Each	5812.10
WD-W0547	300mm dia C.I./ D.I Pipes	Each	7395.25
WD-W0548	350mm dia C.I./ D.I Pipes	Each	8373.71
WD-W0549	400mm dia C.I./ D.I Pipes	Each	10698.05
WD-W0550	450mm dia C.I./ D.I Pipes	Each	11654.82
WD-W0551	500mm dia C.I./ D.I Pipes	Each	13077.23
WD-W0552	600mm dia C.I./ D.I Pipes	Each	16001.14
WD-W0553	700mm dia C.I./ D.I Pipes	Each	17466.93
WD-W0554	750mm dia C.I./ D.I Pipes	Each	20045.12
WD-W0555	800mm dia C.I./ D.I Pipes	Each	22638.63
WD-W0556	825mm dia C.I./ D.I Pipes	Each	26848.45
WD-W0557	900mm dia C.I./ D.I Pipes	Each	32754.95
	NOTE: For depth between	Percentage excess allowed over basic rate	
	2m to 4m	15%	
	4m to 6m	30%	

14b	Removing the burst A.C. Pipes from the pipe line and removal of slushy soil and baling out water and replacing the pipe line with sound pipe including jointing and cost of refilling the pipe line with water for retesting the pipe line etc complete (excluding cost of sound pipe and jointing materials and earth work) and as directed by the TWAD Board Officers		
WD-W0558	For depth upto 2m		
WD-W0559	80mm dia AC. Pipes	Each	848.34
WD-W0560	100mm dia AC. Pipes	Each	1003.98
WD-W0561	125mm dia AC. Pipes	Each	1262.95
WD-W0562	150mm dia AC. Pipes	Each	1617.59
WD-W0563	200mm dia AC. Pipes	Each	2270.75
WD-W0564	250mm dia AC. Pipes	Each	2903.50
WD-W0565	300mm dia AC. Pipes	Each	3616.62
WD-W0566	350mm dia AC. Pipes	Each	3971.26
WD-W0567	375mm dia AC. Pipes	Each	4468.79
WD-W0568	400mm dia AC. Pipes	Each	4731.58
WD-W0569	450mm dia AC. Pipes	Each	4832.36
WD-W0570	500mm dia AC. Pipes	Each	5308.20
WD-W0571	600mm dia AC. Pipes	Each	6178.23
WD-W0572	700mm dia AC. Pipes	Each	7610.84
	NOTE: For depth between	% excess allowed over basic rate	
	2m to 4m	15%	
	4m to 6m	30%	

14c	Removing the burst P.V.C./ HDPE Pipes from the pipe line and removal of slushy soil and baling out water and replacing the pipe line with sound pipe including jointing and cost of refilling the pipe line with water for retesting the pipe line etc., complete (excluding cost of sound pipe and jointing materials and earth work) and as directed by the TWAD Board Officers		
WD-W0573	Upto 63mm dia (OD) PVC / HDPE Pipes	Each	433.74
WD-W0574	75mm dia (OD) PVC / HDPE Pipes	Each	544.73
WD-W0575	90mm dia (OD) PVC / HDPE Pipes	Each	724.60
WD-W0576	110mm dia (OD) PVC / HDPE Pipes	Each	880.24
WD-W0577	125mm dia (OD) PVC / HDPE Pipes	Each	1044.80
WD-W0578	140mm dia to 160mm dia (OD) PVC / HDPE Pipes	Each	1288.46
WD-W0579	180mm dia to 200mm dia (OD) PVC / HDPE Pipes	Each	1974.79
WD-W0580	250mm dia to 280mm dia (OD) PVC / HDPE Pipes	Each	2407.25
WD-W0581	315mm dia (OD) PVC / HDPE Pipes	Each	2682.80
	NOTE: For depth between	Percentage excess allowed over basic rate	
	2m to 4m	15%	
	4m to 6m	30%	
14d	Removing the burst R.C.C. pipes from the pipe line and removal of slushy soil and baling out water and replacing the pipe line with sound pipe including jointing and cost of refilling the pipe line with water for retesting the pipe line etc., complete. (excluding cost of sound pipe and jointing materials and earth work) and as directed by the TWAD Board Officers		
	For depth upto 2m		
WD-W0582	150mm dia RCC Pipes	Each	2356.22
WD-W0583	200mm dia RCC Pipes	Each	3313.00
WD-W0584	250mm dia RCC Pipes	Each	4117.97

WD-W0585	300mm dia RCC Pipes	Each	4889.77
WD-W0586	350mm dia RCC Pipes	Each	5789.14
WD-W0587	375mm dia RCC Pipes	Each	6878.59
WD-W0588	400mm dia RCC Pipes	Each	7408.01
WD-W0589	450mm dia RCC Pipes	Each	8281.86
WD-W0590	500mm dia RCC Pipes	Each	9216.95
WD-W0591	525mm dia RCC Pipes	Each	10490.11
WD-W0592	600mm dia RCC Pipes	Each	10774.59
WD-W0593	650mm dia RCC Pipes	Each	12022.23
WD-W0594	700mm dia RCC Pipes	Each	12263.33
WD-W0595	800mm dia RCC Pipes	Each	13533.93
WD-W0596	900mm dia RCC Pipes	Each	14948.69
WD-W0597	1000mm dia RCC Pipes	Each	16343.03
WD-W0598	1100mm dia RCC Pipes	Each	17806.26
WD-W0599	1200mm dia RCC Pipes	Each	19218.47
WD-W0600	1300mm dia RCC Pipes	Each	20162.49
	NOTE: For depth between	Percentage excess allowed over basic rate	
	2m to 4m	15%	
	4m to 6m	30%	
	For sewerline works (Except pumping main) 5% extra over the above rate may be adopted.		
14e	Charges for fixing MS Stepped split up collar in position in the spigot and socket ends of the PSC pipe carefully and caulking the sides of the collar using hemp yarn cement and hard crete and pouring the cement slurry mixed with use of hard crete in the stepped collar including cost of materials etc. complete but excluding cost of stepped collar as directed by the TWAD Board Officers		

WD-W0601	Upto 1500mm dia PSC pipes	Each	15503.62
WD-W0602	Upto 1000mm dia PSC pipes	Each	12393.45
WD-W0603	Upto 800mm dia PSC pipes	Each	7226.86
WD-W0604	Upto 700mm dia PSC pipes	Each	7135.01
WD-W0605	Upto 600mm dia PSC pipes	Each	7049.53
WD-W0606	Upto 500mm dia PSC pipes	Each	6831.39
Note:	For lighting arrangements during night works due to emergency actual expenditure incurred based on need for lighting may be given extra as certified by the Executive Engineer incharge of work at site		
14f	Charges for lowering, positioning and fixing MS steps collars in AC pipe line carefully and caulking the sides of collar using hemp yarn, cement and hard crete into the stepped collar including cost of jointing materials such as cement, yarn, bolt and nuts, MS washers, RI sheet and hard crete etc. but excluding cost of step collar and as directed by TWAD Officers		
WD-W0607	For 500mm dia AC pipe	Each	5165.44
WD-W0608	For 600mm dia AC pipe	Each	5678.04
WD-W0609	For 700mm dia AC pipe	Each	6457.38
i)	For removing the burst pipe in the maintenance works when burst occurs and replacing it with sound pipes including the cost of refilling the trench and the removal of slushy soil etc., Complete (Pipes and special jointing materials will be supplied with in 200m lead and at the respective TWAD Board divisional stores free of cost). 2 times ordinary rate allowed for the works are done during day time since the works are done in confined reaches.		
ii)	If the works are done in odd hours (i.e) 8.00 P.M. to 8.00 A.M. of the next day, 3 times of ordinary rate is allowed since the works are done in the confined reaches.		
	Slow Sand / Rapid Sand Filter Works		
WD-W0610	Labour for filling with broken stone of all sizes well washed and cleaned, to be free from impurities, including stacking and laying in bed	One cubic metre	167.12

WD-W0611	Labour for filling the coarse sand passing through a sieve of 10 meshes to 2.5 cm and retained in 20 meshes to 2.5 cm well washed and cleaned to be free from impurities including stacking	One cubic metre	316.37
WD-W0612	Labour for filling with fine sand passing through a sieve of ten meshes to 2.5cm and retained in a sieve of 40 meshes to 2.5 cm well washed and cleaned to be free from impurities including stacking	One cubic metre	28.07
WD-W0613	Labour for scraping and removing silt only from the surface and sides of the filter basin carrying the same to a distance not exceeding 200 metres	One cubic metre	30.62
WD-W0614	Labour for removing dirty sand in layer of 25 mm uniform thickness from the slow sand filter, conveying, dropping the sand in a hopper with a lift of not exceeding 3 metres within a distance of 30 metres and delivering the washed sand in filter bed including removal and carrying the dirt from collecting chamber to a distance of upto 200 metres.	One square metre	38.27
DRAINAGE WORKS			
16	Laying and jointing with cement mortar stoneware pipes and specials in dry condition and testing with water		
	100mm diameter stoneware pipes	One metre	
	150mm diameter stoneware pipes	One metre	
	200mm diameter stoneware pipes	One metre	
	225mm diameter stoneware pipes	One metre	
	250mm diameter stoneware pipes	One metre	
	300mm diameter stoneware pipes	One metre	
	375mm diameter stoneware pipes	One metre	
	450mm diameter stoneware pipes	One metre	
	NOTE : The rates to be worked out vide standard data appended as Item 21		

17	Jointing HDPE Pipes and Specials by butt fusion welding / electro fusion welding joints using fusion equipment as per ISO 21307-2011 and as per IS 7634 (part-2) : 2012 including cost of hire charges for butt fusion equipment power supply arrangements etc., complete as per directed by TWAD Board Officers.		
WD-W0615	50mm	Joint	100.78
WD-W0616	63mm	Joint	125.02
WD-W0617	75mm	Joint	149.26
WD-W0618	90mm	Joint	182.43
WD-W0619	110mm	Joint	219.42
WD-W0620	125mm	Joint	250.04
WD-W0621	140mm	Joint	280.65
WD-W0622	160mm	Joint	318.93
WD-W0623	180mm	Joint	367.40
WD-W0624	200mm	Joint	406.95
WD-W0625	225mm	Joint	460.53
WD-W0626	250mm	Joint	511.56
WD-W0627	280mm	Joint	570.24
WD-W0628	315mm	Joint	642.95
WD-W0629	355mm	Joint	723.32
WD-W0630	400mm	Joint	816.45
WD-W0631	450mm	Joint	917.23
WD-W0632	500mm	Joint	1019.29
WD-W0633	560mm	Joint	1178.75
WD-W0634	630mm	Joint	1347.14
18	Jointing of mechanical joint collar, nuts, gasket and fixing in position as directed by departmental officers.		
WD-W0635	100mm	Joint	127.57

WD-W0636	150mm	Joint	308.72
WD-W0637	200mm	Joint	318.93
WD-W0638	250mm	Joint	469.46
WD-W0639	400mm	Joint	988.67
WD-W0640	450mm	Joint	1092.00
WD-W0641	600mm	Joint	2001.58
19	Disjointing if GI pipes as directed by the departmental officers		
WD-W0642	upto 80mm	Each	82.92
WD-W0643	Above 80mm	Each	109.71
20	Welding of GI pipes as directed by the departmental officers for the sizes		
WD-W0644	upto 80mm	One welding Joint	269.17
WD-W0645	Above 80mm	One welding Joint	308.72
Note:	The Basic rates adopted under this head " Rates of works" is exclusive of all taxes and GST		

DATA ILLUSTRATION (RATES FOR ITEM No.16) LAYING AND JOINTING STONE WARE PIPES FOR ONE RUNNING METRE
(Only for illustration purpose assuming Conveyance charges for 20KM for Cement & Sand and 8KM for Stoneware pipes)

Unique Code	Diameter (in mm)	Length of each pipe in cm	Weight of S.W pipes for 30m (As per Hand Book of PHE)	Quantity of cement in Kg for 50 joints	Cost of cement required for 50 joints (Rs.) (5960-20+136.75=6096.75)	Quantity of sand in cubic metres for 50 mortar joints	Cost of sand required for 50 mortar joints at Rs. Per cum (877.77+ 218.74 = 1096.51)	Quantity of spun of tarred yarn in Kg	Cost of yarn at Rs. 14.41/ Kg	Total cost of materials (Total of columns 5,7,& 9)	Labour for Laying and jointing								Cost of Labour for a length of 30m of SW pipes (Total No. of column 11,12,13 & 14) (Rs. P.)	Total cost of material and cost of La- bour for 30 mts. (Total No. of Column 10 & 15) (Rs. P)	Conveyance of pipes from stock yard to site of work	Testing charges including conveyance of water tools and plants etc. (Rs.)	Total cost of laying and jointing SW pipes with CM and packing with spun or tarred yarn etc. complete for 30m length (Rs. P)	Total cost of laying 4 joints stoneware pipes complete for 1 metre (Rs. P)	
											11		12		13		14								
	1	2	3	4	5	6	7	8	9	10	Nos.	Amount.	Fitter II Class (941.60)	Nos.	Amount.	Mazdoor Category I (716.10)	Nos.	Amount.	Mazdoor Category II (587.40)	15	16	17	18	19	20
WD- W0646	100	60	435	45	274.35	0.04	43.86	3.63	52.31	370.52	2	2198	1	941.6	5	3581	2	1175	7894.70	8265.22	334.54	75.38	8675.14	289.17	
WD- W0647	150	60	750	68	414.58	0.07	76.76	5.45	78.53	569.87	3	3297	2	1883	6	4297	3	1762	11238.70	11808.57	576.80	99.74	12485.10	416.17	
WD- W0648	200	60	1043	98	597.48	0.08	87.72	6.90	99.43	784.63	4	4396	2	1883	6	4297	3	1762	12337.60	13122.23	802.13	121.77	14046.13	468.20	
WD- W0649	225	60	1185	104	634.06	0.10	109.65	8.17	117.73	861.44	5	5495	3	2825	7	5013	5	2937	16269.00	17130.44	1101.85	153.09	18385.38	612.85	
WD- W0650	250	60	1375	115	701.13	0.11	120.62	8.35	120.32	942.07	5	5495	3	2825	7	5013	5	2937	16269.00	17211.07	1278.52	153.09	18642.67	621.42	
WD- W0651	300	60	2180	150	914.51	0.15	164.48	11.34	163.41	1242.40	6	6593	3	2825	12	8593	6	3524	21535.80	22778.20	2027.03	186.71	24991.94	833.06	
WD- W0652	375	60	2425	318	1938.77	0.28	307.02	18.14	261.40	2507.19	7	7692	3	2825	14	10025	7	4112	24654.30	27161.49	2613.37	220.35	29995.22	999.84	

- Note ::
1. For other diameter of pipes now manufactured, the rates will be fixed in due course after observing data.
 2. The rates arrived at adopting the data appended to this schedule of Rates is for works done in the first 2.00m depth extra percentage 5% for 2m to 2.5m, 7.50% for 2.50m to 3m, 10% for 3m to 3.50m 15% for 3.50m to 4m and 20% for above 4m depth over basic rates are allowed.
 3. The above data does not include baling charges, baling charges to be added as extra as per rates given in the relevant PWD Schedule of Rates or as per actuals.
 4. The conveyance charges adopted for Cement, Sand & Pipes are only for illustration purpose. The average lead for respective districts, as approved by the Chief Engineer shall be adopted for Cement & Sand. The lead for Pipe shall be adopted, as certified by the respective Assistant Executive Engineer.

II. RATES FOR WORKS

**(C. EARTHWORK EXCAVATION FOR
PIPE LAYING WORKS FOR WATER SUPPLY
AND SEWERAGE WORKS)**

EARTH WORK EXCAVATION FOR PIPE LAYING WORKS FOR WATER SUPPLY AND SEWERAGE WORKS			
Unique Code	Description	Unit	Rates for 2024-25 in Rupees
1	Earth work excavation and depositing on bank with initial lead of 10 m and lift of 2 M in narrow trenches having bed width 1.25m & below for laying of pipes for water supply and sewerage works in the following type of soils as directed by Departmental officers		
WD-W0653	Sand, silt or other loose soil, wet sand or silt not under water light black cotton soil, sandy loam and ordinary soil.SS20B	Cum	205.84
WD-W0654	Hard stiff clay, stiff black cotton, hard red earth, shales, murram gravel, stoney earth and earth mixed with small size boulders and hard gravelly soil.SS20B	Cum	308.14
II	Earth work excavation and depositing on bank with initial lead of 10m and lift of 2.00m in narrow trenches for laying of pipes for water supply and sewerage works in the following types of soil strata as directed by departmental officers		
WD-W0655	In Soft Disintegrated Rock, Laterite, soft rock or kankar, not requiring blasting.	Cum	367.18
WD-W0656	In Medium rock and dense medium rock not requiring blasting.	Cum	644.93
WD-W0657	In Medium rock and Dense medium rock requiring blasting.	Cum	886.04
WD-W0658	In hard rock including blasting, removal and stacking.	Cum	1741.92

III			
WD-W0659	Earth work excavation for Pipe Laying work by removing dense medium rock using controlled blasting method by drilling blast holes using compressor and jack hammer including dewatering wherever necessary, cost of gelatin, electric detonator, licensed shot fireman, labour for filling earth in gunny bags, labour for excavation of earth, conveyance of earth including cost of gunny bags, M.S Plates, barricading, putting up road diversion boards and providing red light signal during night, removal of debris etc., where open blasting is prohibited and as directed by TWAD Board Officers.	Cum	861.67
WD-W0660	Earth work excavation for Pipe Laying work by removing hard rock using controlled blasting method by drilling blast holes using compressor and jack hammer including stacking, dewatering wherever necessary, cost of gelatin, electric detonator, licensed shot fireman, labour for filling earth in gunny bags, labour for excavation of earth, conveyance of earth including cost of gunny bags, M.S Plates, barricading, putting up road diversion boards and providing red light signal during night, removal of debris etc., where open blasting is prohibited and as directed by TWAD Board Officers.	Cum	1574.91

II. RATES FOR WORKS

**(D. EARTHWORK EXCAVATION AND
REFILLING FOR PIPE LINE WORKS HAVING
BED WIDTH OF 1.25M AND BELOW ON
LINEAR MEASUREMENT BASIS)**

**THE RATES FOR EARTH WORK EXCAVATION AND REFILLING FOR PIPE
LINE WORKS HAVING BED WIDTH OF 1.25M AND BELOW ON LINEAR
MEASUREMENT BASIS**

Unique Code	Type	Pipe size in mm	Bed Width in 'm'	Depth in 'm'	Earth work qty. in cum/m	Outer dia of pipe in 'm'	Refilling Qty/ cum/m	Earth work rate for other than loose soil/m Rs.	Earth work rate for loose soil/m Rs.	Refilling rate/m Rs.
						Cost of EWE			308.14	
						Cost of refilling			42.85	
						Cost of loose soil			205.84	
								A	B	C
WD-W0661	CI/DI/	80	0.75	1.05	0.79	0.098	0.780	243.43	162.61	33.42
WD-W0662	MS	100	0.75	1.05	0.79	0.118	0.777	243.43	162.61	33.29
WD-W0663		125	0.75	1.05	0.79	0.144	0.771	243.43	162.61	33.04
WD-W0664		150	0.75	1.05	0.79	0.170	0.765	243.43	162.61	32.78
WD-W0665		200	0.80	1.10	0.88	0.222	0.841	271.16	181.14	36.04
WD-W0666		250	0.80	1.20	0.96	0.274	0.901	295.81	197.61	38.61
WD-W0667		300	0.80	1.35	1.08	0.326	0.997	332.79	222.31	42.72
WD-W0668		350	0.90	1.45	1.31	0.378	1.193	403.66	269.65	51.12
WD-W0669		400	0.90	1.55	1.40	0.429	1.251	431.40	288.18	53.61
WD-W0670		450	1.00	1.70	1.70	0.480	1.519	523.84	349.93	65.09
WD-W0671		500	1.00	1.85	1.85	0.532	1.628	570.06	380.80	69.76
WD-W0672		525	1.00	1.85	1.85	0.532	1.628	570.06	380.80	69.76
WD-W0673		600	1.10	2.05	2.26	0.635	1.938	696.40	465.20	83.04
WD-W0674		700	1.20	2.30	2.76	0.738	2.332	850.47	568.12	99.93
WD-W0675		725	1.25	2.45	3.06	0.790	2.573	942.91	629.87	110.25
WD-W0676	AC CI 15	80	0.75	1.05	0.79	0.104	0.779	243.43	162.61	33.38
WD-W0677		100	0.75	1.05	0.79	0.124	0.775	243.43	162.61	33.21
WD-W0678		125	0.75	1.05	0.79	0.151	0.770	243.43	162.61	32.99
WD-W0679		150	0.75	1.05	0.79	0.178	0.763	243.43	162.61	32.69
WD-W0680		200	0.80	1.10	0.88	0.235	0.837	271.16	181.14	35.87
WD-W0681		250	0.80	1.20	0.96	0.286	0.896	295.81	197.61	38.39

WD-W0682		300	0.80	1.35	1.08	0.340	0.989	332.79	222.31	42.37
WD-W0683		350	0.90	1.45	1.31	0.396	1.162	403.66	269.65	49.79
WD-W0684		400	0.90	1.55	1.40	0.452	1.235	431.40	288.18	52.91
WD-W0685		450	1.00	1.70	1.70	0.502	1.502	523.84	349.93	64.35
WD-W0686		500	1.00	1.85	1.85	0.559	1.605	570.06	380.80	68.77
WD-W0687		600	1.10	2.05	2.26	0.658	1.915	696.40	465.20	82.05
WD-W0688	AC Cl 10	80	0.75	1.05	0.79	0.104	0.779	243.43	162.61	33.38
WD-W0689		100	0.75	1.05	0.79	0.124	0.775	243.43	162.61	33.20
WD-W0690		125	0.75	1.05	0.79	0.149	0.770	243.43	162.61	32.99
WD-W0691		150	0.75	1.05	0.79	0.175	0.763	243.43	162.61	32.69
WD-W0692		200	0.80	1.10	0.88	0.229	0.839	271.16	181.14	35.95
WD-W0693		250	0.80	1.20	0.96	0.281	0.898	295.81	197.61	38.48
WD-W0694		300	0.80	1.35	1.08	0.333	0.993	332.79	222.31	42.55
WD-W0695		350	0.90	1.45	1.31	0.389	1.186	403.66	269.65	50.82
WD-W0696		400	0.90	1.55	1.40	0.436	1.246	431.40	288.18	53.38
WD-W0697		450	1.00	1.70	1.70	0.486	1.515	523.84	349.93	64.92
WD-W0698		500	1.00	1.85	1.85	0.541	1.620	570.06	380.80	69.42
WD-W0699		600	1.10	2.05	2.26	0.648	1.925	696.40	465.20	82.49
WD-W0700	PVC/ HDPE/ GRP	40	0.60	1.05	0.63	0.040	0.629	194.13	129.68	26.95
WD-W0701		50	0.60	1.05	0.63	0.050	0.628	194.13	129.68	26.91
WD-W0702		63	0.60	1.05	0.63	0.063	0.627	194.13	129.68	26.87
WD-W0703		75	0.60	1.05	0.63	0.075	0.626	194.13	129.68	26.82
WD-W0704		90	0.60	1.05	0.63	0.090	0.624	194.13	129.68	26.74
WD-W0705		110	0.60	1.05	0.63	0.110	0.621	194.13	129.68	26.61
WD-W0706		125	0.60	1.05	0.63	0.125	0.618	194.13	129.68	26.48
WD-W0707		140	0.60	1.05	0.63	0.140	0.615	194.13	129.68	26.35
WD-W0708		160	0.60	1.05	0.63	0.160	0.610	194.13	129.68	26.14
WD-W0709		180	0.75	1.05	0.79	0.180	0.760	243.43	162.61	32.57
WD-W0710		200	0.80	1.10	0.88	0.200	0.850	271.16	181.14	36.42

WD-W0711	PSC/ BWSC	350	0.90	1.45	1.31	0.464	1.136	403.66	269.65	48.68
WD-W0712		400	0.90	1.55	1.40	0.514	1.188	431.40	288.18	50.91
WD-W0713		450	1.00	1.70	1.70	0.564	1.450	523.84	349.93	62.13
WD-W0714		500	1.00	1.85	1.85	0.614	1.554	570.06	380.80	66.59
WD-W0715		600	1.10	2.05	2.26	0.724	1.844	696.40	465.20	79.02
WD-W0716		700	1.20	2.30	2.76	0.824	2.227	850.47	568.12	95.43
WD-W0717		800	1.25	2.45	3.06	0.934	2.378	942.91	629.87	101.90
WD-W0718		900	1.40	2.60	2.60	1.054	2.768	801.16	535.18	118.61
WD-W0719		1000	1.70	2.60	2.60	1.150	3.381	801.16	535.18	144.88
WD-W0720		1100	1.80	2.75	2.75	1.250	3.723	847.39	566.06	159.53
WD-W0721		1200	1.90	3.00	3.00	1.350	4.269	924.42	617.52	182.93
WD-W0722	GI	15	0.75	1.05	0.79	0.020	0.787	243.43	162.61	33.72
WD-W0723		20	0.75	1.05	0.79	0.030	0.787	243.43	162.61	33.72
WD-W0724		25	0.75	1.05	0.79	0.030	0.787	243.43	162.61	33.72
WD-W0725		32	0.75	1.05	0.79	0.040	0.786	243.43	162.61	33.68
WD-W0726		40	0.75	1.05	0.79	0.050	0.786	243.43	162.61	33.68
WD-W0727		50	0.75	1.05	0.79	0.060	0.786	243.43	162.61	33.68
WD-W0728		65	0.75	1.05	0.79	0.070	0.784	243.43	162.61	33.59
WD-W0729		80	0.75	1.05	0.79	0.090	0.781	243.43	162.61	33.47
WD-W0730		100	0.75	1.05	0.79	0.110	0.778	243.43	162.61	33.34
WD-W0731		125	0.75	1.05	0.79	0.140	0.772	243.43	162.61	33.08
WD-W0732		150	0.75	1.05	0.79	0.160	0.767	243.43	162.61	32.87

NOTE: (i) For Earthwork excavation for loose soil SS-20B and ordinary soil SS-20B

- a) with bed width less than 1.25m and depth more than 2.0 m, the quantities may be worked out separately with extra cost as per foot note (d) of IV (B) and additional lift charges may be adopted
 - b) with bed width more than 1.25m, the quantities may be worked out separately with extra cost as per foot note (e) of IV (B) and additional lift charges may be adopted for depth more than 2.0 m
- (ii) For Earthwork excavation in SDR, DMR, HR etc., linear measurement rate may be worked out separately and to be approved by the SE concerned after verification of soil classifications by putting trial pits at closer intervals. (B.P.Ms. No. 82/ CoM wing/ Dt: 22.08.2008)

II. RATES FOR WORKS

(E. MISCELLANEOUS ITEMS)

RATES FOR MISCELLANEOUS WORKS

Unique Code	Description	Unit	Rates for 2024-25 in Rupees
	PLUMBING		
1. A	Laying of G.I. Pipes and specials to proper line and level including jointing but excluding cost of pipes and jointing materials for plumbing works for providing water supply and sanitary works in the premises of the building		
WD-W0733	6 mm to 32 mm dia	One metre	22.97
WD-W0734	40 mm to 50 mm dia	One metre	22.97
WD-W0735	65 mm to 150 mm dia	One metre	30.61
B	Bore cap using M.S. Flat of size 1 cm x 3 mm and M.S. sheet on top with bolting arrangements for securing the cap in position (Bore caps with M.S. Couplings need not be made)		
WD-W0736	5" Casing Pipes	Each	632.75
WD-W0737	6" Casing Pipes	Each	671.02
WD-W0738	8 " Casing Pipes	Each	737.35
2	Labour for cutting open road for laying water mains or sewer.		
WD-W0739	B.T. Roads (or) Maccadam road	One cu.m	929.98
WD-W0740	Concrete Roads	One cu.m	1302.49
3	Labour for drilling, cutting, Threading and Fixing Fer-rules in distribution pipes.		
WD-W0741	10 mm dia	Each	96.95
WD-W0742	15 mm dia	Each	121.19
WD-W0743	20mm dia	Each	153.09
WD-W0744	25 mm dia	Each	181.15
WD-W0745	4) Labour charges for Painting TWAD Board Emblem in accordance with the size and specifications as approved by the Board on the Service Reservoirs including cost of all consumables, one coat of base paint, scaffolding charges including painting NRDWP Logo on the Service Reservoirs.	Sqm	3415.06
5	Drilling holes in C.I/G.I. Dummy Flanges.		
WD-W0746	12 mm dia	Each	34.44

WD-W0747	15 mm dia	Each	68.89
WD-W0748	20 mm dia	Each	99.51
WD-W0749	22 mm dia	Each	133.95
WD-W0750	25 mm dia	Each	168.39
WD-W0751	6) Labour for refilling with sand the socket hollows of pipes including conveyance and stacking	One cu.m	34.44
	NOTE : 1) For depth between	Per-centage excess allowed over basic rate	
	2 m to 4 m	15%	
	4 m to 6 m	30%	
7	Lifting and positioning of C.I / G.I / DI/ MS Pipes in vertical direction for service reservoir pipe connection		
WD-W0752	0 to 2 m	Qtl	288.31
WD-W0753	2 to 4 m	Qtl	435.02
WD-W0754	4 to 6 m	Qtl	682.51
WD-W0755	6 m to 8 m	Qtl	944.02
WD-W0756	8 m to 10 m	Qtl	1205.53
WD-W0757	10 m to 12 m	Qtl	1463.23
WD-W0758	12 m to 14 m	Qtl	1731.13
WD-W0759	14 m to 16 m	Qtl	1972.23
WD-W0760	16 m to 18 m	Qtl	2232.48
WD-W0761	18 m to 20 m	Qtl	2494.00
WD-W0762	20 m to 22 m	Qtl	2749.14
WD-W0763	22 m to 24 m	Qtl	3006.83

	DRILLING WORKS		
	Using Hand Bore set		
8	Drilling of borewells of size 4" to 5" dia. in Sedimentary formation using hand boresets including insertion of casing pipes and removal of casing pipes etc., including supplying and packing of pebbles and conveyance of hand Boreset including loading and unloading		
WD-W0764	a) Drilling of borewells of size 4" to 5" dia.	One metre	1089.45
WD-W0765	b) Drilling of borewells of size 6" to 8" dia. in sedimentary formation using hand boreset including insertion of casing pipe etc., and supplying and packing of pebbles (Conveyance of hand bore set including loading and unloading to be done by the contractor)	One metre	1282.08
c	Using Hand Bore set (For Investigation purpose)		
WD-W0766	Drilling of borewells of size 4" to 5" dia. in sedimentary formation using hand boresets including insertion of casing pipes and removal of casing pipes etc., including collection of samples as directed by the TWAD Board Officers.	One metre	811.35
WD-W0767	Drilling of borewells of size 6" to 8" dia. in sedimentary formation using hand boresets including insertion of casing pipes and removal of casing pipes etc., including collection of samples as directed by the TWAD Board Officers.	One metre	950.40
	Using Calyx Drill		
d	Drilling of 4 1/2" diameter borewell by using Calyx Drill including transporting charges and insertion of casing pipes (excluding cost of casing pipe)		
WD-W0768	For Hilly terrain area	One metre	4079.70
WD-W0769	For Plain area	One metre	3370.41
WD-W0770	Drilling 4 1/2" dia meter bores by using In-Well rig in Hilly areas	One metre	1717.10
WD-W0771	Reaming from 6" Pilot bore to 12" size bore as directed by the TWAD Board Officers	One metre	447.78
WD-W0772	Labour charges for inserting casing pipes assembly (With slot or without slot) in the drilled hole including welding the joint etc., complete and supplying and packing the annular space with pebbles of size and quality as approved by the Executive Engineer	One metre	428.64
9 a	Driving sheet piles for one metre length of gallery each side in sandy soil		
WD-W0773	First depth of 2 m	One metre	845.79
WD-W0774	Second depth of 2 m	One metre	1292.29

WD-W0775	Third depth of 2 m	One metre	2427.66
b	Removing sheet piles from one metre length of gallery on each side including stacking the sheet piles properly		
WD-W0776	First depth of 2 m	One metre	131.40
WD-W0777	Second depth of 2m	One metre	201.56
WD-W0778	Third depth of 2 m	One metre	292.14
10	Drilling of borwell inside well 115mm dia.		
WD-W0779	a) Vertical	One metre	937.64
WD-W0780	b) Horizontal	One metre	1028.21
11	Drilling of borewell inside well 150mm dia.		
WD-W0781	a) Vertical	One metre	1173.65
WD-W0782	b) Horizontal	One metre	1239.99
12	Drilling of Borewells anywhere in Tamilnadu including transportation from one place to another with in Tamilnadu in alluvial soil sedimentary strata of clay and sand stone shale pebbles boulders etc. By first taking a pilot bore of 140 mm/150mm dia and then enlarging to required dia direct or reverse rotary mud circulation method using rotary rigs, fuel, labour and drilling bentonite and water required for drilling at site (Site will be shown by the TWAD Board Officers) including construction of mud pit.	P.S. to M.D.S.S. Special Specifications.	
a.	Drilling of 140/150 mm pilot bore		
WD-W0783	Upto 60 m Depth ending below ground level	One metre	1959.49
WD-W0784	From 60 m upto 90 m Depth ending from ground level	One metre	2122.77
WD-W0785	From 90 m upto 120 m Depth ending from ground level	One metre	2250.34
WD-W0786	From 120 m upto 150 m Depth ending from ground level	One metre	2368.98
WD-W0787	From 150 m upto 180 m Depth ending from ground level	One metre	2405.98
WD-W0788	From 180 m upto 210 m Depth ending from ground level	One metre	2483.79
WD-W0789	From 210 m upto 240 m Depth ending from ground level	One metre	2555.23

WD-W0790	From 240 m upto 270 m Depth ending from ground level	One metre	2644.53
WD-W0791	From 270 m upto 300 m Depth ending from ground level	One metre	2703.22
WD-W0792	From 300 m upto 330 m Depth ending from ground level	One metre	2768.27
WD-W0793	From 330 m upto 360 m Depth ending from ground level	One metre	2826.96
12 b	Reaming 140/150 mm dia pilot bore to 300mm dia bore as directed by the TWAD Board Officer.		
WD-W0794	Upto 60 m depth ending below ground level	One metre	492.43
WD-W0795	From 60 m depth and upto 90 mt depth ending below ground level	One metre	523.04
WD-W0796	From 90 m upto 120 mt depth ending below ground level	One metre	557.48
WD-W0797	From 120 m upto 150 mt depth ending below ground level	One metre	566.41
WD-W0798	From 150 m upto 180 mt depth ending below ground level	One metre	591.92
WD-W0799	From 180 m upto 210 mt depth ending below ground level	One metre	622.55
WD-W0800	From 210 m upto 240 mt depth ending below ground level	One metre	650.61
WD-W0801	From 240 m upto 270 mt depth ending below ground level	One metre	673.57
WD-W0802	From 270 m upto 300 mt depth ending below ground level	One metre	710.57
WD-W0803	From 300 m upto 330 mt depth ending below ground level	One metre	738.63
WD-W0804	From 330 m upto 360 mt depth ending below ground level	One metre	765.42
12 c	Reaming 200 mm dia pilot bore to 350mm dia bore as directed by the TWAD Board Officer.		
WD-W0805	Upto 60 m depth ending below ground level	One metre	552.38
WD-W0806	From 60 m depth and upto 90 mt depth ending below ground level	One metre	585.55
WD-W0807	From 90 m upto 120 m depth ending below ground level	One metre	622.55

WD-W0808	From 120 m upto 150 m depth ending below ground level	One metre	641.67
WD-W0809	From 150 m upto 180 m depth ending below ground level	One metre	663.37
WD-W0810	From 180 m upto 210 m depth ending below ground level	One metre	713.12
WD-W0811	From 210 m upto 240 m depth ending below ground level	One metre	815.18
WD-W0812	From 240 m upto 270 m depth ending below ground level	One metre	836.86
WD-W0813	From 270 m upto 300 m depth ending below ground level	One metre	856.00
WD-W0814	From 300 m upto 330 m depth ending below ground level	One metre	884.06
WD-W0815	From 330 m upto 360 m depth ending below ground level	One metre	905.75
12 d	Reaming 300 mm dia pilot bore to 400mm/ 450mm dia bore as directed by the TWAD Board Officer.		
WD-W0816	Upto 60 m depth ending below ground level	One metre	759.04
WD-W0817	From 60 m depth and upto 90 m depth ending below ground level	One metre	849.62
WD-W0818	From 90 m upto 120 m depth ending below ground level	One metre	905.75
WD-W0819	From 120 m upto 150 m depth ending below ground level	One metre	960.61
WD-W0820	From 150 m upto 180 m depth ending below ground level	One metre	998.88
WD-W0821	From 180 m upto 210 m depth ending below ground level	One metre	1026.94
WD-W0822	From 210 m upto 240 m depth ending below ground level	One metre	1051.18
WD-W0823	From 240 m upto 270 m depth ending below ground level	One metre	1100.94
WD-W0824	From 270 m upto 300 m depth ending below ground level	One metre	1143.03
WD-W0825	From 300 m upto 330 m depth ending below ground level	One metre	1199.17
WD-W0826	From 330 m upto 360 m depth ending below ground level	One metre	1239.99

12 e	Labour Charges for inserting 150 mm/200mm/250 mm dia (M.S. Casing pipes assembly with slots or with out slots) in the drilled hole including welding the joints etc., complete and supplying and packing the annular space with pebbles of size and quality as approved by the Executive Engineers of TWAD Board.		
WD-W0827	150 mm dia Casing Pipes assembly	One metre	441.40
WD-W0828	200 mm dia Casing Pipes assembly	One metre	441.39
WD-W0829	250 mm dia Casing Pipes assembly	One metre	449.04
13 a	Labour Charges for inserting PVC Casing pipes assembly (with slots or without slots) in the drilled hole including jointing the pipes with PVC Couplers with Cement paste etc., complete, supply and packing the annular space with pebbles of size and quality as approved by the executive engineers of TWAD Board		
WD-W0830	150 mm dia Casing Pipes assembly	One metre	428.64
WD-W0831	200 mm dia Casing Pipes assembly	One metre	441.40
WD-W0832	250 mm dia Casing Pipes assembly	One metre	441.40
13 b	Charges for developing the Borewell with air compressor of 600 CFM capacity (Minimum 8 Hours) including transportation, labour and fuel charges for compressor as directed by TWAD Officers and conducting yield test by 'V' notch method.		
WD-W0833	Charges for developing the Borewell with air compressor of 600 CFM capacity	One hour	2888.19
	Note : I) 150 mm dia bore, reaming should be done upto 300mm dia. II) 200 mm dia bore, reaming should be done upto 300mm dia and thereafter 400,450 etc.		
14	Drilling of borewell anywhere in Tamilnadu including transportation from one place to another place within Tamilnadu in alluvial soil or sedimentary strata of clay and sand or sand, stone, shale, pebbles, boulders etc., by first taking a pilot bore of 140 mm/150mm dia and then enlarging to required dia by direct or reverse rotary mud and circulation method using Contractor's rig, fuel, labour, drilling, bentonite mud and water required for drilling at the site shown by the TWAD Officers including construction of mud pit (only Calyx drills are to be used).		
WD-W0834	Drilling 140 / 150 mm dia Pilot Bore upto 60 m depth ending below ground level.	One metre	1428.79
WD-W0835	Reaming from 140/150 mm dia pilot bore to 300 mm dia bore as directed by the TWAD Board Officers upto 60 m Depth ending from ground level	One metre	403.12

WD-W0836	Labour charges for inserting 150 mm dia M.S. Casing pipes assembly (With slots or without slots) in the drilled hole including welding the joints and packing annular space with pebbles of size and quality as approved by the Executive Engineer / TWAD Board	One metre	362.30
d.	Labour Charges for inserting PVC casing pipes assembly (with slots or without slots) in the drilled hole including the jointing the pipes with PVC couplers with cement paste etc. complete		
WD-W0837	140 mm OD PVC Casing Pipes Assembly	One metre	309.97
WD-W0838	165 mm/168 mm dia PVC Casing pipes Assembly	One metre	362.30
WD-W0839	e) Charges for developing the borewell with air compressor of 300 CFM capacity (Minimum 8 Hours) including transportation labour and fuel charges for compressor as directed by TWAD Board Officers and conducting yield test by 'V' notch method.	One hour	2246.51
WD-W0840	f) Drilling of 12" dia vertical borewell so as to have a finished size of 6" dia borewell in boulder area to any required depth as decided by the TWAD Board Officers including Transportation from one place to another place with in Tamilnadu State by direct or reverse rotary mud circulation method using Contractor's rig tools, fuel, labourers, bentonite mud and water required for drilling at the site shown by the TWAD Officers including construction of mud pit etc. using only calyx rigs.	One metre	2749.14
15 a.	Conveyance of Hand Pumps and its accessories from divisional stores to site of works		
WD-W0841	Conveyance upto 10 Kms	Each Hand Pump and its accessories	824.11
WD-W0842	Conveyance 10 to 20 Kms		1033.32
WD-W0843	Conveyance 20 to 40 Kms		1259.12
WD-W0844	Conveyance above 40 Kms		1459.40
	Note : i) Conveyance of Filter Point, Handpump with GI Pipes and its accessories from divisional stores to site of works. 50% of the rate of conveyance of hand pumps, with its accessories is applicable for this item for the respective leads as indicated above ii) If the Mark II hand pump is conveyed in cart track even for part distance 20 % extra over the above rate shall be adopted.		
WD-W0845	b i) Erection of deep well hand pumps upto 40 m	Each	1459.40
WD-W0846	ii) Above 40 m	Each	1664.80
WD-W0847	c) Erection of shallow well hand pumps	Each	644.23
WD-W0848	d) Erection Extra deep well hand pumps	Each	1884.21

e	Removal of deep well hand pumps from borewell		
WD-W0849	Up to 40 m	Each	1459.40
WD-W0850	Above 40 m	Each	1839.56
f)	Attending repairs to deep well handpumps for borewells inclusive of removal of G.I. Pipes, Plunger rods, Cylinder and re-erection of hand pumps inclusive of lowering the GI Pipes Plunger rods cylinder, jointing etc.		
WD-W0851	Upto 30 M	Each	1549.98
WD-W0852	Above 30 M	Each	1812.78
WD-W0853	16 a) Erection of filter point with G.I. Pipes of 32 mm to 65 mm dia.	Each	420.98
WD-W0854	b) Removing the choked filter point with G.I. Pipes of 32 mm to 65 mm dia and re-erecting in another place within 1.00 KM radius after cleaning the filter points G.I. Pipes etc., Complete upto 8 m depth	Each	700.36
17a	ERECTION OF POWER PUMPSET IN BORE/OPENWELL		
	Labour Charges for erection of Horizontal shaft, centrifugal pumpset (Coupled/Monoblock) in bore well/Open well including fixing of suction pipe and foot valve upto a maximum depth of 7 metres and delivery pipes to the required length with valves, pressure gauges upto the exterior wall of pump room and erection of panel board consisting of TPIC switches starter, Voltmeter, Ammeter, Capacitor single phasing preventor and laying and jointing the cables and twin earthing as per IE rules including providing bed blocks etc., complete and operating the pumps and trial run for 10 days including signing of completion of reports as required by EB authorities.		
WD-W0855	Upto 3 HP	Each	9429.99
WD-W0856	Above 3 HP upto 7.5 HP	Each	12137.04
WD-W0857	Above 7.5 HP to 20 HP	Each	14222.81
WD-W0858	Above 20HP to 30 HP	Each	15916.95
WD-W0859	Above 30 HP to 40 HP	Each	20620.47
WD-W0860	Above 40Hp to 50HP	Each	28758.17
WD-W0861	Above 50Hp to 60HP	Each	37530.00
WD-W0862	Above 60Hp to 70HP	Each	49500.00
WD-W0863	Above 70Hp to 80HP	Each	65300.00
WD-W0864	Above 80Hp to 120HP	Each	86100.00
WD-W0865	Above 120Hp to 150HP	Each	113600.00
WD-W0866	Above 150Hp to 180HP	Each	149900.00
WD-W0867	Above 180Hp to 315HP	Each	202365.00

17 b	ERECTION OF POWER PUMPS IN BORE WELL		
	Erection of power pumps in borewell labour charges for erection of twin packer duplex type jet pumps in borewells upto 150 mm dia including fixing of Suction pipe regulating valves with jet assembly upto a maximum depth of 30 m and delivery pipe valves pressure gauges upto the exterior wall of pump room and erection of panel board consisting of TPICN switches starter, Voltmeter, Ammeter, three indicator lamps capacitor and laying and jointing the cables and twin earthing as per IE rules etc., complete and testing the pumps and trail run for 10 days including signing of completion of reports as required by EB authorities and finishing the pipe holes including the foundation bolts, nuts and earth pits.		
WD-W0868	Upto 3 HP	Each	12614.15
WD-W0869	Above 3 HP upto 7.5 HP	Each	14738.20
WD-W0870	Beyond 7.5 HP upto 20 HP	Each	16852.03
	Note : If depth of erection exceeds beyond 30 m 10% increase over the basic rate is allowed		
17 c	Labour charges for the erection of submersible pumpset in borewell/openwell including fixing and jointing submersible cable with proper clamps upto the starter to required depth and also fixing of riser pipes to the required depth valves erection clamps, pressure gauges upto the exterior wall of pump room and erection of panel board consisting of TPICN switches starter, Voltmeter, Ammeter, three pilot (indicating) lamps capacitor single phasing preventor, water level guard and laying and jointing the cables and twin earthing as per IE rules etc., complete and testing the pumpset and trail run for 10 days.		
WD-W0871	Upto 5 HP	Each	12822.10
WD-W0872	Above 5.00 HP to 10.00 HP	Each	14693.55
WD-W0873	Above 10.00 HP to 20.00 HP	Each	16300.93
WD-W0874	Above 20HP to 30 HP	Each	17725.90
WD-W0875	Above 30 HP to 40 HP	Each	22588.87
WD-W0876	Above 40Hp to 50HP	Each	29845.07
WD-W0877	Above 50Hp to 85HP	Each	35000.00
WD-W0878	Above 85Hp to 95HP	Each	40000.00
WD-W0879	Above 95Hp to 120HP	Each	60000.00
WD-W0880	Above 120Hp to 150HP	Each	80000.00
WD-W0881	Above 150Hp to 180HP	Each	100000.00

17d	Erection of water Lubricated / oil lubricated vertical turbine pump with motor at site of work including preparation of suitable foundation and bed, fabrication of packer plates from raw materials , cutting required shims , assembling and joining of all required loose components such as bowl assembly, impellor shaft, line shaft, column pipes , head soft, discharge head, bearings, drive unit, delivery side pipes , suitable tappers required valves and specials, pressure gauges and flow meters , adjustment of pump shaft and leveling and alignment checkup greasing of relevant components, grouting of foundation bolts and sole plate with non shrink grout materials of conbextra GP-2 cement erection, connecting the relevant electrical cables with motor properly etc. complete and testing the out put and efficiency, site performance test for noise and vibration and trial run for minimum 10 days and commissioning satisfactorily for the various HP of the vertical turbine pumpsets as given below per IE rules as directed by TWAD Board officers .		
WD-W0882	Above 50Hp to 80HP	Each	165000.00
WD-W0883	Above 80Hp to 120HP	Each	185000.00
WD-W0884	Above 120Hp to 150HP	Each	200000.00
WD-W0885	Above 150Hp to 180HP	Each	225000.00
17 e	Conveyance of power pumpset (centrifugal, jet and submersible) and its accessories from divisional stores to site of works.		
WD-W0886	Conveyance upto 10 Kms	Each Power Pump and its accessories -do- -do- -do- -do-	1792.36
WD-W0887	Conveyance 10 to 20 Kms		1970.96
WD-W0888	Conveyance 20 to 40 Kms		2916.25
WD-W0889	Conveyance 40 to 60 Kms		3556.66
WD-W0890	Conveyance 60 to 80 Kms		4667.80
WD-W0891	Conveyance above 80 Kms		5352.85
	Note : For item 17 (a), (b) and (c)		
i.	Removal of centrifugal pumpset/ jet pumps/ submersible pumpsets and its accessories from borewell/ open well for attending repairs 50% of the rates mentioned under item 17 (a), (b) and (c) may be allowed for the respective Horse power.		
ii	Re-erection of centrifugal pumpsets, jet pumpsets and its accessories into the borewell/ openwell after attending the repairs 50% of the rate mentioned under item 17 (a), (b) and (c) may be allowed for respective Horse power.		

18	Hire charges :		
WD-W0892	a) Sheet piles (Larsen)	Per Pile/ Per day	7.66
WD-W0893	b) Sheet piles (For dingham)	Per Pile/ Per day	11.48
WD-W0894	c) Compartment sheet with Grills (3' - 0" Wide)	Per sheet / Per day	11.48
d	Rate for flushing of borewell of 6" dia requiring less than 4 hours operation using drill rods/ hose with required size of pipes for various capacity compressor including transportation, labour, and fuel charges for compressors as directed by the TWAD Officer and conducting yield test by 'V' notch method if required.		
WD-W0895	600 Cfm (100 /150 PSI)	1 hour (or) Part there of	2888.19
WD-W0896	300/250 Cfm (100 PSI)	1 hour (or) Part there of	2246.51
WD-W0897	125 Cfm (100 PSI)	1 hour (or) Part there of	2057.70
	Note : Minimum charges for 8 (eight) hours will be levied if the air compressor issued for other departmental works or if the air compressor is hired to other departments.		
WD-W0898	e) Helmet	Per day/ 8 hours	11.48
WD-W0899	f) Hand test pump	Per day/ 8 hours	104.61
WD-W0900	g) Pile hammer	Per day/ 8 hours	11.48
WD-W0901	h) Concrete mixer 5 Cft. With driver (Excluding cost of fuel)	Per day/ 8 hours	986.12
WD-W0902	i) Concrete mixer 7 Cft. With driver (Excluding cost of fuel)	Per day/ 8 hours	1487.48
WD-W0903	j) Hand operated winch	Per day/ 8 hours	96.95
WD-W0904	k) Pile cap	Per day/ 8 hours	25.51
l	Dewatering using 3HP to 70HP diesel engine pumpset including Hire charges, cost of Diesel, Engine oil, pump operator, labour charges, conveyance of pumpset and fuel to site and back, loading, unloading and any other incidental charges etc., complete.		
WD-W0905	Hire charges for Diesel Pump set for 3 HP	Per Hour	281.33
WD-W0906	Hire charges for Diesel Pump set for 5 HP	Per Hour	354.99

WD-W0907	Hire charges for Diesel Pump set for 7.5 HP	Per Hour	483.38
WD-W0908	Hire charges for Diesel Pump set for 10 HP	Per Hour	617.82
WD-W0909	Hire charges for Diesel Pump set for 12.5 HP	Per Hour	709.91
WD-W0910	Hire charges for Diesel Pump set for 15 HP	Per Hour	795.94
WD-W0911	Hire charges for Diesel Pump set for 20 HP	Per Hour	968.01
WD-W0912	Hire charges for Diesel Pump set for 40 HP	Per Hour	1613.94
WD-W0913	Hire charges for Diesel Pump set for 50 HP	Per Hour	1915.74
WD-W0914	Hire charges for Diesel Pump set for 60 HP	Per Hour	2259.88
WD-W0915	Hire charges for Diesel Pump set for 70 HP	Per Hour	2616.12
m	Hire charges for Centrifugal slugde removal pumpset with fuel and crew charges including transportations, fixing and dismantling		
WD-W0916	Upto 2HP	Per Hour	271.72
WD-W0917	Above 2HP to 5HP	Per Hour	353.38
WD-W0918	19 a) Labour for tying barbed wire fencing horizontally through the holes in RCC posts with required tension.	One metre	11.48
WD-W0919	b) Labour for tying barbed wire fencing vertically with required tension	One metre	11.48
WD-W0920	20) Labour charges for putting bore holes of size 3" to 4" in river bed in sandy and other loose soils using hand boring sets including the cost of hire charges, conveyance charges of hand boring sets, collection of soil sample at frequent intervals and as directed by TWAD Board Officers.	One metre	588.10
WD-W0921	21) Desilting light or sandy soil or silt from infiltration wells below water level including the charges for special T&P and air compressor etc. complete.	One cu.m.	2340.91

WD-W0922	22) Surveying and levelling for the proposed alignment of pipe line by Total station method by engaging qualified Engineers with minimum qualification of B.E.(Civil), Technical Asistant Grade I & II and Mazdoor category I, using the contractor own survey instruments, Special tools and plants vehicle hire charges, transportation, initial incidental charges such as jungle clearance etc. Preparation of Tree map and alignment plan, duly incorporating salient details, such as topographical features, permanent land marks, bench marks etc. at appropriate points, alignment plans and longitudinal section plan at 30 m intervals in addition to other salient locations such as branches,bends,culverts, river crossing etc,with all field particulars in Auto Cad and submission of plan 3 set, along with LF books with making all entries with certification by above qualified Engineers with soft copy and marking TBM stones at required places with bench mark registers soft copies 3 set and hard copy 5 set etc., complete as directed by TWAD Board officers.	1KM	5039.02
23	To Prepare NH/NHAI application proposal to the proposed water pipeline - Topographic Survey		
WD-W0923	i) carrying out topographical surveys of Water pipeline stretch on both sides of the NH Including capturing all necessary particulars of site and surroundings, as per relevant Including cost of mobilization of men and machinery. ii) The proposal including drawings and documents as per guidelines of MORTH sectional view of Water pipeline, Index.map showing the proposed location instate, Necessary undertakings inclusive of stamp paper in the specified format, License Deed Annexure-III. Check list duly filled as per applicable guidelines. iii) carrying out guide line value calculation nof detailed certified data for Restoration Charges & government License fee amount to be collected for laying pipeline. Submission of the proposal through Mort & H online portal.	1 km	7500
24	Diversion of forest land for Laying of pipeline and DGPS Surveying and preparation of documents and uploading in to web portal of Forest department		
WD-W0924	Taking Topographic survey using high precious DGPS or Total Station for transferring GPS coordinates for pipeline alignment including Topo drawings in KML format in the Reserve Forest area.	1 km	35000
WD-W0925	Preparation of greenery survey report through the alignment of pipeline in the Reserve Forest area.	1 km	15000
WD-W0926	Taking Topographic survey using high precious DGPS or Total Station for transferring GPS co-ordinates for compensation afforestation lands in the Reserve Forest area.	1 km	2200
WD-W0927	Preparation of online proposal documents and uploading the same into the web portal for pipeline alignment for Reserve Forest area land.	1 km	5000

WD-W0928	25) Conveyance of excavated earth from the narrow street (width less than 3.75m) to stock yard at nearest place (up to a lead of 5.00Km) including Head load charges from 10 meters to 100 meters and conveyance charges.	Cum	138.259
WD-W0929	26) Re-Conveyance of earth from the stock yard to the narrow street (width less than 3.75m) for refilling the trenches after laying the pipe line (up to a lead of 5.00Km) including Head load charges from 10 meters to 100 meters and conveyance charges.	Cum	138.259
WD-W0930	27) Disposal of surplus earth including loading and conveyance within a distance of 5 km (basic cost of earth is zero) including loading charges and Conveyance Charges of 5 kms distance.	Cum	115.28
WD-W0931	28) Lighting arrangements (maintenance works) with genset :		
	Hire charges for portable Genset 1.00 KVA with 2 Nos. of 150W flood light including all incidental charges, transportation, crew charges and fuel charges etc., complete.	Per day	115.28
29	Hire charges for deploying earth moving machinery (JCB/Poclain) for earthwork including diesel, oil and labour charges etc., complete.		
WD-W0932	JCB	Per Hour	909.227
WD-W0933	Poclain	Per Hour	2377.452
30	Supply delivery of natural Pebbles filter media for Filter bed operation & sedimentary bore well of spherical in shape and allow even distribution in support bed with good flow. The media should be double washed, screened, kiln dried and classified into various sizes to meet specification including all incidental charges, conveyance, loading & unloading etc., as directed by the TWAD Board officers.		
WD-W0934	Size : 5 mm to 20mm	Cum	4940.452
WD-W0935	Size : 20 mm to 70 mm	Cum	4518.305
31	BARRICADING FOR PIPELINE WORKS FOR THE WSS / UGSS WORK		
WD-W0936	Barricading work (Where, there is less traffic areas and broader roads etc.) for laying of pipe line using casurina poles at 1.50m center to center (8cm to 10cm dia and 1.80m height) vertical with horizontal poles in three rows including painting the vertical poles in the road facing sides with ready mix paint, tying the vertical and horizontal poles with coir rope including fixing charges and fixing 75mm dia reflectors including earth work excavation for fixing vertical posts and finally removing and stacking the materials safely for further use etc., complete and as directed by TWAD Board officers.	RM	58.00

WD-W0937	Barricading work (Where the lines are in narrow width of municipality area, busy streets like Market, Bus-stand and in the Highways etc.) for laying of pipe line using casurina poles at 1.50m center to center (8cm to 10cm dia. and 1.80m height) vertical with horizontal poles in two rows, painting the vertical poles in the road facing sides with ready mix paint, tying the vertical and horizontal poles with coir rope including supplying, delivery and fixing of GI sheet (0.90m x 0.8mm thick) in the horizontal poles and fixing 75mm dia. reflectors including earth work excavation for fixing vertical posts and finally removing and stacking the materials safely for further use etc., complete and as directed by TWAD Board officers.	RM	111.00
32	Shoring & strutting		
	Shoring, and strutting with sheet piles of size width 400 mm x height of 3m x thickness of 9mm as per IS 2314-1986 by driving on both sides of the trench from Ground Level up to the required depth and connecting the above sheet piles by horizontal strutting with sheet piles at an interval of 1.0m, fixing the sheet piles by connecting the horizontal strutting with casurina poles of 8cm to 10cm dia. at 1.50m interval and including removing the sheet piles after the pipelines are laid, jointed, tested, and stacking it safely for other uses. It includes the cost of sheet piles and casurina poles including labour charges for erecting the sheet piles, driving the sheet piles, removing the sheet piles, fixing Casurina poles, etc., complete and all other incidental charges for the depths (i) 0-3mts.,(ii) 0-4mts.,(iii) 0-5mts., (iv) 0-6mts.,(v) 0-7mts. and (vi) 0-8mts.		
WD-W0938	0 to 3 m	RM	3407.81
WD-W0939	0 to 4 m	RM	4612.74
WD-W0940	0 to 5 m	RM	5844.48
WD-W0941	0 to 6 m	RM	7051.66
WD-W0942	0 to 7 m	RM	8281.16
WD-W0943	0 to 8 m	RM	9638.15

33	RATES FOR TRENCHLESS TECHNOLOGY FOR PIPE LAYING WORK IN RAILWAY/ NHAI/SH/NH CROSSINGS.		
i	Excavating of driving pit and receiving pit of size 3.00m (length) x 3.50m (breadth), upto 5m depth in all soil strata including shoring and strutting using 6mm tk MS Plate of size 3.50m x 3.50m usable for 20 operations and providing 16mm thickness MS plate of size 3.00m x 3.50m with 100mm x100mm x 12mm angles of 4m length for holding the MS plates for Thrust arrangements to receive the impacts during pushing operation of encasing pipe. Lowering the following size of MS encasing pipe by using Contractor's crane and machineries and jointing MS pipes by welding, across the National Highways/State Highways/ Railways/Canal crossing etc and driving the horizontal bore by pushing / jacking method (trenchless technology method) using contractor's machineries such as cranes, jacks, jacking materials, generator, welding machineries, compressor, jack hammer and other equipments etc. without interfering and causing any hindrance to the movement of traffic or any other vehicles, without any disturbances to the railway/road/canal formation etc. including bailing / pumping of water where ever necessary without affecting any installation like water supply pipeline/telephone cable, electric cables etc. passing nearby area and scooping the earth inside the pipes and pit and depositing the surplus earth in a convenient place and leveling the site after completion of entire work as directed by TWAD Engineers. The rate includes the cost of driving pit, thrust bed/wall and receiving pit to the depth of om to 2m excluding the cost of MS pipes.		
WD-W0944	For 200mm dia MS encasing pipe for various thickness	RM	10860.00
WD-W0945	For 250mm dia MS encasing pipe for various thickness	RM	10980.00
WD-W0946	For 300mm dia MS encasing pipe for various thickness	RM	11110.00

ii	Excavating of driving pit and receiving pit of size 3.00m (length) x 3.50m (breadth), depth upto 5m in all soil strata including shoring and strutting using 6mm tk MS Plate of size 3.50m x 3.50m usable for 15 operations and providing 16mm thickness MS plate of size 3.00m x 3.50m with 100mm x100mm x 12mm angles of 4m length for holding the MS plates for Thrust arrangements to receive the impacts during pushing operation of encasing pipe. Lowering the following size of MS encasing pipe by using Contractor's crane and machineries and jointing MS pipes by welding, across the National Highways/State Highways/ Railways/Canal crossing etc and driving the horizontal bore by pushing / jacking method (trenchless technology method) using contractor's machineries such as cranes, jacks, jacking materials, generator, welding machineries, compressor, jack hammer and other equipments etc. without interfering and causing any hindrance to the movement of traffic or any other vehicles, without any disturbances to the railway/road/canal formation etc. including bailing / pumping of water where ever necessary without affecting any installation like water supply pipeline/telephone cable, electric cables etc. passing nearby area and scooping the earth inside the pipes and pit and depositing the surplus earth in a convenient place and leveling the site after completion of entire work as directed by TWAD Engineers. The rate includes the cost of driving pit, thrust bed/wall and receiving pit to the depth of om to 2m excluding the cost of MS pipes.		
WD-W0947	For 350mm dia MS encasing pipe for various thickness	RM	12900.00
WD-W0948	For 400mm dia MS encasing pipe for various thickness	RM	13200.00
WD-W0949	For 450mm dia MS encasing pipe for various thickness	RM	13320.00
WD-W0950	For 500mm dia MS encasing pipe for various thickness	RM	13540.00
WD-W0951	For 600mm dia MS encasing pipe for various thickness	RM	13950.00
WD-W0952	For 700mm dia MS encasing pipe for various thickness	RM	15080.00
WD-W0953	For 800mm dia MS encasing pipe for various thickness	RM	15480.00
WD-W0954	For 900mm dia MS encasing pipe for various thickness	RM	15860.00

iii	Excavating of driving pit and receiving pit of size 3.00m (length) x 3.50m (breadth), depth upto 5m in all soil strata including shoring and strutting using 6mm tk MS Plate of size 3.50m x 3.50m usable for 10 operations and providing 16mm thickness MS plate of size 3.00m x 3.50m with 100mm x100mm x 12mm angles of 4m length for holding the MS plates for Thrust arrangements to receive the impacts during pushing operation of encasing pipe. Lowering the following size of MS encasing pipe by using Contractor's crane and machineries and jointing MS pipes by welding, across the National Highways/State Highways/ Railways/Canal crossing etc and driving the horizontal bore by pushing / jacking method (trenchless technology method) using contractor's machineries such as cranes, jacks, jacking materials, generator, welding machineries, compressor, jack hammer and other equipments etc. without interfering and causing any hindrance to the movement of traffic or any other vehicles, without any disturbances to the railway/road/canal formation etc. including bailing / pumping of water where ever necessary without affecting any installation like water supply pipeline/telephone cable, electric cables etc. passing nearby area and scooping the earth inside the pipes and pit and depositing the surplus earth in a convenient place and leveling the site after completion of entire work as directed by TWAD Engineers. The rate includes the cost of driving pit, thrust bed/wall and receiving pit to the depth of om to 2m excluding the cost of MS pipes.		
WD-W0955	For 1000mm dia MS encasing pipe for various thickness	RM	17520.00
WD-W0956	For 1050mm dia MS encasing pipe for various thickness	RM	17940.00
WD-W0957	For 1100mm dia MS encasing pipe for various thickness	RM	19330.00
WD-W0958	For 1200mm dia MS encasing pipe for various thickness	RM	20810.00
WD-W0959	For 1400mm dia MS encasing pipe for various thickness	RM	22430.00
WD-W0960	For 1600mm dia MS encasing pipe for various thickness	RM	24110.00
WD-W0961	For 1800mm dia MS encasing pipe for various thickness	RM	26020.00
WD-W0962	For 2000mm dia MS encasing pipe for various thickness	RM	27990.00
WD-W0963	For 2200mm dia MS encasing pipe for various thickness	RM	31150.00

34	REPLACEMENT OF UNDER GROUND UTILITIES (HSC PIPES, DISTRIBUTION SYSTEM & PUMPING MAIN PIPES, Etc.)		
1	Replacement earthwork excavations for pipe laying works including cost of additional earthwork excavation in all soil strata, including BT/CC road cutting, removal of slushy soil and replacing the pipeline with sound pipe, including supply and delivery of GI pipes, coupler, Union, jointing materials and required specials, cutting, threading, conveying, laying, jointing and cost of refilling for the additional earthwork etc complete and as directed by the TWAD board officers. of Underground Utilities (GI Pipe) damaged during		
WD-W0964	15mm Dia GI Pipe	1RM	576.41
WD-W0965	20mm Dia GI Pipe	1RM	616.64
WD-W0966	25mm Dia GI Pipe	1RM	742.08
WD-W0967	32mm Dia GI Pipe	1RM	858.58
WD-W0968	40mm Dia GI Pipe	1RM	965.74
WD-W0969	50mm Dia GI Pipe	1RM	1191.98
WD-W0970	65mm Dia GI Pipe	1RM	1789.38
WD-W0971	80mm Dia GI Pipe	1RM	2142.72
WD-W0972	100mm Dia GI Pipe	1RM	2958.28
WD-W0973	125mm Dia GI Pipe	1RM	3932.82
2	Replacement of Underground Utilities (PVC Pipe) damaged during earthwork excavation for pipe laying works including cost of additional earthwork excavation in all soil strata, including BT/CC road cutting, removal of slushy soil and replacing the pipeline with sound pipe, including supply and delivery of PVC pipes, couplers, jointing materials and required specials, cutting, conveying, laying, jointing and cost of refilling for the additional earthwork etc complete and as directed by the TWAD board officers.		
WD-W0974	15mm Dia PVC Pipe (10 KSC)	1RM	318.91
WD-W0975	20mm Dia PVC Pipe (10 KSC)	1RM	328.88
WD-W0976	25mm Dia PVC Pipe (10 KSC)	1RM	349.87
WD-W0977	32mm Dia PVC Pipe (10 KSC)	1RM	375.65
WD-W0978	40mm Dia PVC Pipe (10 KSC)	1RM	421.1

WD-W0979	50mm Dia PVC Pipe (10KSC)	1RM	388.06
WD-W0980	63mm Dia PVC Pipe (10KSC)	1RM	443.19
WD-W0981	75mm Dia PVC Pipe (10KSC)	1RM	490.19
WD-W0982	90mm Dia PVC Pipe (10KSC)	1RM	592.33
WD-W0983	110mm Dia PVC Pipe (10KSC)	1RM	846.88
WD-W0984	140mm Dia PVC Pipe (10KSC)	1RM	1184.64
WD-W0985	160mm Dia PVC Pipe (10KSC)	1RM	1409.48
WD-W0986	180mm Dia PVC Pipe (10KSC)	1RM	1756.01
WD-W0987	200mm Dia PVC Pipe (10KSC)	1RM	2249.54
3	Replacement of Underground Utilities (PVC Pipe) damaged during earthwork excavation for pipe laying works including cost of additional earthwork excavation in all soil strata, including BT/CC road cutting, removal of slushy soil and replacing the pipeline with sound pipe, including supply and delivery of PVC pipes, couplers, jointing materials and required specials, cutting, conveying , laying, jointing and cost of refilling for the additional earthwork etc complete and as directed by the TWAD board officers.		
WD-W0988	50mm Dia PVC Pipe (6KSC)	1RM	350.99
WD-W0989	63mm Dia PVC Pipe (6KSC)	1RM	387.36
WD-W0990	75mm Dia PVC Pipe (6KSC)	1RM	425.33
WD-W0991	90mm Dia PVC Pipe (6KSC)	1RM	482.86
WD-W0992	110mm Dia PVC Pipe (6KSC)	1RM	659.28
WD-W0993	140mm Dia PVC Pipe (6KSC)	1RM	857.58
WD-W0994	160mm Dia PVC Pipe (6KSC)	1RM	1018.24
WD-W0995	180mm Dia PVC Pipe (6KSC)	1RM	1295.07
WD-W0996	200mm Dia PVC Pipe (6KSC)	1RM	1638.34

4	Replacement of Underground Utilities (PVC Pipe) damaged during earthwork excavation for pipe laying works including cost of additional earthwork excavation in all soil strata, including BT/CC road cutting, removal of slushy soil and replacing the pipeline with sound pipe, including supply and delivery of PVC pipes, couplers, jointing materials and required specials, cutting, conveying , laying, jointing and cost of refilling for the additional earthwork etc complete and as directed by the TWAD board officers.		
WD-W0997	63mm Dia PVC Pipe (4KSC)	1RM	360.43
WD-W0998	75mm Dia PVC Pipe (4KSC)	1RM	385.53
WD-W0999	90mm Dia PVC Pipe (4KSC)	1RM	424.03
WD-W1000	110mm Dia PVC Pipe (4KSC)	1RM	581.21
WD-W1001	140mm Dia PVC Pipe (4KSC)	1RM	714.58
WD-W1002	160mm Dia PVC Pipe (4KSC)	1RM	829.48
WD-W1003	180mm Dia PVC Pipe (4KSC)	1RM	1066.41
WD-W1004	200mm Dia PVC Pipe (4KSC)	1RM	1290.74
5	Replacement of Underground Utilities (AC Pipe) damaged during earthwork excavation for pipe laying works including cost of additional earthwork excavation in all soil strata, including BT/CC road cutting, removal of slushy soil and replacing the pipeline with next available higher size PVC pipe, including supply and delivery of PVC pipes, couplers, jointing materials and required specials, cutting, conveying , laying, jointing and cost of refilling for the additional earthwork etc complete and as directed by the TWAD board officers.		
WD-W1005	80mm Dia AC Pipe	1RM	786.21
WD-W1006	100mm Dia AC Pipe	1RM	1004.32
WD-W1007	125mm Dia AC Pipe	1RM	1406.83
6	Replacement of Underground Utilities (AC Pipe) damaged during Earthwork excavation for pipe laying works including cost of additional earthwork excavation in all soil strata, including BT/CC road cutting , removal of slushy soil and replacing the pipeline with sound DI s/s pipe, including supply and delivery of DI s/s pipes, D/S collars, jointing materials and required specials, cutting, conveying , laying, jointing and cost of refilling for the additional earthwork etc complete and as directed by the TWAD board officers.		
WD-W1008	150mm Dia AC Pipe	1RM	3686.97
WD-W1009	200mm Dia AC Pipe	1RM	4562.93

WD-W1010	250mm Dia AC Pipe	1RM	5576.85
WD-W1011	300mm Dia AC Pipe	1RM	6665.25
WD-W1012	350mm Dia AC Pipe	1RM	7854.17
WD-W1013	400mm Dia AC Pipe	1RM	9192.62
7	Replacement of Underground Utilities (HDPE Pipes) damaged during Earthwork excavations for pipe laying works including cost of additional earthwork excavation in all soils, including BT cutting, CC roads , removal of slushy soil and replacing the pipeline with sound pipe, including supply and delivery of HDPE pipes, couplers, jointing materials and required specials, cutting, threading, conveying , laying, jointing and cost of refilling for the additional earthwork etc complete and as directed by the TWAD board officers.		
WD-W1014	50mm Dia HDPE Pipe	1RM	507.03
WD-W1015	63mm Dia HDPE Pipe	1RM	584.35
WD-W1016	75mm Dia HDPE Pipe	1RM	669.67
WD-W1017	90mm Dia HDPE Pipe	1RM	787.89
WD-W1018	110mm Dia HDPE Pipe	1RM	1064.47
WD-W1019	125mm Dia HDPE Pipe	1RM	1208.70
WD-W1020	140mm Dia HDPE Pipe	1RM	1371.52
WD-W1021	160mm Dia HDPE Pipe	1RM	1610.74
WD-W1022	200mm Dia HDPE Pipe	1RM	2214.64

**CHENNAI METROPOLITAN
WATER SUPPLY AND
SEWERAGE BOARD
(CMWSSB)**

Structure for Unique Item Codes

Item Code	Item Type
MW	Chennai Metropolitan Water Supply and Sewerage Board
L	Labour
M	Materials
W	Works

Note:

Unique item codes in the Schedule of Rates are to be referenced during estimate preparation. The unique code follows a structure "MW-A1234" mentioned in the 'Unique Code' column in each sheet

CHENNAI METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD

Unique Code	Description	Unit	2024-25 Rate
A - RATES OF LABOUR			
MW-L0001	Watchman	Day	546.00
B - RATES OF MATERIALS			
	Materials for Pipeline Works		
MW-M0001	C.I. spun pipes as per IS 1536/2001 IS 1536/2001 Class LA - 800mm dia	Metre	34505.00
MW-M0002	C.I. spun pipes as per IS 1536/2001 IS 1536/2001 Class LA - 900mm dia	Metre	41773.00
MW-M0003	C.I. spun pipes as per IS 1536/2001 IS 1536/2001 Class LA - 1000mm dia	Metre	49945.00
MW-M0004	C.I. spun pipes as per IS 1536/2001 IS 1536/2001 Class A - 800mm dia	Metre	37551.00
MW-M0005	C.I. spun pipes as per IS 1536/2001 IS 1536/2001 Class A - 900mm dia	Metre	45547.00
MW-M0006	C.I. spun pipes as per IS 1536/2001 IS 1536/2001 Class A - 1000mm dia	Metre	54543.00
MW-M0007	C.I. spun pipes as per IS 1536/2001 IS 1536/2001 Class B - 800mm dia	Metre	40524.00
MW-M0008	C.I. spun pipes as per IS 1536/2001 IS 1536/2001 Class B - 900mm dia	Metre	49250.00
MW-M0009	C.I. spun pipes as per IS 1536/2001 IS 1536/2001 Class B - 1000mm dia	Metre	58851.00
MW-M0010	CI D/F SPECIALS & S/S SPECIALS AS PER IS 1538/1986 Standard (Socket fitting) 800 mm to 900 mm	kg	218.00
MW-M0011	CI D/F SPECIALS & S/S SPECIALS AS PER IS 1538/1986 Standard (Socket fitting) 1000 mm	kg	236.00
MW-M0012	CI D/F SPECIALS & S/S SPECIALS AS PER IS 1538/1986 Standard (Flange fitting) 800 mm to 1000 mm	kg	236.00
MW-M0013	Double Wall Corrugated (DWC) Structured Wall Polyethylene Piping Systems as per IS-16098 (Part-2) type B - PIPES FOR UGSS - as per IS-16098 (Part-2) type B - 400mm ID SN 8 pipeII QuarterII Quarter	Metre	1728.90
MW-M0014	Double Wall Corrugated (DWC) Structured Wall Polyethylene Piping Systems as per IS-16098 (Part-2) type B - PIPES FOR UGSS - as per IS-16098 (Part-2) type B - 500mm ID SN 8 pipeII QuarterII Quarter	Metre	2749.20
MW-M0015	Double Wall Corrugated (DWC) Structured Wall Polyethylene Piping Systems as per IS-16098 (Part-2) type B - PIPES FOR UGSS - as per IS-16098 (Part-2) type B - 600mm ID SN 8 pipeII QuarterII Quarter	Metre	4397.20

Unique Code	Description	Unit	2024-25 Rate
MW-M0016	HDPE pipes for sewerage PE 100 PN 6 conforming to IS : 14333/1996 (amended in 2009) - 800 mm/ PN.6/HDPE Pipe 'ISI' (PE 100 Grade)II QuarterII Quarter	Metre	16720.10
MW-M0017	HDPE pipes for sewerage PE 100 PN 6 conforming to IS : 14333/1996 (amended in 2009) - 900 mm/ PN.6/HDPE Pipe 'ISI' (PE 100 Grade)II QuarterII Quarter	Metre	21159.60
MW-M0018	HDPE pipes for sewerage PE 100 PN 6 conforming to IS : 14333/1996 (amended in 2009) - 1000 mm/ PN.6/HDPE Pipe 'ISI' (PE 100 Grade)II QuarterII Quarter	Metre	26807.60
MW-M0019	Mechanical Joint Collars - 700mm	Each	52277.00
MW-M0020	Mechanical Joint Collars - 750mm	Each	63218.00
MW-M0021	Mechanical Joint Collars - 800mm	Each	109416.00
MW-M0022	Mechanical Joint Collars - 900mm	Each	125046.00
MW-M0023	Mechanical Joint Collars - 1000mm	Each	156309.00
MW-M0024	Supply of EPDM rubber gaskets- 80mm	Nos.	99.00
MW-M0025	Supply of EPDM rubber gaskets- 100mm	Nos.	115.00
MW-M0026	Supply of EPDM rubber gaskets- 125mm	Nos.	132.00
MW-M0027	Supply of EPDM rubber gaskets- 150mm	Nos.	162.00
MW-M0028	Supply of EPDM rubber gaskets- 200mm	Nos.	252.00
MW-M0029	Supply of EPDM rubber gaskets- 250mm	Nos.	358.00
MW-M0030	Supply of EPDM rubber gaskets- 300mm	Nos.	481.00
MW-M0031	Supply of EPDM rubber gaskets- 350mm	Nos.	548.00
MW-M0032	Supply of EPDM rubber gaskets- 400mm	Nos.	765.00
MW-M0033	Supply of EPDM rubber gaskets- 450mm	Nos.	850.00
MW-M0034	Supply of EPDM rubber gaskets- 500mm	Nos.	1117.00
MW-M0035	Supply of EPDM rubber gaskets- 600mm	Nos.	1453.00
MW-M0036	Supply of EPDM rubber gaskets- 700mm	Nos.	2067.00
MW-M0037	Supply of EPDM rubber gaskets- 750mm	Nos.	2423.00
MW-M0038	Supply of EPDM rubber gaskets- 800mm	Nos.	2651.00
MW-M0039	Supply of EPDM rubber gaskets- 900mm	Nos.	2907.00
MW-M0040	Supply of EPDM rubber gaskets- 1000mm	Nos.	3800.00

Unique Code	Description	Unit	2024-25 Rate
	Sluice Gate, Foot Valve and Other Materials		
MW-M0041	CI Sluice gate of Single Face (Class-I)- 200 x 200mm	Nos.	76484.00
MW-M0042	CI Sluice gate of Single Face (Class-I)- 250 x 250mm	Nos.	97341.00
MW-M0043	CI Sluice gate of Single Face (Class-I)- 300 x 300mm	Nos.	128631.00
MW-M0044	CI Sluice gate of Single Face (Class-I)- 350 x 350mm	Nos.	159918.00
MW-M0045	CI Sluice gate of Single Face (Class-I)- 400 x 400mm	Nos.	191209.00
MW-M0046	CI Sluice gate of Single Face (Class-I)- 450 x 450mm	Nos.	236399.00
MW-M0047	CI Sluice gate of Single Face (Class-I)- 500 x 500mm	Nos.	253781.00
MW-M0048	CI Sluice gate of Single Face (Class-I)- 600 x 600mm	Nos.	285072.00
MW-M0049	CI Sluice gate of Single Face (Class-I)- 700 x 700mm	Nos.	350777.00
MW-M0050	CI Sluice gate of Single Face (Class-I)- 750 x 750mm	Nos.	410222.00
MW-M0051	CI Sluice gate of Single Face (Class-I)- 800 x 800mm	Nos.	504089.00
MW-M0052	CI Sluice gate of Single Face (Class-I)- 900 x 900mm	Nos.	660530.00
MW-M0053	CI Sluice gate of Single Face (Class-I)- 1000 x 1000mm	Nos.	785682.00
MW-M0054	CI Sluice gate of Single Face (Class-I)- 1100 x 1100mm	Nos.	816971.00
MW-M0055	CI Sluice gate of Single Face (Class-I)- 1200 x 1200mm	Nos.	910836.00
MW-M0056	CI Sluice gate of Single Face (Class-I)- 1400 x 1400mm	Nos.	1129853.00
MW-M0057	CI Sluice gate of Single Face (Class-I)- 1500 x 1500mm	Nos.	1192431.00
MW-M0058	CI Sluice gate of Single Face (Class-I)- 1600 x 1600mm	Nos.	1467071.00
MW-M0059	Beveal gear	Nos.	25437.00
MW-M0060	Extension rod MS/EN 8	Rm	10901.00
MW-M0061	Extension rod SS-304	Rm	17443.00
MW-M0062	Extension rod SS-316	Rm	26165.00

Unique Code	Description	Unit	2024-25 Rate
MW-M0063	CI foot valve as per IS 4038 with CI/MS Strainer -50mm	Nos.	4652.00
MW-M0064	CI foot valve as per IS 4038 with CI/MS Strainer -80mm	Nos.	6977.00
MW-M0065	CI foot valve as per IS 4038 with CI/MS Strainer -100mm	Nos.	9303.00
MW-M0066	CI foot valve as per IS 4038 with CI/MS Strainer -125mm	Nos.	11629.00
MW-M0067	CI foot valve as per IS 4038 with CI/MS Strainer -150mm	Nos.	14730.00
MW-M0068	CI foot valve as per IS 4038 with CI/MS Strainer -200mm	Nos.	27965.00
MW-M0069	CI foot valve as per IS 4038 with CI/MS Strainer -250mm	Nos.	40701.00
MW-M0070	CI foot valve as per IS 4038 with CI/MS Strainer -300mm	Nos.	49423.00
MW-M0071	CI foot valve as per IS 4038 with CI/MS Strainer -350mm	Nos.	75588.00
MW-M0072	CI foot valve as per IS 4038 with CI/MS Strainer -400mm	Nos.	102722.00
MW-M0073	CI foot valve as per IS 4038 with CI/MS Strainer -450mm	Nos.	132763.00
MW-M0074	CI foot valve as per IS 4038 with CI/MS Strainer -500mm	Nos.	149238.00
MW-M0075	CI foot valve as per IS 4038 with CI/MS Strainer -600mm	Nos.	186063.00
MW-M0076	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 4" Dia, 400mm width	Nos.	5832.00
MW-M0077	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 4" Dia, 600mm width	Nos.	9582.00
MW-M0078	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 4" Dia, 800mm width	Nos.	12776.00
MW-M0079	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 4" Dia, 1000mm width	Nos.	15971.00
MW-M0080	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 4" Dia, 1200mm width	Nos.	19164.00

Unique Code	Description	Unit	2024-25 Rate
MW-M0081	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 6" Dia, 400mm width	Nos.	6893.00
MW-M0082	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 6" Dia, 600mm width	Nos.	11325.00
MW-M0083	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 6" Dia, 800mm width	Nos.	15099.00
MW-M0084	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 6" Dia, 1000mm width	Nos.	18874.00
MW-M0085	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 6" Dia, 1200mm width	Nos.	22648.00
MW-M0086	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 8" Dia, 400mm width	Nos.	8641.00
MW-M0087	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 8" Dia, 600mm width	Nos.	13394.00
MW-M0088	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 8" Dia, 800mm width	Nos.	17864.00
MW-M0089	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 8" Dia, 1000mm width	Nos.	22333.00
MW-M0090	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 8" Dia, 1200mm width	Nos.	26790.00
MW-M0091	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 10" Dia, 400mm width	Nos.	9412.00
MW-M0092	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 10" Dia, 600mm width	Nos.	15465.00
MW-M0093	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 10" Dia, 800mm width	Nos.	20616.00

Unique Code	Description	Unit	2024-25 Rate
MW-M0094	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 10" Dia, 1000mm width	Nos.	25780.00
MW-M0095	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 10" Dia, 1200mm width	Nos.	30931.00
MW-M0096	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 12" Dia, 400mm width	Nos.	10074.00
MW-M0097	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 12" Dia, 600mm width	Nos.	16551.00
MW-M0098	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 12" Dia, 800mm width	Nos.	22068.00
MW-M0099	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 12" Dia, 1000mm width	Nos.	27585.00
MW-M0100	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 12" Dia, 1200mm width	Nos.	33103.00
MW-M0101	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 14" Dia, 400mm width	Nos.	11135.00
MW-M0102	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 14" Dia, 600mm width	Nos.	18293.00
MW-M0103	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 14" Dia, 800mm width	Nos.	24391.00
MW-M0104	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 14" Dia, 1000mm width	Nos.	30489.00
MW-M0105	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 14" Dia, 1200mm width	Nos.	36587.00
MW-M0106	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 16" Dia, 400mm width	Nos.	11866.00

Unique Code	Description	Unit	2024-25 Rate
MW-M0107	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 16" Dia, 600mm width	Nos.	19492.00
MW-M0108	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 16" Dia, 800mm width	Nos.	25994.00
MW-M0109	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 16" Dia, 1000mm width	Nos.	32495.00
MW-M0110	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 16" Dia, 1200mm width	Nos.	38986.00
MW-M0111	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 18" Dia, 400mm width	Nos.	12925.00
MW-M0112	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 18" Dia, 600mm width	Nos.	21235.00
MW-M0113	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 18" Dia, 800mm width	Nos.	28317.00
MW-M0114	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 18" Dia, 1000mm width	Nos.	35400.00
MW-M0115	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 18" Dia, 1200mm width	Nos.	42470.00
MW-M0116	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 20" Dia, 400mm width	Nos.	14184.00
MW-M0117	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 20" Dia, 600mm width	Nos.	23306.00
MW-M0118	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 20" Dia, 800mm width	Nos.	31070.00
MW-M0119	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 20" Dia, 1000mm width	Nos.	38846.00

Unique Code	Description	Unit	2024-25 Rate
MW-M0120	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Single section SS Clamp- 20" Dia, 1200mm width	Nos.	46610.00
MW-M0121	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 550nb, 600mm width	Nos.	27572.00
MW-M0122	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 550nb, 800mm width	Nos.	41814.00
MW-M0123	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 550nb, 1000mm width	Nos.	52266.00
MW-M0124	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 550nb, 1200mm width	Nos.	62719.00
MW-M0125	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 600nb, 600mm width	Nos.	33103.00
MW-M0126	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 600nb, 800mm width	Nos.	44136.00
MW-M0127	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 600nb, 1000mm width	Nos.	55170.00
MW-M0128	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 600nb, 1200mm width	Nos.	66204.00
MW-M0129	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 650nb, 600mm width	Nos.	34265.00
MW-M0130	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 650nb, 800mm width	Nos.	45739.00
MW-M0131	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 650nb, 1000mm width	Nos.	57139.00
MW-M0132	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 650nb, 1200mm width	Nos.	68527.00

Unique Code	Description	Unit	2024-25 Rate
MW-M0133	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 700nb, 600mm width	Nos.	36006.00
MW-M0134	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 700nb, 800mm width	Nos.	48063.00
MW-M0135	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 700nb, 1000mm width	Nos.	60043.00
MW-M0136	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 700nb, 1200mm width	Nos.	72011.00
MW-M0137	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 750nb, 600mm width	Nos.	37168.00
MW-M0138	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 750nb, 800mm width	Nos.	49590.00
MW-M0139	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 750nb, 1000mm width	Nos.	62000.00
MW-M0140	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 750nb, 1200mm width	Nos.	74335.00
MW-M0141	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 800nb, 600mm width	Nos.	38480.00
MW-M0142	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 800nb, 800mm width	Nos.	51396.00
MW-M0143	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 800nb, 1000mm width	Nos.	64172.00
MW-M0144	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 800nb, 1200mm width	Nos.	76948.00
MW-M0145	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 850nb, 600mm width	Nos.	47911.00

Unique Code	Description	Unit	2024-25 Rate
MW-M0146	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 850nb, 800mm width	Nos.	63881.00
MW-M0147	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 850nb, 1000mm width	Nos.	79852.00
MW-M0148	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 850nb, 1200mm width	Nos.	95822.00
MW-M0149	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 900nb, 600mm width	Nos.	49363.00
MW-M0150	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 900nb, 800mm width	Nos.	65850.00
MW-M0151	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 900nb, 1000mm width	Nos.	82326.00
MW-M0152	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 900nb, 1200mm width	Nos.	98726.00
MW-M0153	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 1000nb, 600mm width	Nos.	54009.00
MW-M0154	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 1000nb, 800mm width	Nos.	72011.00
MW-M0155	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 1000nb, 1000mm width	Nos.	90015.00
MW-M0156	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 1000nb, 1200mm width	Nos.	108017.00

Unique Code	Description	Unit	2024-25 Rate
MW-M0157	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 1100nb, 600mm width	Nos.	65333.00
MW-M0158	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 1100nb, 800mm width	Nos.	87111.00
MW-M0159	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 1100nb, 1000mm width	Nos.	108890.00
MW-M0160	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 1100nb, 1200mm width	Nos.	130667.00
MW-M0161	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 1200nb, 600mm width	Nos.	72592.00
MW-M0162	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 1200nb, 800mm width	Nos.	96844.00
MW-M0163	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 1200nb, 1000mm width	Nos.	121020.00
MW-M0164	Supply and delivery of Leak Arresting Flexible SS Clamps- Suitable for MS/CI/DI Pipes - Double section SS Clamp- 1200nb, 1200mm width	Nos.	145185.00
	Materials for Electrical Items		
MW-M0165	2 core 4 sq.mm Aluminium conductor PVC insulated LTUG cable	Metre	75.00
MW-M0166	3 core 2.5 sq.mm copper conductor PVC insulated LTUG cable	Metre	88.00
MW-M0167	Mild Steel Rolled Steel Joist Channel	kg	74.00
MW-M0168	Fire safety rules chart	Nos.	113.00

Unique Code	Description	Unit	2024-25 Rate
MW-M0169	Caution / Danger Board	Nos.	98.00
MW-M0170	11KV substation equipments - Lightning Arrestor	Each	7416.00
MW-M0171	11KV substation equipments - gang operated AB switches	Each	32136.00
MW-M0172	11KV substation equipments - horn gap fuses	Each	7217.00
MW-M0173	DG 625 kVA with Standard Panel	Each	4136480.00
MW-M0174	DG 750 kVA with Standard Panel	Each	5919410.00
MW-M0175	DG 800 kVA with Standard Panel	Each	6513720.00
MW-M0176	DG 1000 kVA with Standard Panel	Each	7806370.00
MW-M0177	DG 320 kVA with AMF Panel	Each	2317500.00
MW-M0178	DG 380 kVA with AMF Panel	Each	3191970.00
MW-M0179	DG 400 kVA with AMF Panel	Each	4297160.00
MW-M0180	DG 500 kVA with AMF Panel	Each	4328060.00
MW-M0181	DG 625 kVA with AMF Panel	Each	4892500.00
MW-M0182	DG 750 kVA with AMF Panel	Each	5623800.00
MW-M0183	DG 800 kVA with AMF Panel	Each	6429260.00
MW-M0184	DG 1000 kVA with AMF Panel	Each	9893150.00
MW-M0185	Variable Frequency Drives (VFD) for motors 20HP - 50HP	Each	244011.00
MW-M0186	Variable Frequency Drives (VFD) for motors 50HP - 75HP	Each	305688.00
MW-M0187	Variable Frequency Drives (VFD) for motors 75HP - 100HP	Each	350551.00
MW-M0188	Variable Frequency Drives (VFD) for motors 100HP - 120HP	Each	398642.00
MW-M0189	Variable Frequency Drives (VFD) for motors 120HP - 125HP	Each	449090.00
MW-M0190	Variable Frequency Drives (VFD) for motors 125HP - 140HP	Each	449090.00

Unique Code	Description	Unit	2024-25 Rate
MW-M0191	Variable Frequency Drives (VFD) for motors 140HP - 150HP	Each	506957.00
MW-M0192	Variable Frequency Drives (VFD) for motors 150HP - 175HP	Each	506957.00
MW-M0193	Variable Frequency Drives (VFD) for motors 175HP - 240HP	Each	626426.00
MW-M0194	Variable Frequency Drives (VFD) for motors 240HP - 250HP	Each	626426.00
MW-M0195	Variable Frequency Drives (VFD) for motors 250HP - 275HP	Each	676539.00
MW-M0196	Variable Frequency Drives (VFD) for motors 275HP - 280HP	Each	676539.00
MW-M0197	Variable Frequency Drives (VFD) for motors 280HP - 300HP	Each	701597.00
MW-M0198	Variable Frequency Drives (VFD) for motors 300HP - 320HP	Each	1655416.00
MW-M0199	Variable Frequency Drives (VFD) for motors 320HP - 350HP	Each	1655416.00
MW-M0200	Variable Frequency Drives (VFD) for motors 350HP - 430HP	Each	2356011.00
MW-M0201	Variable Frequency Drives (VFD) for motors 430HP - 500HP	Each	2743966.00
MW-M0202	Variable Frequency Drives (VFD) for motors 500HP - 630HP	Each	3029963.00
MW-M0203	Variable Frequency Drives (VFD) for motors 630HP - 700HP	Each	3292519.00
	Chemicals		
MW-M0204	Liquid Chlorine	MT	2400.00
MW-M0205	Bleaching Powder	MT	13200.00
MW-M0206	Alum	MT	9600.00
MW-M0207	Sodium Hypochlorite Solution	Lit	3.49
MW-M0208	Hydrated Lime	MT	10500.00
MW-M0209	Lime Stone Powder	MT	1322.00

Unique Code	Description	Unit	2024-25 Rate
	Plumbing Materials		
MW-M0210	Gun Metal Check Valve (15mm)	Nos.	214.00
MW-M0211	Gun Metal Check Valve (20mm)	Nos.	322.00
MW-M0212	Gun Metal Check Valve (25mm)	Nos.	439.00
MW-M0213	Gun Metal Check Valve (32mm)	Nos.	697.00
MW-M0214	Gun Metal Check Valve (40mm)	Nos.	857.00
MW-M0215	Gun Metal Check Valve (50mm)	Nos.	1243.00
MW-M0216	Gun Metal Wheel Valve (Heavy Duty) 50mm dia	Nos.	937.00
MW-M0217	15mm dia Gun Metal Gate Valve (Heavy Duty)	Nos.	294.00
MW-M0218	Gun Metal Foot Valve (15mm)	Nos.	142.00
MW-M0219	Gun Metal Foot Valve (20mm)	Nos.	222.00
MW-M0220	Gun Metal Foot Valve (25mm)	Nos.	258.00
MW-M0221	Gun Metal Foot Valve (32mm)	Nos.	391.00
MW-M0222	Gun Metal Foot Valve (40mm)	Nos.	522.00
MW-M0223	Gun Metal Foot Valve (50mm)	Nos.	655.00
MW-M0224	Ball valve (15mm) (Polypropylene with teflan seating)	Nos.	448.00
MW-M0225	Ball valve (20mm) (Polypropylene with teflan seating)	Nos.	606.00
MW-M0226	Ball valve (25mm) (Polypropylene with teflan seating)	Nos.	924.00
MW-M0227	Ball valve (32mm) (Polypropylene with teflan seating)	Nos.	1477.00
MW-M0228	Ball valve (40mm) (Polypropylene with teflan seating)	Nos.	2359.00
MW-M0229	Ball valve (50mm) (Polypropylene with teflan seating)	Nos.	3744.00
MW-M0230	Brass Chromium Plated Screw Down Tap 20mm dia (Heavy Type)	Nos.	342.00
MW-M0231	C.P. Flush cock (15mm)	Nos.	253.00
MW-M0232	C.P. Flush cock (20mm)	Nos.	289.00

Unique Code	Description	Unit	2024-25 Rate
MW-M0233	C.P. Flush cock (25mm)	Nos.	361.00
MW-M0234	Stop cock for HSC WSS works- 32mm (1")	Nos.	189.00
MW-M0235	Stop cock for HSC WSS works- 25mm (3/4")	Nos.	159.00
MW-M0236	Stop cock for HSC WSS works- 20mm (1/2")	Nos.	124.00
	Miscellaneous Materials		
MW-M0237	CI Steps	E	461.00
MW-M0238	Stainless steel (Grade SS304)	kg	268.00
MW-M0239	Stainless steel (Grade SS316)	kg	310.00
MW-M0240	Crude Oil	Lit.	33.00
MW-M0241	Reaper nails (40mm long)	kg	103.00
MW-M0242	Black Board paint	Lit.	307.00
MW-M0243	100mm dia. M.S Iron clamp	E	34.00
MW-M0244	Pad lock 75 cm long handle brass	Nos.	125.00
MW-M0245	Tin Oxide	kg	44.00
MW-M0246	Stoneware Stopper (100mm)	Nos.	71.00
MW-M0247	MS pipe 6m long, 150mm dia for Ventilating Columns with CI Base	Nos.	44780.00
MW-M0248	Hire charges for chain pulley block (upto 5 Tonne)	Day	976.00
MW-M0249	Bitumen	MT	50258.00
MW-M0250	Diesel Filling Pump (Hand operated)	No	937.00
MW-M0251	Measuring Dip Rod (MS) (for measuring 200 ltr. standard Barrel)	No	569.00

Unique Code	Description	Unit	2024-25 Rate
MW-M0252	Various sizes of galvanised MS bolts with nuts & washers used for foundations, flanged joints, electric panel works, etc.	kg	34.00
	RATES OF WORKS		
	Topographical survey and GIS Mapping works		
MW-W0001	Establishment of Permanent Bench Mark The Permanent Bench Mark (PBM) shall be created by engraving point values in black granite plaque of minimum size 30cm x 25cm x 10cm and suitably fixed on a Concrete Pillar measuring 60cm x 30cm x 30cm, height, width and breadth dimension. 40cm of the pillar should be within the suitably formed platform and 20cm must be protruding outside. This would be treated as a permanent Benchmark with relative height with reference to MSL marked on it.	Each	6471.00
MW-W0002	Establishment of Static GCP The Contractor must obtain the existing permanent benchmark from CMWSSB which should be considered as the control point with known coordinates X,Y and Z. The Static GCP must be established from this PBM using Triangulation network method and frog and leap method for linear areas. The Contractor must strictly avoid Radial offset method. If the PBM is not available with CMWSSB within the Area of interest (AoI), the contractor must procure the nearby Survey of India, GTS Benchmark available to establish the Static GCP of the project location using the above- mentioned methods only. Survey consultant to ensure the closing error is within permissible limits (SOI Standards) while transferring the levels from nearest SOI GTS BM to the PBMs and the same to be presented as a report. The DGPS base line report network triangulation adjustment the raw data report and RINEX format, OEM original nativity format. (.dbx, .t04, .t02, .gns, .hen) must be submitte. The same process shall be adopted for random verification of geometric accuracy of points established using the PBMs as base.	Each	4664.00

Unique Code	Description	Unit	2024-25 Rate
MW-W0003	As built survey for every sewage and water pipeline and other assets must be done using DGPS based RTK method by transferring the coordinates from the nearest Static GCP of CMWSSB and establishing TBMs for the project area as instructed by CMWSSB Engineer. Where there are signal interruptions for the RTK method, Total Station can be used. The coordinates from the static GCP shall be transferred to the Total Station by RTK method and the co- ordinates of the assets can then be captured by Total Station. While surveying by RTK method, it shall be ensured that the values are captured by "fixed" status. The DGPS RTK survey report including "fixed" or "float" for the coordinates captured and horizontal & vertical precision with raw data in OEM nativity file format like (.mdb, .jxl, .tet, etc) shall be submitted. All the features, attributes of all the assets, utilities captured shall be Geo referenced as per standard Coordinate reference system (WGS 84 UTM Zone 44N). The final base map with assets and utilities shall be furnished in (.shp) format. The geo referenced assets and utilities along with the attributes (as specified by the GIS Wing, CMWSSB) shall be converted into proper geo database (FGDB / PGDB) with the attributes. One set Hard and Soft Copy of all the CMWSSB assets and utility has to be prepared category wise network wise in A0 Print for verification in a print scale of 1:1000 in A0 plot, with standard legends in international and NUIS standards and should be legible and three sets of final Hard Copy in A0 print. For the Underground / Surface Assets along the roads for the distance of less than 2 km	km	23100.00

Unique Code	Description	Unit	2024-25 Rate
MW-W0004	As built survey for every sewage and water pipeline and other assets must be done using DGPS based RTK method by transferring the coordinates from the nearest Static GCP of CMWSSB and establishing TBMs for the project area as instructed by CMWSSB Engineer. Where there are signal interruptions for the RTK method, Total Station can be used. The coordinates from the static GCP shall be transferred to the Total Station by RTK method and the co-ordinates of the assets can then be captured by Total Station. While surveying by RTK method, it shall be ensured that the values are captured by "fixed" status. The DGPS RTK survey report including "fixed" or "float" for the coordinates captured and horizontal & vertical precision with raw data in OEM nativity file format like (.mdb, .jxl, .tet, etc) shall be submitted. All the features, attributes of all the assets, utilities captured shall be Geo referenced as per standard Coordinate reference system (WGS 84 UTM Zone 44N). The final base map with assets and utilities shall be furnished in (.shp) format. The geo referenced assets and utilities along with the attributes (as specified by the GIS Wing, CMWSSB) shall be converted into proper geo database (FGDB / PGDB) with the attributes. One set Hard and Soft Copy of all the CMWSSB assets and utility has to be prepared category wise network wise in A0 Print for verification in a print scale of 1:1000 in A0 plot, with standard legends in international and NUIS standards and should be legible and three sets of final Hard Copy in A0 print. For the Underground / Surface Assets along the roads for the distance above 2 km & upto 5km	km	19822.00

Unique Code	Description	Unit	2024-25 Rate
MW-W0005	As built survey for every sewage and water pipeline and other assets must be done using DGPS based RTK method by transferring the coordinates from the nearest Static GCP of CMWSSB and establishing TBMs for the project area as instructed by CMWSSB Engineer. Where there are signal interruptions for the RTK method, Total Station can be used. The coordinates from the static GCP shall be transferred to the Total Station by RTK method and the co- ordinates of the assets can then be captured by Total Station. While surveying by RTK method, it shall be ensured that the values are captured by "fixed" status. The DGPS RTK survey report including "fixed" or "float" for the coordinates captured and horizontal & vertical precision with raw data in OEM nativity file format like (.mdb, .jxl, .tet, etc) shall be submitted. All the features, attributes of all the assets, utilities captured shall be Geo referenced as per standard Coordinate reference system (WGS 84 UTM Zone 44N). The final base map with assets and utilities shall be furnished in (.shp) format. The geo referenced assets and utilities along with the attributes (as specified by the GIS Wing, CMWSSB) shall be converted into proper geo database (FGDB / PGDB) with the attributes. One set Hard and Soft Copy of all the CMWSSB assets and utility has to be prepared category wise network wise in A0 Print for verification in a print scale of 1:1000 in A0 plot, with standard legends in international and NUIS standards and should be legible and three sets of final Hard Copy in A0 print. For the Underground / Surface Assets along the roads for the distance above 5 km & upto 15 km	km	17490.00

Unique Code	Description	Unit	2024-25 Rate
MW-W0006	As built survey for every sewage and water pipeline and other assets must be done using DGPS based RTK method by transferring the coordinates from the nearest Static GCP of CMWSSB and establishing TBMs for the project area as instructed by CMWSSB Engineer. Where there are signal interruptions for the RTK method, Total Station can be used. The coordinates from the static GCP shall be transferred to the Total Station by RTK method and the co- ordinates of the assets can then be captured by Total Station. While surveying by RTK method, it shall be ensured that the values are captured by "fixed" status. The DGPS RTK survey report including "fixed" or "float" for the coordinates captured and horizontal & vertical precision with raw data in OEM nativity file format like (.mdb, .jxl, .tet, etc) shall be submitted. All the features, attributes of all the assets, utilities captured shall be Geo referenced as per standard Coordinate reference system (WGS 84 UTM Zone 44N). The final base map with assets and utilities shall be furnished in (.shp) format. The geo referenced assets and utilities along with the attributes (as specified by the GIS Wing, CMWSSB) shall be converted into proper geo database (FGDB / PGDB) with the attributes. One set Hard and Soft Copy of all the CMWSSB assets and utility has to be prepared category wise network wise in A0 Print for verification in a print scale of 1:1000 in A0 plot, with standard legends in international and NUIS standards and should be legible and three sets of final Hard Copy in A0 print. For the Underground / Surface Assets along the roads for the distance above 15 km & upto 50 km	km	15158.00

Unique Code	Description	Unit	2024-25 Rate
MW-W0007	As built survey for every sewage and water pipeline and other assets must be done using DGPS based RTK method by transferring the coordinates from the nearest Static GCP of CMWSSB and establishing TBMs for the project area as instructed by CMWSSB Engineer. Where there are signal interruptions for the RTK method, Total Station can be used. The coordinates from the static GCP shall be transferred to the Total Station by RTK method and the co-ordinates of the assets can then be captured by Total Station. While surveying by RTK method, it shall be ensured that the values are captured by "fixed" status. The DGPS RTK survey report including "fixed" or "float" for the coordinates captured and horizontal & vertical precision with raw data in OEM nativity file format like (.mdb, .jxl, .tet, etc) shall be submitted. All the features, attributes of all the assets, utilities captured shall be Geo referenced as per standard Coordinate reference system (WGS 84 UTM Zone 44N). The final base map with assets and utilities shall be furnished in (.shp) format. The geo referenced assets and utilities along with the attributes (as specified by the GIS Wing, CMWSSB) shall be converted into proper geo database (FGDB / PGDB) with the attributes. One set Hard and Soft Copy of all the CMWSSB assets and utility has to be prepared category wise network wise in A0 Print for verification in a print scale of 1:1000 in A0 plot, with standard legends in international and NUIS standards and should be legible and three sets of final Hard Copy in A0 print. For the Underground / Surface Assets along the roads for the distance above 50 km & upto 100 km	km	13992.00

Unique Code	Description	Unit	2024-25 Rate
MW-W0008	As built survey for every sewage and water pipeline and other assets must be done using DGPS based RTK method by transferring the coordinates from the nearest Static GCP of CMWSSB and establishing TBMs for the project area as instructed by CMWSSB Engineer. Where there are signal interruptions for the RTK method, Total Station can be used. The coordinates from the static GCP shall be transferred to the Total Station by RTK method and the co- ordinates of the assets can then be captured by Total Station. While surveying by RTK method, it shall be ensured that the values are captured by "fixed" status. The DGPS RTK survey report including "fixed" or "float" for the coordinates captured and horizontal & vertical precision with raw data in OEM nativity file format like (.mdb, .jxl, .tet, etc) shall be submitted. All the features, attributes of all the assets, utilities captured shall be Geo referenced as per standard Coordinate reference system (WGS 84 UTM Zone 44N). The final base map with assets and utilities shall be furnished in (.shp) format. The geo referenced assets and utilities along with the attributes (as specified by the GIS Wing, CMWSSB) shall be converted into proper geo database (FGDB / PGDB) with the attributes. One set Hard and Soft Copy of all the CMWSSB assets and utility has to be prepared category wise network wise in A0 Print for verification in a print scale of 1:1000 in A0 plot, with standard legends in international and NUIS standards and should be legible and three sets of final Hard Copy in A0 print. For the Underground / Surface Assets along the roads for the distance above 100 km	km	12826.00

Unique Code	Description	Unit	2024-25 Rate
MW-W0009	As built survey for every sewage and water pipeline and other assets must be done using DGPS based RTK method by transferring the coordinates from the nearest Static GCP of CMWSSB and establishing TBMs for the project area as instructed by CMWSSB Engineer. Where there are signal interruptions for the RTK method, Total Station can be used. The coordinates from the static GCP shall be transferred to the Total Station by RTK method and the co-ordinates of the assets can then be captured by Total Station. While surveying by RTK method, it shall be ensured that the values are captured by "fixed" status. The DGPS RTK survey report including "fixed" or "float" for the coordinates captured and horizontal & vertical precision with raw data in OEM nativity file format like (.mdb, .jxl, .tet, etc) shall be submitted. All the features, attributes of all the assets, utilities captured shall be Geo referenced as per standard Coordinate reference system (WGS 84 UTM Zone 44N). The final base map with assets and utilities shall be furnished in (.shp) format. The geo referenced assets and utilities along with the attributes (as specified by the GIS Wing, CMWSSB) shall be converted into proper geo database (FGDB / PGDB) with the attributes. One set Hard and Soft Copy of all the CMWSSB assets and utility has to be prepared category wise network wise in A0 Print for verification in a print scale of 1:1000 in A0 plot, with standard legends in international and NUIS standards and should be legible and three sets of final Hard Copy in A0 print. For discrete points of the Underground / Surface Assets not forming part of continuous survey on length basis.	Each	440.00

Unique Code	Description	Unit	2024-25 Rate
MW-W0010	As built survey for every sewage and water pipeline and other assets must be done using DGPS based RTK method by transferring the coordinates from the nearest Static GCP of CMWSSB and establishing TBMs for the project area as instructed by CMWSSB Engineer. Where there are signal interruptions for the RTK method, Total Station can be used. The coordinates from the static GCP shall be transferred to the Total Station by RTK method and the co- ordinates of the assets can then be captured by Total Station. While surveying by RTK method, it shall be ensured that the values are captured by "fixed" status. The DGPS RTK survey report including "fixed" or "float" for the coordinates captured and horizontal & vertical precision with raw data in OEM nativity file format like (.mdb, .jxl, .tet, etc) shall be submitted. All the features, attributes of all the assets, utilities captured shall be Geo referenced as per standard Coordinate reference system (WGS 84 UTM Zone 44N). The final base map with assets and utilities shall be furnished in (.shp) format. The geo referenced assets and utilities along with the attributes (as specified by the GIS Wing, CMWSSB) shall be converted into proper geo database (FGDB / PGDB) with the attributes. One set Hard and Soft Copy of all the CMWSSB assets and utility has to be prepared category wise network wise in A0 Print for verification in a print scale of 1:1000 in A0 plot, with standard legends in international and NUIS standards and should be legible and three sets of final Hard Copy in A0 print. For discrete points / lines / polygons of the Underground / Surface Assets in premises like WTP, STP, Filling Stations, etc. For Area upto 2 Acre	Acre	19250.00
MW-W0011	Additional rate per acre or part thereof for Area above 2 Acre, over and above the base rate (of upto 2 Acrea).	Acre	8250.00

Unique Code	Description	Unit	2024-25 Rate
MW-W0012	As built survey for every sewage and water pipeline and other assets must be done using DGPS based RTK method by transferring the coordinates from the nearest Static GCP of CMWSSB. Where there are signal interruptions for the RTK method, Total Station can be used. The coordinates from the static GCP shall be transferred to the Total Station by RTK method and the co-ordinates of the assets can then be captured by Total Station. While surveying by RTK method, it shall be ensured that the values are captured by "fixed" status. The DGPS RTK survey report including "fixed" or "float" for the coordinates captured and horizontal & vertical precision with raw data in OEM nativity file format like (.mdb, .jxl, .tet, etc) shall be submitted. All the features, attributes of all the assets, utilities captured shall be Geo referenced as per standard Coordinate reference system (WGS 84 UTM Zone 44N). The final base map with assets and utilities shall be furnished in (.shp) format. The geo referenced assets and utilities along with the attributes (as specified by the GIS Wing, CMWSSB) shall be converted into proper geo database (FGDB / PGDB) with the attributes. One set Hard and Soft Copy of all the CMWSSB assets and utility has to be prepared category wise network wise in A0 Print for verification in a print scale of 1:1000 in A0 plot, with standard legends in international and NUIS standards and should be legible and three sets of final Hard Copy in A0 print. For the Underground / Surface Assets along the roads for the distance of less than 2 km	km	22154.00

Unique Code	Description	Unit	2024-25 Rate
MW-W0013	As built survey for every sewage and water pipeline and other assets must be done using DGPS based RTK method by transferring the coordinates from the nearest Static GCP of CMWSSB. Where there are signal interruptions for the RTK method, Total Station can be used. The coordinates from the static GCP shall be transferred to the Total Station by RTK method and the co- ordinates of the assets can then be captured by Total Station. While surveying by RTK method, it shall be ensured that the values are captured by "fixed" status. The DGPS RTK survey report including "fixed" or "float" for the coordinates captured and horizontal & vertical precision with raw data in OEM nativity file format like (.mdb, .jxl, .tet, etc) shall be submitted. All the features, attributes of all the assets, utilities captured shall be Geo referenced as per standard Coordinate reference system (WGS 84 UTM Zone 44N). The final base map with assets and utilities shall be furnished in (.shp) format. The geo referenced assets and utilities along with the attributes (as specified by the GIS Wing, CMWSSB) shall be converted into proper geo database (FGDB / PGDB) with the attributes. One set Hard and Soft Copy of all the CMWSSB assets and utility has to be prepared category wise network wise in A0 Print for verification in a print scale of 1:1000 in A0 plot, with standard legends in international and NUIS standards and should be legible and three sets of final Hard Copy in A0 print. For the Underground / Surface Assets along the roads for the distance above 2 km & upto 5km	km	18656.00

Unique Code	Description	Unit	2024-25 Rate
MW-W0014	As built survey for every sewage and water pipeline and other assets must be done using DGPS based RTK method by transferring the coordinates from the nearest Static GCP of CMWSSB. Where there are signal interruptions for the RTK method, Total Station can be used. The coordinates from the static GCP shall be transferred to the Total Station by RTK method and the co- ordinates of the assets can then be captured by Total Station. While surveying by RTK method, it shall be ensured that the values are captured by "fixed" status. The DGPS RTK survey report including "fixed" or "float" for the coordinates captured and horizontal & vertical precision with raw data in OEM nativity file format like (.mdb, .jxl, .tet, etc) shall be submitted. All the features, attributes of all the assets, utilities captured shall be Geo referenced as per standard Coordinate reference system (WGS 84 UTM Zone 44N). The final base map with assets and utilities shall be furnished in (.shp) format. The geo referenced assets and utilities along with the attributes (as specified by the GIS Wing, CMWSSB) shall be converted into proper geo database (FGDB / PGDB) with the attributes. One set Hard and Soft Copy of all the CMWSSB assets and utility has to be prepared category wise network wise in A0 Print for verification in a print scale of 1:1000 in A0 plot, with standard legends in international and NUIS standards and should be legible and three sets of final Hard Copy in A0 print. For the Underground / Surface Assets along the roads for the distance above 5 km & upto 15 km	km	16324.00

Unique Code	Description	Unit	2024-25 Rate
MW-W0015	As built survey for every sewage and water pipeline and other assets must be done using DGPS based RTK method by transferring the coordinates from the nearest Static GCP of CMWSSB. Where there are signal interruptions for the RTK method, Total Station can be used. The coordinates from the static GCP shall be transferred to the Total Station by RTK method and the co- ordinates of the assets can then be captured by Total Station. While surveying by RTK method, it shall be ensured that the values are captured by "fixed" status. The DGPS RTK survey report including "fixed" or "float" for the coordinates captured and horizontal & vertical precision with raw data in OEM nativity file format like (.mdb, .jxl, .tet, etc) shall be submitted. All the features, attributes of all the assets, utilities captured shall be Geo referenced as per standard Coordinate reference system (WGS 84 UTM Zone 44N). The final base map with assets and utilities shall be furnished in (.shp) format. The geo referenced assets and utilities along with the attributes (as specified by the GIS Wing, CMWSSB) shall be converted into proper geo database (FGDB / PGDB) with the attributes. One set Hard and Soft Copy of all the CMWSSB assets and utility has to be prepared category wise network wise in A0 Print for verification in a print scale of 1:1000 in A0 plot, with standard legends in international and NUIS standards and should be legible and three sets of final Hard Copy in A0 print. For the Underground / Surface Assets along the roads for the distance above 15 km & upto 50 km	km	13992.00

Unique Code	Description	Unit	2024-25 Rate
MW-W0016	As built survey for every sewage and water pipeline and other assets must be done using DGPS based RTK method by transferring the coordinates from the nearest Static GCP of CMWSSB. Where there are signal interruptions for the RTK method, Total Station can be used. The coordinates from the static GCP shall be transferred to the Total Station by RTK method and the co-ordinates of the assets can then be captured by Total Station. While surveying by RTK method, it shall be ensured that the values are captured by "fixed" status. The DGPS RTK survey report including "fixed" or "float" for the coordinates captured and horizontal & vertical precision with raw data in OEM nativity file format like (.mdb, .jxl, .tet, etc) shall be submitted. All the features, attributes of all the assets, utilities captured shall be Geo referenced as per standard Coordinate reference system (WGS 84 UTM Zone 44N). The final base map with assets and utilities shall be furnished in (.shp) format. The geo referenced assets and utilities along with the attributes (as specified by the GIS Wing, CMWSSB) shall be converted into proper geo database (FGDB / PGDB) with the attributes. One set Hard and Soft Copy of all the CMWSSB assets and utility has to be prepared category wise network wise in A0 Print for verification in a print scale of 1:1000 in A0 plot, with standard legends in international and NUIS standards and should be legible and three sets of final Hard Copy in A0 print. For the Underground / Surface Assets along the roads for the distance above 50 km & upto 100 km	km	12826.00

Unique Code	Description	Unit	2024-25 Rate
MW-W0017	As built survey for every sewage and water pipeline and other assets must be done using DGPS based RTK method by transferring the coordinates from the nearest Static GCP of CMWSSB Where there are signal interruptions for the RTK method, Total Station can be used. The coordinates from the static GCP shall be transferred to the Total Station by RTK method and the co- ordinates of the assets can then be captured by Total Station. While surveying by RTK method, it shall be ensured that the values are captured by "fixed" status. The DGPS RTK survey report including "fixed" or "float" for the coordinates captured and horizontal & vertical precision with raw data in OEM nativity file format like (.mdb, .jxl, .tet, etc) shall be submitted. All the features, attributes of all the assets, utilities captured shall be Geo referenced as per standard Coordinate reference system (WGS 84 UTM Zone 44N). The final base map with assets and utilities shall be furnished in (.shp) format. The geo referenced assets and utilities along with the attributes (as specified by the GIS Wing, CMWSSB) shall be converted into proper geo database (FGDB / PGDB) with the attributes. One set Hard and Soft Copy of all the CMWSSB assets and utility has to be prepared category wise network wise in A0 Print for verification in a print scale of 1:1000 in A0 plot, with standard legends in international and NUIS standards and should be legible and three sets of final Hard Copy in A0 print. For the Underground / Surface Assets along the roads for the distance above 100 km	km	11660.00

Unique Code	Description	Unit	2024-25 Rate
MW-W0018	As built survey for every sewage and water pipeline and other assets must be done using DGPS based RTK method by transferring the coordinates from the nearest Static GCP of CMWSSB. Where there are signal interruptions for the RTK method, Total Station can be used. The coordinates from the static GCP shall be transferred to the Total Station by RTK method and the co-ordinates of the assets can then be captured by Total Station. While surveying by RTK method, it shall be ensured that the values are captured by "fixed" status. The DGPS RTK survey report including "fixed" or "float" for the coordinates captured and horizontal & vertical precision with raw data in OEM nativity file format like (.mdb, .jxl, .tet, etc) shall be submitted. All the features, attributes of all the assets, utilities captured shall be Geo referenced as per standard Coordinate reference system (WGS 84 UTM Zone 44N). The final base map with assets and utilities shall be furnished in (.shp) format. The geo referenced assets and utilities along with the attributes (as specified by the GIS Wing, CMWSSB) shall be converted into proper geo database (FGDB / PGDB) with the attributes. One set Hard and Soft Copy of all the CMWSSB assets and utility has to be prepared category wise network wise in A0 Print for verification in a print scale of 1:1000 in A0 plot, with standard legends in international and NUIS standards and should be legible and three sets of final Hard Copy in A0 print. For discrete points of the Underground / Surface Assets not forming part of continuous survey on length basis.	Each	462.00

Unique Code	Description	Unit	2024-25 Rate
MW-W0019	As built survey for every sewage and water pipeline and other assets must be done using DGPS based RTK method by transferring the coordinates from the nearest Static GCP of CMWSSB. Where there are signal interruptions for the RTK method, Total Station can be used. The coordinates from the static GCP shall be transferred to the Total Station by RTK method and the co- ordinates of the assets can then be captured by Total Station. While surveying by RTK method, it shall be ensured that the values are captured by "fixed" status. The DGPS RTK survey report including "fixed" or "float" for the coordinates captured and horizontal & vertical precision with raw data in OEM nativity file format like (.mdb, .jxl, .tet, etc) shall be submitted. All the features, attributes of all the assets, utilities captured shall be Geo referenced as per standard Coordinate reference system (WGS 84 UTM Zone 44N). The final base map with assets and utilities shall be furnished in (.shp) format. The geo referenced assets and utilities along with the attributes (as specified by the GIS Wing, CMWSSB) shall be converted into proper geo database (FGDB / PGDB) with the attributes. One set Hard and Soft Copy of all the CMWSSB assets and utility has to be prepared category wise network wise in A0 Print for verification in a print scale of 1:1000 in A0 plot, with standard legends in international and NUIS standards and should be legible and three sets of final Hard Copy in A0 print. For discrete points / lines / polygons of the Underground / Surface Assets in premises like WTP, STP, Filling Stations, etc. For Area upto 2 Acre	Acre	16500.00
MW-W0020	Additional rate per acre or part thereof for Area above 2 Acre, over and above the base rate (of upto 2 Acrea).	Acre	8250.00

**TAMIL NADU URBAN HABITAT
DEVELOPMENT BOARD
(TNUHDB)**

Structure for Unique Item Codes

Item Code	Item Type
UH	Tamil Nadu urban Habitat Development Board
L	Labour
M	Materials
W	Works

Note:

Unique item codes in the Schedule of Rates are to be referenced during estimate preparation. The unique code follows a structure "UH-A1234" mentioned in the 'Unique Code' column in each sheet

TAMIL NADU URBAN HABITAT DEVELOPMENT BOARD

Unique Code	Description of Work	Unit	Basic Rate approved for the year 2024-2025 (w.e.f. 15.07.2024)
	RATES OF WORKS		
UH-W0001	Aluminium form work for Monolithic Construction Providing and fixing of customized Aluminium form work for monolithic construction on RCC members with repetitive usage made up of aluminium sheets/plates of minimum 4mm thickness and grade 6061 (Type-6). The formwork comprises of (a) wall panel, rocker, kicker and internal soffit corner, external soffit corner, external corner, internal corner etc., (b) beam components i.e, beam side panel, prop head for soffit beam, beams soffit panel, beam soffit bulk head and (c) deck components i.e. deck panel, deck prop, prop length, deck mid, soffit length, deck beam bar. The panels are held in position by a simple pin and wedge system that passes through holes in the out side rib of each panel. The tolerance of finished panel shall not be less than (-1 mm) and shall conform to IS 14987-1999. Pins and wedges to be made of high grade hot dipped galvanized mild steel. This form work also comprises of M.S. angle iron, "Z" shaped brackets braced diagonally at 0.90 to 1.00 metre centre to centre on external wall face just the level below on which to lay M.S. square tube panels (Challis) and guard railing supports to form working platform and 40 mm dia G.I./M.S. telescopic adjustable props to support deck formwork and beam soffit panels including de-shuttering the formwork from odd/even level to be shifted/ lifted to next alternate odd/even level before which the points and shuttering surface to be thoroughly cleaned, pins greasing and shuttering surface oiling properly before fixing all complete including sealing of gap between kicker plates of wall panel and floors (if any) as per design of formwork as provided by shuttering supplier and as per direction of the Engineer-in-charge including filling and finishing the holes of varied sizes and shapes (left by keys/pins of aluminium form work shuttering while de- shuttering) with GP-2 cementitious polymer compound mixed with water in ratio prescribed by manufacturer to form consistent workable enough for pushing it in the holes upto full depth of wall using appropriate tools and finishing smooth all complete as per directions of the Engineer-in-charge.	sqm.	358.50

**HINDU RELIGIOUS AND
CHARITABLE ENDOWMENTS
DEPARTMENT
(HR & CE)**

Structure for Unique Item Codes

Item Code	Item Type
HR	Hindu Religious and Charitable Endowments Department
L	Labour
M	Materials
W	Works

Note:

Unique item codes in the Schedule of Rates are to be referenced during estimate preparation. The unique code follows a structure "HR-A1234" mentioned in the 'Unique Code' column in each sheet

HINDU RELIGIOUS AND CHARITABLE ENDOWMENTS DEPARTMENT

Unique Code	Description	Unit	Basic Rate approved for the year 2024-2025 (w.e.f. 15.07.2024)
I	RATES OF LABOUR		
A	Ornamental Brick Work		
HR-L0001	Sthapathy-I Class (Marking) (Highly Skilled)	Day	1840.00
HR-L0002	Silpi-I Class (Skilled)	Day	1549.00
HR-L0003	Silpi-II Class (Semi-Skilled)	Day	1414.00
HR-L0004	Assistant Silpi (Semi-Skilled)	Day	1009.00
B	Panchavarnam Work		
HR-L0005	Artist Painter-I Class (Highly Skilled)	Day	1378.00
HR-L0006	Artist Painter-II Class (Skilled)	Day	1162.00
HR-L0007	Assistant Painter (Semi-Skilled)	Day	727.00
C	Sudhai Work		
HR-L0008	Silpi for Vighram (Highly Skilled)	Day	1840.00
HR-L0009	Silpi for Ornamental Varagam (Skilled)	Day	1549.00
D	Wood Work		
HR-L0010	Vighraha Sthapathy (Highly Skilled)	Day	1840.00
HR-L0011	Sthapathy-I Class (Highly Skilled)	Day	1840.00
HR-L0012	Sthapathy-II Class (Highly Skilled)	Day	1563.00
HR-L0013	Silpi-I Class (Skilled)	Day	1549.00
HR-L0014	Silpi-II Class (Semi-Skilled)	Day	1414.00
HR-L0015	Sthapathy Assistant (Semi-Skilled)	Day	1414.00

Unique Code	Description	Unit	Basic Rate 2024-2025
E	Ornamental Stone Work		
HR-L0016	Sthapathy-I Class (Marking) (Highly Skilled)	Day	1840.00
HR-L0017	Sthapathy-II Class (Supervisor Sthapathy) (Highly Skilled)	Day	1646.00
HR-L0018	Silpi-I Class (Skilled)	Day	1549.00
HR-L0019	Silpi-II Class (Semi-Skilled)	Day	1414.00
HR-L0020	Smith-I Class (Skilled)	Day	1549.00
HR-L0021	Smith-II Class (Semi-Skilled)	Day	1414.00
HR-L0022	Assistant Silpi (Semi-Skilled)	Day	1009.00
HR-L0023	Chithravanam	sft.	679.00
F	Ubabeedam		
HR-L0024	Ubabeedam Pathma jagathi, athirstanam	sft.	1448.00
HR-L0025	Ubabeedam - kadam	sft.	825.00
HR-L0026	Ubabeedam - kabothagam	sft.	1403.00
G	Adhirstanam		
HR-L0027	Jagathi vari	sft.	1430.00
HR-L0028	Kumuthaga vari	sft.	1572.00
HR-L0029	Kadam, Pattial	sft.	1510.00
H	Sthamabam		
HR-L0030	Asuvapatham, Sthamabam	sft.	1649.00
HR-L0031	Kal vari, kalsam, thaddi vari	sft.	1922.00
HR-L0032	Palakai kudam vari	sft.	2430.00
HR-L0033	Veerakadam pothigai vari	sft.	2590.00
HR-L0034	Uthiram - prastiram, kambu, Eluthagam	sft.	1615.00
HR-L0035	Kapothagam	sft.	1622.00
HR-L0036	Nasi thalai	sft.	3105.00
HR-L0037	Viyalavari	sft.	1444.00
HR-L0038	Koodu	sft.	2056.00

Unique Code	Description	Unit	Basic Rate 2024-2025
HR-L0039	Inner - (Ulvari)	sft.	391.00
HR-L0040	Pavukkal	sft.	466.00
HR-L0041	Nilakaal (Nagabandham poo)	sft.	1185.00
HR-L0042	3 Nilakaal (Nagabandham poo, kodikarukku)	sft.	1623.00
HR-L0043	Thoon - Pillar	sft.	1649.00
HR-L0044	5 Thani Pothiyai	sft.	1587.00
HR-L0045	5 Thani Uthiram	sft.	1410.00
I	For cut stone flooring		
HR-L0046	B Dressing one line	sft.	80.00
HR-L0047	Dressing three line	sft.	329.00
HR-L0048	Kodungai (Take in Kabothaga Vari)	sft.	3540.00
II	RATES OF MATERIALS		
1	Supply of high quality Burma Teakwood meant for the purpose of making the following items		
HR-M0001	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
HR-M0002	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
HR-M0003	Kodimaram (Dwajasthambam) Stem 9" to 18" dia upto 30 feet height.	cum.	339800.00
2	Supply of Teakwood for making the following items		
HR-M0004	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
HR-M0005	Temple Chariot Beams, Temple Wooden Uttarams with minimum 9" thick to 18".	cum.	213021.00

Unique Code	Description	Unit	Basic Rate 2024-2025
HR-M0006	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		
HR-M0007	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
HR-M0008	Kodimaram / Dwajasthambam stem 9" to 18" dia upto 30 feet height.	cum.	135700.00
HR-M0009	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.		
HR-M0010	Temple Chariot Beams, Temple Wooden Uttarams with minimum 9" to 18" thick.	cum.	95270.00
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.		
HR-M0011	Scantling upto 40cm dia	cum.	31500.00
HR-M0012	Scantling upto 40cm dia	cum.	45348.00
HR-M0013	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.		
HR-M0014	Temple God and Goddess Vahanams of required shape and size with ornamental features.	cum.	45348.00
8	Cut Stone		
HR-M0015	Cost at Quarry for cut stone slabs of size 60cmx60cm and not less than 10cm thick	sqm.	2830.00
HR-M0016	Cost at Quarry for cut stone blocks of length upto 5 feet (1'x1'x5')	cum.	18680.00

Unique Code	Description	Unit	Basic Rate 2024-2025
HR-M0017	Cost at Quarry for cut stone blocks of length above 5 feet and upto 10 feet (1 ¹ / ₂ 'x 1 ¹ / ₂ 'x10')	cum.	22920.00
HR-M0018	Cost at Quarry for cut stone blocks of length above 10 feet and upto 14 feet (2'x2'x14')	cum.	31880.00
III	RATES OF WORKS		
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.		
HR-W0001	Vimanam / Gopuram upto 15' - 0' height	sqm.	282.00
HR-W0002	Vimanam / Gopuram upto 25' - 0' height	sqm.	378.00
HR-W0003	Gopurams upto 50' - 0' height	sqm.	483.00
HR-W0004	Gopurams upto 75' - 0' height	sqm.	605.00
HR-W0005	Gopurams upto 100' - 0' height	sqm.	726.00
HR-W0006	Gopurams upto 150' - 0' height	sqm.	888.00
HR-W0007	Labour Charges for Old Stone Removing: Chitravanam, Padma Jagati, Adhistanam, Kandam, Pattiyal, Jagati, Kumudagam, Aswapadam, Sthamaba, Sthambam, Kalasam, Thadi, Kudam, Palagai, Veerakandam, Bodhiyal, Uthiram, Kambu, Eludham, Kabothagam, Viyalam, Koodu, Uli Vari, Pavukkal, Thun, Flooring, Nilakal, Bodhiyal Thani, Uthiram.	sqm.	1732.00
HR-W0008	Labour Charges for Old Stone Removing: Thanithun, Uthiram, Bodhiyal.	cum.	5685.00
HR-W0009	Labour Charges for Old Stone Fixing: Chitravanam, Padma Jagati, Adhistanam, Kandam, Pattiyal, Jagati, Kumudagam.	sqm.	2600.00
HR-W0010	Labour Charges for Old Stone Removing: Aswapadam, Sthamaba, Sthambam, Kalasam, Thadi, Kudam, Palagai, Veerakandam, Bodhiyal, Uthiram, Kambu, Eludham, Kabothagam, Viyalam, Koodu, Uli Vari, Pavukkal, Thun, Flooring, Nilakal, Bodhiyal Thani, Uthiram.	sqm.	3467.00

NOTE:

1. The Basic Rate adopted under this Head is exclusive of all taxes and GST.

**TAMIL NADU
HORTICULTURE
DEVELOPMENT AGENCY**

Structure for Unique Item Codes

Item Code	Item Type
HC	Tamil Nadu Horticulture Development Agency
L	Labour
M	Materials
W	Works

Note:

Unique item codes in the Schedule of Rates are to be referenced during estimate preparation. The unique code follows a structure "HC-A1234" mentioned in the 'Unique Code' column in each sheet

Unique Code	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
	RATES OF WORK		
HC-W0001	Supply and planting of <i>Araucaria heterophyllum</i> ornamental foliage tree of height 180-210cm in polythene bag of size 21×21 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	1950
HC-W0002	Supply and planting of <i>Ceiba speciosa</i> ornamental foliage tree of height 180-210cm in polythene bag of size 21×21 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	1930
HC-W0003	Supply and planting of <i>Clusia rosea</i> ornamental foliage tree of height 150-180cm in polythene bag of size 21×21 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	2450
HC-W0004	Supply and planting of <i>Feliciumdecipens</i> ornamental foliage tree of height 150-180cm in polythene bag of size 21×21 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	2050
HC-W0005	Supply and planting of <i>Guaiacum officinale</i> ornamental foliage tree of height 120-150cm in polythene bag of size 21×21 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	4550

Unique Code	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0006	Supply and planting of <i>Muntingiacalabura</i> ornamental foliage tree of height 240-250cm in polythene bag of size 21×21 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	1150
HC-W0007	Supply and planting of <i>Washingtoniafilifera</i> ornamental foliage palm of height 120-150cm in polythene bag of size 21×21 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	2050
HC-W0008	Supply and planting of <i>Leucophyllumfrutescens</i> ornamental specimen plant of height 90-120cm in polythene bag of size 21×21 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	2050
HC-W0009	Supply and planting of <i>Cassia alata</i> ornamental foliage tree of height 30-45cm in polythene bag of size 7×8 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	205
HC-W0010	Supply and planting of <i>Bougainvillea dwarf</i> ornamental foliage shrub of height 30-45cm in polythene bag of size 7×8 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	105
HC-W0011	Supply and planting of <i>Acalypha</i> dwarf red ornamental foliage shrub of height 30-45cm in polythene bag of size 7×8 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	65

Unique Code	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0012	Supply and planting of <i>Burnfeisia pauciflora</i> ornamental foliage shrub of height 30-45cm in polythene bag of size 7×8 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	200
HC-W0013	Supply and planting of <i>Rhoeodiscolor</i> ornamental foliage shrub of height 30-45cm in polythene bag of size 7×8 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	65
HC-W0014	Supply and planting of <i>Rhoeotricolor</i> ornamental foliage shrub of height 30-45cm in polythene bag of size 7×8 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	67
HC-W0015	Supply and planting of <i>Dracaena warneckii</i> ornamental foliage shrub of height 30-45cm in polythene bag of size 7×8 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	140
HC-W0016	Supply and planting of <i>Leucophyllum frutescens</i> ornamental foliage shrub of height 30-45cm in polythene bag of size 7×8 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	80
HC-W0017	Supply and planting of <i>Spathiphyllum</i> ornamental foliage shrub of height 30-45cm in polythene bag of size 7×8 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	140

Unique Code	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0018	Supply and planting of <i>Loropetalum chinense</i> ornamental foliage shrub of height 30-45cm in polythene bag of size 7×8 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	100
HC-W0019	Supply and planting of <i>Ixora</i> semi dwarf ornamental foliage shrub of height 30-45cm in polythene bag of size 7×8 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	100
HC-W0020	Supply and planting of <i>Calathea</i> ornamental foliage shrub of height 30-45cm in polythene bag of size 7×8 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	140
HC-W0021	Supply and planting of <i>Metrosideros</i> ornamental foliage shrub of height 30-45cm in polythene bag of size 7×8 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	270
HC-W0022	Supply and planting of <i>Cordyline</i> ornamental foliage shrub of height 30-45cm in polythene bag of size 7×8 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site-in-charge.	Each	100
HC-W0023	Supply and planting of <i>Dracaena sanderiana</i> ornamental plant of 2 tiers	Each	200
HC-W0024	Supply and planting of <i>Dracaena sanderiana</i> ornamental plant of 3 tiers	Each	275

Unique Code	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
	RATES OF MATERIAL		
HC-M0001	Supply of River Pebbles including cost of transportation	Per Kg	40
HC-M0002	Supply of White Pebbles including cost of transportation	Per Kg	55
HC-M0003	Supply of Gravel including cost of transportation	Per Kg	40
HC-M0004	Supply of Grade A Neem Cake including cost of transportation	Per Kg	90
HC-M0005	Supply of Drain cell 20mm including cost of transportation	Per Kg	50
HC-M0006	Supply of Drain cell 30mm including cost of transportation	Per Kg	60
HC-M0007	Supply of Geo Textile sheet including cost of transportation	Per Sqm	50
HC-M0008	Supply of Geo Textile sheet including cost of transportation	Per Sqm	60
HC-M0009	Supply of 11 cm Valencia pots including cost of transportation	Each	50
HC-M0010	Supply of 14 cm Valencia pots including cost of transportation	Each	80
HC-M0011	Supply of 16 cm Valencia pots including cost of transportation	Each	110
HC-M0012	Supply of 20 cm Valencia pots including cost of transportation	Each	180
HC-M0013	Supply of 25 cm Valencia pots including cost of transportation	Each	280
HC-M0014	Supply of 30 cm Valencia pots on wheels including cost of transportation	Each	770
HC-M0015	Supply of 35 cm Valencia pots on wheels including cost of transportation	Each	935
HC-M0016	Supply of Vermicompost in powder form, devoid of impurities and other materials, nutrient dense and which supports plant growth including cost of transportation	Per Kg	22

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
RATES OF MATERIAL				
HC-M0017	PD-1614	Casurina poles 8cm - 10 cm dia	RM	19.20
HC-M0018	PD-1615	Casurina poles 5cm - 8cm dia	RM	17.50
HC-M0019	PD-1616	Casurina poles Bullies 4 cm - 5 cm dia & cross ties	RM	13.50
HC-M0020	PD-1617	Eucalyptus poles 5cm - 8cm dia	RM	16.40
HC-M0021	PD-1618	Eucalyptus poles less than 5cm dia	RM	15.00
RATES OF WORKS				
HC-W0025	PD-1608	Earth work excavation for foundation in all kinds soils in varying depths (Digging of new trenches for hedge / edge planting, digging and removal of excavated earth from site complete)	1 cu.m	260.79
HC-W0026	PD-1609	Supply & stacking of red earth at site to the departmental guage for pre-measurements which is of light textured, crystalline, porous and friable and not of generally acidic or neutral but not of alkaline and should be fertile, including seignior age charges, cost of transportation, loading, unloading, stacking and inclusive of all taxes etc., complete.	Cu.m	3750.00
HC-W0027	PD-1610	Supply of well decomposed Farm yard Manure in a powdery form, devoid of soil sand, stones, plastics and other materials, highly nutrient and which supports plant growth.	Cu.m	2400.00
HC-W0028	PD-1611	"Mixing charges of Red soil, sand and manure uniformly (1:1:1) for Preparation of soil mixture (excluding material cost)"	Cu.m	116.00
HC-W0029	PD-1612	Spreading of red soil, gravel or sand including watering and rolling which hand roller for every 75 mm thickness - including hire charges of roller.	Cu.m	41.12
HC-W0030	PD-1613	Supply of Coir Pith including cost of transportation, loading, unloading, stacking etc., complete.	1 Kg	10.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0031	PD-1619	Supply and stacking of pit sand / earth filling sand at site to the departmental gauge for pre-measurements obtained from sand deposits and should clean without solid particles	Cu.m.	486.70
HC-W0032	PD-1620	Maintenance of shades grass / carpet grass / G2 grass by regular watering, weeding, protection, mowing etc for a period of One month	1 Sq.m/ Month	9.02
HC-W0033	PD-1621	Maintenance of shrubs, other ornamental foliage, foliage planting and Trees planting including watering, weeding, application of fertilizers and pesticides, trimming etc for One month	1 Sq.m/ Month	9.02
HC-W0034	PD-1622	Planting of Acalypha varieties ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	54.00
HC-W0035	PD-1623	Planting of African grass ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	48.00
HC-W0036	PD-1624	Planting of Aglaonema ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	111.00
HC-W0037	PD-1625	"Planting of Allamanda dwarf foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	50.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0038	PD-1626	Planting of Aphelandra - Zebra Plant ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	89.00
HC-W0039	PD-1627	"Planting of Aralia ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	55.00
HC-W0040	PD-1628	Planting of Asparagus myuri ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	64.00
HC-W0041	PD-1629	Planting of Asparagus springeri ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	171.00
HC-W0042	PD-1630	Planting of Alpinia Purpurata variegated ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	90.00
HC-W0043	PD-1631	Planting of Angelonia ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	45.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0044	PD-1632	"Planting of Alocasia ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	75.00
HC-W0045	PD-1633	Planting of Bamboo grass ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	50.00
HC-W0046	PD-1634	Planting of Bougainvillea hybrid foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	214.00
HC-W0047	PD-1635	Planting of Bougainvillea foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	86.00
HC-W0048	PD-1636	Planting of Bougainvillea assorted (Multicolour) foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	101.00
HC-W0049	PD-1637	Planting of Caesalpinia pulcherrima foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	55.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0050	PD-1638	Planting of Caladium kinds ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	76.00
HC-W0051	PD-1639	Planting of Canna indica variegated Plant foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	65.00
HC-W0052	PD-1640	Planting of Clerodendron green / variegated Plant ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	35.00
HC-W0053	PD-1641	Planting of Coleus Plant ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	41.00
HC-W0054	PD-1642	Planting of Crotons - Codiaeum variegatum ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	70.00
HC-W0055	PD-1643	Planting of Cyprus Plant ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	86.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0056	PD-1644	Planting of Dieffenbachia varieties ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	186.00
HC-W0057	PD-1645	Planting of Dracena babydoll ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	116.70
HC-W0058	PD-1646	Planting of Dracena chlorama ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	121.00
HC-W0059	PD-1647	Planting of Dracena mahatma ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	105.00
HC-W0060	PD-1648	Planting of Dracena marginata ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	100.00
HC-W0061	PD-1649	Planting of Dracena Song of India ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	55.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0062	PD-1650	Planting of Duranta new gold Plant ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	39.00
HC-W0063	PD-1651	Planting of Dracaena Victoria Plant ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	110.00
HC-W0064	PD-1652	Planting of Dillenia Plant ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	45.00
HC-W0065	PD-1653	Planting of Eranthemum varites ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	46.00
HC-W0066	PD-1654	"Planting of Euphorbia milli foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	126.00
HC-W0067	PD-1655	Planting of Euphorbia splendens foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	70.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0068	PD-1656	Planting of Ficus black ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	56.00
HC-W0069	PD-1657	Planting of Ficus ponda ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	58.00
HC-W0070	PD-1658	Planting of Ficus starlight ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	90.70
HC-W0071	PD-1659	"Planting of Galphimia Plant foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	70.00
HC-W0072	PD-1660	Planting of Graptophyllum pictum varieties ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	54.00
HC-W0073	PD-1661	Planting of Heliconium foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	76.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0074	PD-1662	"Planting of Hemelia pattens foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge."	Each	56.00
HC-W0075	PD-1663	"Planting of Hibiscus hawai foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge."	Each	112.00
HC-W0076	PD-1664	"Planting of Hibiscus hybrid foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge."	Each	102.00
HC-W0077	PD-1665	Planting of Ireseine herbstil ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	48.00
HC-W0078	PD-1666	Planting of Ixora dwarf varieties foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	74.00
HC-W0079	PD-1667	Planting of Ixora hybrid foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	74.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0080	PD-1668	Planting of Ixora ordinary foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	64.00
HC-W0081	PD-1669	Planting of Jasmine Plant foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	47.00
HC-W0082	PD-1670	Planting of Jetropha Plant foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	60.00
HC-W0083	PD-1671	Planting of Lavender Plant ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	58.00
HC-W0084	PD-1672	Planting of Leo cocksena ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	125.40
HC-W0085	PD-1673	Planting of Lilly foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	59.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0086	PD-1674	Planting of Lilly – Zephyranthus lilly (Rain lilly)shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	36.00
HC-W0087	PD-1675	Planting of Lilly - Hymenocallis Lilly (Spider liiy) shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	55.00
HC-W0088	PD-1676	"Planting of Lilly - Hippeastrum Lilly shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge."	Each	55.00
HC-W0089	PD-1677	Planting of Lotus hybrid foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	713.10
HC-W0090	PD-1678	"Planting of Manoranjitham foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge."	Each	275.00
HC-W0091	PD-1679	Planting of Meinia erecta foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	48.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0092	PD-1680	"Planting of Murraya exotica foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge."	Each	48.00
HC-W0093	PD-1681	"Planting of Nerium oleander foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge."	Each	61.00
HC-W0094	PD-1682	Planting of Nerium oleander dwarf foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	72.00
HC-W0095	PD-1683	Planting of Pandanus ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	65.00
HC-W0096	PD-1684	Planting of Pachystachys lutea -Lollipop plant ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	73.00
HC-W0097	PD-1685	Planting of Parijatham - Nycatanthus arbortristis ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	54.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0098	PD-1686	Planting of Pedilanthus ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	40.00
HC-W0099	PD-1687	Planting of Phyllodendron varieties ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	217.00
HC-W0100	PD-1688	"Planting of Pisonia ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	111.60
HC-W0101	PD-1689	Planting of Plumbago foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	55.00
HC-W0102	PD-1690	"Planting of Purple Fountain Grass – Pennisetum setaceum 'Cupreum' foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	48.00
HC-W0103	PD-1691	Planting of Rose (Edward rose / Paneer rose) foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	55.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0104	PD-1692	Planting of Rukkalia foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	48.00
HC-W0105	PD-1693	Planting of Russelia foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	48.00
HC-W0106	PD-1694	Planting of Schefflera variated ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	83.00
HC-W0107	PD-1695	Planting of Syzygium myrtifolium Plant ornamental foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	49.00
HC-W0108	PD-1696	"Planting of Tabernum dwarf foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	56.00
HC-W0109	PD-1697	"Planting of Tabernum green foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	64.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0110	PD-1698	Planting of Tabernum varigated foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	74.00
HC-W0111	PD-1699	Planting of Tecoma goudi choudi foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	60.00
HC-W0112	PD-1700	"Planting of Tecoma capensis foliage shrub variety of height 30-45 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	64.00
HC-W0113	PD-1701	Planting of Adena calama foliage creeper variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	54.00
HC-W0114	PD-1702	Planting of Allamanda foliage creeper variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	62.00
HC-W0115	PD-1703	Planting of Bluebell foliage creeper variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	54.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0116	PD-1704	Planting of Clerodendrum thomsoniae foliage creeper variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	114.00
HC-W0117	PD-1705	Planting of Ficus pumila (wall sticker/ creeper) foliage creeper variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	105.00
HC-W0118	PD-1706	Planting of Garlic vine - Mansoa alliacea/ Psuedocalymma alliaum foliage creeper variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	93.00
HC-W0119	PD-1707	Planting of Ivy (Hydera) ornamental foliage creeper variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	44.00
HC-W0120	PD-1708	Planting of Jasmin grandiflourm foliage creeper variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	54.00
HC-W0121	PD-1709	Planting of Passiflora edulis foliage creeper variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	49.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0122	PD-1710	Planting of Pothas foliage creeper variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	51.00
HC-W0123	PD-1711	Planting of Rangoon foliage creeper variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	69.00
HC-W0124	PD-1712	Planting of Thumbergia foliage creeper variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	111.00
HC-W0125	PD-1713	Planting of Vernonia foliage creeper variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	35.00
HC-W0126	PD-1714	Planting of Aerva ornamental foliage Ground cover variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of sapling at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	33.00
HC-W0127	PD-1715	Planting of Alternanthera varigated ornamental foliage Ground cover variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of sapling at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	40.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0128	PD-1716	Planting of Chlorophytum ornamental foliage Ground cover variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of sapling at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	56.00
HC-W0129	PD-1717	Planting of Hemigraphis ornamental foliage Ground cover variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of sapling at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	62.00
HC-W0130	PD-1718	Planting of Ipomea ornamental foliage Ground cover variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of sapling at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	47.00
HC-W0131	PD-1719	Planting of Lantana foliage Ground cover variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of sapling at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	36.00
HC-W0132	PD-1720	Planting of Ophiopogon ornamental foliage Ground cover variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of sapling at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	64.00
HC-W0133	PD-1721	Planting of Portulaca ornamental foliage Ground cover variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of sapling at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	33.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0134	PD-1722	Planting of Syngonium foliage Ground cover variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of sapling at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	77.00
HC-W0135	PD-1723	Planting of Tradescantia ornamental foliage Ground cover variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of sapling at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	55.00
HC-W0136	PD-1724	Planting of Verbena foliage Ground cover variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of sapling at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	41.00
HC-W0137	PD-1725	Planting of Wedelia trilobata foliage Ground cover variety in Polythene bag of size 6x7 inch the rate including loading and unloading charges, transportation, stacking of sapling at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	47.00
HC-W0138	PD-1726	Planting of Adenium Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	484.00
HC-W0139	PD-1727	Planting of Bottle brush gold foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	302.50

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0140	PD-1728	"Planting of Bougainvillea Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	350.00
HC-W0141	PD-1729	Planting of Cautus Varieties foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	726.00
HC-W0142	PD-1730	"Planting of Calliandra foliage Specimen plant variety of height 105- 120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge"	Each	825.00
HC-W0143	PD-1731	Planting of Cycus revoluta 21- 30 Leaves ornamental foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	2420.00
HC-W0144	PD-1732	Planting of Dendrolobium Umbellatum (Golden Horse Bush) Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	750.00
HC-W0145	PD-1733	"Planting of Eugenia uniflora Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	750.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0146	PD-1734	Planting of Ficus starlight ornamental foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	2233.00
HC-W0147	PD-1735	Planting of Ficus benjamina green ornamental foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	1254.00
HC-W0148	PD-1736	Planting of Ficus panda ornamental foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	475.00
HC-W0149	PD-1737	Planting of Ficus benjamina variegated ornamental foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	1254.00
HC-W0150	PD-1738	Planting of Furcareia ornamental foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	511.00
HC-W0151	PD-1739	Planting of Ixora dwarf foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	200.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0152	PD-1740	"Planting of Ixora foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	150.00
HC-W0153	PD-1741	Planting of Juniperous ornamental foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	502.00
HC-W0154	PD-1742	Planting of Mussanda ornamental foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	255.00
HC-W0155	PD-1743	Planting of Nolinum ornamental foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	462.00
HC-W0156	PD-1744	Planting of Poinsetia ornamental foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	474.00
HC-W0157	PD-1745	Planting of Plumaria Dwarf ornamental foliage Specimen plant variety of height 105- 120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	495.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0158	PD-1746	"Planting of Terminalia Metalica ornamental foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	3795.00
HC-W0159	PD-1747	Planting of Terminalia Metalica green ornamental foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	1560.00
HC-W0160	PD-1748	Planting of Thuja ornamental foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	375.00
HC-W0161	PD-1749	Planting of Travellers palm ornamental foliage Specimen plant variety of height 105-120 cm in polythene bag of size 16x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	1071.00
HC-W0162	PD-1750	"Supplying and Planting of Bismarckia palm variety of height 180-210 cm in polythene bag of size 16x16 inch including supporting stack of 5cm dia casurina pole of 10' height including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	4481.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0163	PD-1751	"Supplying and Planting of Caryota palm variety of height 180-210 cm in polythene bag of size 16x16 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	1278.00
HC-W0164	PD-1752	Supplying and Planting of Cyrtostachys renda (Red Lipstick palm) palm variety of height 180-210 cm in polythene bag of size 16x16 inch, including supporting stack of 5cm dia casurina pole of 10' height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	2109.00
HC-W0165	PD-1753	Supplying and Planting of Dypsis lutescens (Areca palm) palm variety of height 180-210 cm in polythene bag of size 16x16 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	583.00
HC-W0166	PD-1754	"Supplying and Planting of Kentia palm variety of height 180-210 cm in polythene bag of size 16x16 inch including supporting stack of 5cm dia casurina pole of 10' height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	842.80
HC-W0167	PD-1755	Supplying and Planting of Livistona rotundifolia palm variety of height 180-210 cm in polythene bag of size 16x16 inch including supporting stack of 5cm dia casurina pole of 10' height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	930.10

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0168	PD-1756	"Supplying and Planting of Picharidia palms variety of height 180-210 cm in polythene bag of size 16x16 inch including supporting stack of 5cm dia casurina pole of 10' height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	930.10
HC-W0169	PD-1757	"Supplying and Planting of Raphis palm variety of height 180-210 cm in polythene bag of size 16x16 inch including supporting stack of 5cm dia casurina pole of 10' height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	930.10
HC-W0170	PD-1758	Supplying and Planting of Roystonea regia (Royal palms) palm variety of height 180-210 cm in polythene bag of size 16x16 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	1555.90
HC-W0171	PD-1759	Supplying and Planting of Seaforthia elegans palm variety of height 180-210 cm in polythene bag of size 16x16 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	1488.30
HC-W0172	PD-1760	Supplying and Planting of Witchie meril gold palm variety of height 180-210 cm in polythene bag of size 16x16 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	2600.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0173	PD-1761	Supplying and Planting of Witchie meril green palm variety of height 180-210 cm in polythene bag of size 16x16 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	1488.30
HC-W0174	PD-1762	"Supplying and Planting of Wodyetia bifurcata (Foxtail palms) palm variety of height 180-210 cm in polythene bag of size 16x16 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	980.00
HC-W0175	PD-1763	Planting of Aloe vera Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	59.00
HC-W0176	PD-1764	Planting of Avaram Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	39.00
HC-W0177	PD-1765	Planting of Insulin Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	98.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0178	PD-1766	"Planting of Karisalankanni Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge."	Each	65.00
HC-W0179	PD-1767	Planting of Karpuravalli Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	39.00
HC-W0180	PD-1768	Planting of Karuveppillai Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	39.00
HC-W0181	PD-1769	Planting of Lemon grass Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	59.00
HC-W0182	PD-1770	Planting of Maruthani Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	39.00
HC-W0183	PD-1771	Planting of Mint thulasi Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	46.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0184	PD-1772	Planting of Mudakathan Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	46.00
HC-W0185	PD-1773	Planting of Nannari Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	59.00
HC-W0186	PD-1774	Planting of Neermulli Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	46.00
HC-W0187	PD-1775	Planting of Nochi Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	26.00
HC-W0188	PD-1776	Planting of Omavalli Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	46.00
HC-W0189	PD-1777	Planting of Orthosiphon (Poonai Mesai) Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	46.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0190	PD-1778	Planting of Pirandai Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	39.00
HC-W0191	PD-1779	Planting of Siriyanangai plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	65.00
HC-W0192	PD-1780	Planting of Seeni thulasi Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	195.00
HC-W0193	PD-1781	Planting of Thippili Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	98.00
HC-W0194	PD-1782	Planting of Thiruneetru pachilai Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	39.00
HC-W0195	PD-1783	Planting of Thotta sinungi Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	39.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0196	PD-1784	Planting of Thuthuvalai Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	39.00
HC-W0197	PD-1785	Planting of Vallarai Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	39.00
HC-W0198	PD-1786	Planting of Vellai erukkan Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	98.00
HC-W0199	PD-1787	Planting of Vetiver Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	33.00
HC-W0200	PD-1788	Planting of Vetriellai Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	33.00
HC-W0201	PD-1789	Planting of Vinca rosea Herbal plant variety of height 20-25 cm in polythene bag of size 6x7 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	33.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0202	PD-1790	Planting of Cynodon dactylon (Arugampul) Grass including necessary soil preparation, transportation, loading and unloading charges etc., as directed by the site in-charge.	1 Sqm	87.60
HC-W0203	PD-1791	Planting of G2 grass including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	1 sqm	154.20
HC-W0204	PD-1792	Truffing of Korean grass / mexican grass including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	1 sqm	342.10
HC-W0205	PD-1793	Planting of Shade grass including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	1 sqm	154.20
HC-W0206	PD-1794	"Supplying and Planting of Albizia tree sapling of height 240 –300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	577.00
HC-W0207	PD-1795	Supplying and Planting of Alstonia scholaris tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	550.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0208	PD-1796	"Supplying and Planting of Acacia tree sapling of height 240 –300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	705.00
HC-W0209	PD-1797	"Supplying and Planting of Ashoka tree sapling of height 240 –300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	808.00
HC-W0210	PD-1798	Supplying and Planting of Bael – Aegel marmelos tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge	Each	794.00
HC-W0211	PD-1799	Supplying and Planting of Bauhinia purpurea tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed bythe site in-charge.	Each	669.00
HC-W0212	PD-1800	"Supplying and Planting of Bauhinia acuminate (white colour) tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed bythe site in-charge."	Each	575.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0213	PD-1801	"Supplying and Planting of Bauhinia blakeana (purple colour) tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	575.00
HC-W0214	PD-1802	Supplying and Planting of Calophyllum inophyllum tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	654.00
HC-W0215	PD-1803	"Supplying and Planting of Cassia fistula tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	923.00
HC-W0216	PD-1804	Supplying and Planting of Cocoloba Unifera tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	2477.00
HC-W0217	PD-1805	"Supplying and Planting of Couroupita guianensis – Cannon Ball Tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge"	Each	826.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0218	PD-1806	Supplying and Planting of Cordia sebestena tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	692.00
HC-W0219	PD-1807	"Supplying and Planting of Cordia obliqua tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	550.00
HC-W0220	PD-1808	Supplying and Planting of Dalbergia sissoo tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	692.00
HC-W0221	PD-1809	"Supplying and Planting of Erythrina tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	385.00
HC-W0222	PD-1810	"Supplying and Planting of Ficus elastica tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	885.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0223	PD-1811	Supplying and Planting of Ficus bengalensis tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	616.00
HC-W0224	PD-1812	"Supplying and Planting of Ficus religiosa tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	616.00
HC-W0225	PD-1813	"Supplying and Planting of Ficus lyrata tree sapling of height 240–300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	2703.00
HC-W0226	PD-1814	Supplying and Planting of Hibiscus tiliaceus tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	692.00
HC-W0227	PD-1815	"Supplying and Planting of Kigelia pinnata tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	731.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0228	PD-1816	"Supplying and Planting of Lagerstroemia tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	616.00
HC-W0229	PD-1817	Supplying and Planting of Lannea coromandelica tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	308.00
HC-W0230	PD-1818	"Supplying and Planting of Melia dubia tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	692.00
HC-W0231	PD-1819	Supplying and Planting of Mimosa elengi tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	654.00
HC-W0232	PD-1820	Supplying and Planting of Millingtonia hortensis tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	475.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0233	PD-1821	"Supplying and Planting of Neem tree sapling of height 240–300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	692.00
HC-W0234	PD-1822	"Supplying and Planting of Peltophorum tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	577.00
HC-W0235	PD-1823	"Supplying and Planting of Plumeria tree sapling of height 240–300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge"	Each	1154.00
HC-W0236	PD-1824	"Supplying and Planting of Poovarasu tree sapling of height 240–300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	654.00
HC-W0237	PD-1825	"Supplying and Planting of Pungam tree sapling of height 240 –300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	692.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0238	PD-1826	Supplying and Planting of Pterocarpus marsupium tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	576.00
HC-W0239	PD-1827	"Supplying and Planting of Saraca indica tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	654.00
HC-W0240	PD-1828	"Supplying and Planting of Michelia champaka (Shenbagam) tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	654.00
HC-W0241	PD-1829	Supplying and Planting of Spathodea campanulata tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	692.00
HC-W0242	PD-1830	"Supplying and Planting of Sterculia tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	577.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0243	PD-1831	Supplying and Planting of Swietenia macrophylla tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	692.00
HC-W0244	PD-1832	Supplying and Planting of Syzygium cumini tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	692.00
HC-W0245	PD-1833	Supplying and Planting of Tabebuia argentea tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge	Each	654.00
HC-W0246	PD-1834	Supplying and Planting of Tabebuia avellanedae tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	692.00
HC-W0247	PD-1835	"Supplying and Planting of Tabebuia rosea tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	692.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0248	PD-1836	Supplying and Planting of Terminalia arjuna tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	654.00
HC-W0249	PD-1837	Supplying and Planting of Terminalia catappa tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	616.00
HC-W0250	PD-1838	Supplying and Planting of Terminalia bellirica tree sapling of height 240 – 300 cm in polythene bag of size 20x21 inch including supporting stack of 5 cm dia casurina pole of 10 feet height, including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	580.00
HC-W0251	PD-1839	Supplying and Planting of Bamboo grass variegeta tree sapling of height 300 - 360 cm in polythene bag of size 15x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	1700.00
HC-W0252	PD-1840	"Supplying and Planting of Black Bamboo tree sapling of height 300 - 360 cm in polythene bag of size 15x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	1022.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0253	PD-1841	Supplying and Planting of Budha Belly Bamboo tree sapling of height 300 - 360 cm in polythene bag of size 15x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	744.10
HC-W0254	PD-1842	"Supplying and Planting of Cane Bamboo tree sapling of height 300 - 360 cm in polythene bag of size 15x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge."	Each	1042.00
HC-W0255	PD-1843	Supplying and Planting of Golden Bamboo tree sapling of height 300 - 360 cm in polythene bag of size 15x16 inch including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.	Each	403.00
HC-W0256	PD-1844	Supplying of plastic Potted plants – Aralia size of dia 12 inch including loading and unloading charges, transportation, etc as directed by the site in-charge.	Each	412.00
HC-W0257	PD-1845	Supplying of plastic Potted plants Areca palms size of dia 12 inch including loading and unloading charges, transportation, etc as directed by the site in-charge.	Each	495.00
HC-W0258	PD-1846	Supplying of plastic Potted plants Aglonema size of dia 12 inch including loading and unloading charges, transportation, etc as directed by the site in-charge.	Each	495.00
HC-W0259	PD-1847	Supplying of plastic Potted plants Anthurium size of dia 12 inch including loading and unloading charges, transportation, etc as directed by the site in-charge.	Each	605.00
HC-W0260	PD-1848	Supplying of plastic Potted plants Bogainvillea size of dia 12 inch including loading and unloading charges, transportation, etc as directed by the site in-charge	Each	715.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0261	PD-1849	Supplying of plastic Potted plants Diffenbachia size of dia 12 inch including loading and unloading charges, transportation, etc as directed by the site in- charge	Each	505.00
HC-W0262	PD-1850	"Supplying of plastic Potted plants Dracena Babydoll size of dia 12 inch including loading and unloading charges, transportation, etc as directed by the site in- charge"	Each	410.00
HC-W0263	PD-1851	Supplying of plastic Potted plants Dracena Song of India size of dia 12 inch including loading and unloading charges, transportation, etc as directed by the site in- charge	Each	490.00
HC-W0264	PD-1852	"Supplying of plastic Potted plants Ficus benjamina size of dia 12 inch including loading and unloading charges, transportation, etc as directed by the site in-charge"	Each	1350.00
HC-W0265	PD-1853	Supplying of plastic Potted plants Ficus ponda size of dia 12 inch including loading and unloading charges, transportation, etc as directed by the site in- charge	Each	1350.00
HC-W0266	PD-1854	Supplying of plastic Potted plants Maranta size of dia 12 inch including loading and unloading charges, transportation, etc as directed by the site in-charge	Each	520.00
HC-W0267	PD-1855	Supplying of plastic Potted plants Poinsettia size of dia 12 inch including loading and unloading charges, transportation, etc as directed by the site in-charge	Each	454.00
HC-W0268	PD-1856	"Supplying of plastic Potted plants Red lipstick palms size of dia 12 inch including loading and unloading charges, transportation, etc as directed by the site in-charge"	Each	1950.00
HC-W0269	PD-1857	Supplying and Planting of Topiary for various shapes and sizes of 4ft to 5ft in Pot of dia 45 cm including loading and unloading charges, transportation, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in- charge.	Each	16250.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0270	PD-1858	Development of Miyawaki Forest: (Dense Forest) Cost includes the following works: Soil assessment & study to determine most suitable soil nourishment Materials. Excavation of the soil up to a minimum depth of 1 meter with earth Movers. Mixing the organic Materials with the soil (including Red Soil wherever necessary) like cocopeat, Paddy husk, vermi- compost, Hay Mixing the layout & fixing the tree locations, planting of 3 nos of Nativity tree saplings in one Sq.m. Adding of Organic fertilizer to the plants. The entire forest floor will be covered with mulch during forest creation with Most appropriate soil mulching material including Support Sticks for sapling that need support during initial growth and Manpower for all forest creation related work with necessary tools and equipments and including maintenance of One year. (excluding irrigation, civil works)	1 Sq.M	1320.00
HC-W0271	PD-1859	Supplying of Round Cement pot size of dia 24 inch with plates including loading and unloading charges, transportation, etc as directed by the site in-charge.	Each	850.00
HC-W0272	PD-1860	Supplying of Square Cement pot size of 22x22 inch with plates including loading and unloading charges, transportation, etc as directed by the site in-charge.	Each	1225.00
HC-W0273	PD-1861	Supplying of Rectangle Cement pot size of 18x36 inch with plates including loading and unloading charges, transportation, etc as directed by the site in-charge.	Each	2000.00
HC-W0274	PD-1862	Supplying of Plastic pot size of dia 12 inch black with plates including loading and unloading charges, transportation, etc as directed by the site in-charge.	Each	150.00
HC-W0275	PD-1863	Supplying of Plastic pot size of dia 12 inch brown with plates including loading and unloading charges, transportation, etc as directed by the site in-charge.	Each	180.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0276	PD-1864	Supplying of Plastic pot size of dia 24 inch black with plates including loading and unloading charges, transportation, etc as directed by the site in-charge.	Each	320.00
HC-W0277	PD-1865	Supplying of Plastic pot size of dia 24 inch brown with plates including loading and unloading charges, transportation, etc as directed by the site in-charge.	Each	350.00
HC-W0278	PD-1866	"Supplying of Soul Design special planter pot of 45 inch dia and size 95*35 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in charge."	Each	6260.00
HC-W0279	PD-1867	"Supplying of D- Planter pot of 60 inch dia and size 80*40 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	5470.00
HC-W0280	PD-1868	"Supplying of Big Round pot of 75 inch dia and size 80*50 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	6150.00
HC-W0281	PD-1869	"Supplying of Round Planter pot of 55 inch dia and size 65*30 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	4250.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0282	PD-1870	"Supplying of Small Round Planter pot of 35 inch dia and size 40*23 in Centimeter., Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	1880.00
HC-W0283	PD-1871	"Supplying of Big Cone pot of 55 inch dia and size 80*30 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	4065.00
HC-W0284	PD-1872	"Supplying of Small Cone pot of 40 inch dia and size 40*30 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	1880.00
HC-W0285	PD-1873	"Supplying of Big Square pot of 100 inch dia and size 100*100 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	13670.00
HC-W0286	PD-1874	"Supplying of Big Square pot of 38 inch dia and size 80*38 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	3620.00
HC-W0287	PD-1875	"Supplying of Medium Square pot of 38 inch dia and size 60*38 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	3110.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0288	PD-1876	"Supplying of Small Square pot of 38 inch dia and size 40*38 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	1990.00
HC-W0289	PD-1877	"Supplying of Small Rectangle 2' pot of 60 inch dia and size 30*30 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	1750.00
HC-W0290	PD-1878	"Supplying of Small Rectangle 3' pot of 90 inch dia and size 30*30 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	2890.00
HC-W0291	PD-1879	"Supplying of Small Rectangle 4' pot of 122 inch dia and size 30*30 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	3590.00
HC-W0292	PD-1880	"Supplying of Supplying of Rectangle (4') pot of 122 inch dia and size 45*45 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in charge."	Each	5900.00
HC-W0293	PD-1881	"Supplying of Rectangle (3') pot of 90 inch dia and size 45*45 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	4800.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0294	PD-1882	"Supplying of Big Corner pot of 38 inch dia and size 80*38 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	5775.00
HC-W0295	PD-1883	"Supplying of Rectangle (4' *1') pot of 122 inch dia and size 45*30 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	3975.00
HC-W0296	PD-1884	"Supplying of Small Corner pot of 38 inch dia and size 40*38 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	1990.00
HC-W0297	PD-1885	"Supplying of Bottom plate pot of 45 inch dia and size 10*38 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	1280.00
HC-W0298	PD-1886	"Supplying of Big Lilly Bond pot of 150 inch dia and size 55*60 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	8650.00
HC-W0299	PD-1887	"Supplying of Small LillyBond pot of 60 inch dia and size 30*20 in Centimeter, Various size pots made up of 6mm rod & chicken mesh with cement moulded pots and designer painting with various size plates including loading and unloading charges, transportation, etc as directed by the site in-charge."	Each	2510.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0300	PD-1888	"Preparation of Mounds of various size and shape by available excavated/ Supplied earth in layers not exceeding 20 cm in depth, breaking clods, watering of each layer, dressing etc., lead upto 50 meter and lift upto 1.5 m complete as per direction of Officer - in - charge."	Cu.m	422.93
HC-W0301	PD-1889	"Design, fabrication and installation of simple vault tensile fabric work and Steel structure using Belgian make tensile polyester fabric, steel frames by ISO standard acclaimed CE certified installer with structural stability vetting from Anna university ,Chennai having using FLUOMAX Coated Architectural Membrane having tensile strength not less than 4300 N/50mm/ 4200 N/50mm (Warp/ Weft) and Tear strength not less than 600 N/ 500 N (Warp/ Weft) of make SIOEN Belgium or equivalent, cables, complete perimeter attachment system, and all normally associated components with machines for Fabrication using swiss make Zund cutting machine and Belgian make Architectural Membrane on 20KW Forsstrom High Frequency Welding Machine with SEAMLESS WELDS 50 mm weld width X 1400 mm- Single Stroke all PVC joints shall be formed to a tolerance of +1mm, -1mm and shall be assembled to ensure that seams are always single laid and attaining seamless finish by that a cut edge does not face uphill and membrane used to have a double lacquering made out of highly concentrated FLUOMAX PVDF on both side, double PVC coating and be weldable without grinding to make sure the fabric have less environmental impact the fabricator has to deliver evidence of REAC conformit a per the European Norms the fabric to have Color light fastness not less than >6 Note in accordance with the German standard DIN 54004, DIN EN ISO 105 B02 and have 15 years manufacturer warranty All Fabric supplied and installed shall be in accordance with this specification and shall be guaranteed against water leakage, faulty materials and Mild steel structure supplied are made of high quality pure steel HR coil and the tubes to conform"	Sq.m	9735.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0302	PD-1890	"Supplying, erecting and Fixing precast reinforcement bench with back rest. Bench shall consist of 2 nos. L shaped bases support in natural cement color of thickness 100mm, back height 1000mm, front height 450mm, base width 620mm and 5Nos Reinforced Concrete planks in red color and size of 1500x100x50mm and 1no. reinforced concrete plank of 150x200x50mm: manufactured by using M-30 grade concrete & reinforced suitably: all parts to be joined with galvanized nuts and bolts of suitable size."	1 No	9994.60
HC-W0303	PD-1891	Core cutting in concrete slab 100 mm to 200mm for pipe rooting for suitable dia 100mm to 300mm	1 No	4320.00
HC-W0304	PD-1892	Providing, fixing, Testing & Commissioning of PVC Ball valve with quarter turn including all necessary fittings & accessories complete. PIMTAS / AQVASTAR make 100 mm (4 ")	1 No	7230.00
HC-W0305	PD-1893	Providing, fixing, Testing & Commissioning of PVC Ball valve with quarter turn including all necessary fittings & accessories complete. PIMTAS / AQVASTAR make 80 mm (3 ")	1 No	6850.00
HC-W0306	PD-1894	Providing, fixing, Testing & Commissioning of PVC Ball valve with quarter turn including all necessary fittings & accessories complete. PIMTAS / AQVASTAR make 65 mm (2.5 ")	1 No	4752.00
HC-W0307	PD-1895	Providing, fixing, Testing & Commissioning of PVC Ball valve with quarter turn including all necessary fittings & accessories complete. PIMTAS / AQVASTAR make 50 mm (2 ")	1 No	3500.00
HC-W0308	PD-1896	Providing, fixing, Testing & Commissioning of PVC Ball valve with quarter turn including all necessary fittings & accessories complete. PIMTAS / AQVASTAR make 40 mm (1.5 ")	1 No	3320.00
HC-W0309	PD-1897	Providing, fixing, Testing & Commissioning of PVC Ball valve with quarter turn including all necessary fittings & accessories complete. PIMTAS / AQVASTAR make 32 mm (1.25 ")	1 No	2240.00
HC-W0310	PD-1898	Providing, fixing, Testing & Commissioning of PVC Ball valve with quarter turn including all necessary fittings & accessories complete. PIMTAS / AQVASTAR make 25 mm (1.00")	1 No	2135.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0311	PD-1899	Providing, fixing, Testing & Commissioning of PVC Ball valve with quarter turn including all necessary fittings & accessories complete. PIMTAS / AQVASTAR make 20 mm (3/4 ")	1 No	1935.00
HC-W0312	PD-1900	Providing, fixing, Testing & Commissioning of PVC Ball valve with quarter turn including all necessary fittings & accessories complete. PIMTAS / AQVASTAR make 16 mm (1/2 ")	1 No	1490.00
HC-W0313	PD-1901	Supply of Gunmetal non return valve 3.0 " dia. (ISI)	1 No	23150.00
HC-W0314	PD-1902	Supply of Gunmetal non return valve 2.0 " dia. (ISI)	1 No	8720.00
HC-W0315	PD-1903	Supply of 10" Round valve box with greenlid and corrugated structure with unique shovel access slot and bolt hole knockout.	1 No	4555.00
HC-W0316	PD-1904	Supply of Quick coupling valve made up of Aluminium with locking cover corrosion resistant and stainless steel spring.	1 No	1360.00
HC-W0317	PD-1905	Supply of Key threads into top of QCV to provide water access.	1 No	1190.00
HC-W0318	PD-1906	Supply of 6"Round box with greenlid and corrugated structure with unique shovel access slot and bolt hole knockout.	1 No	1640.00
HC-W0319	PD-1907	"Supply, Fixing & commissioning of Pop up spray RD 1804 SAM PRS Series Spray bodies with high efficiency HE VAN Nozzle capable of covering radius of 0.9-4.6m at 1.0 - 2.1 Bars, pressure with Matched precipitation rate, tactile click and DU > 0.7. Triple Blade Wiper Seal precisely balances flushing, flow- by and debris protection to optimize performance and durability at pop-up and retraction. Precision-controlled flushing at pop-up and retraction clears debris, ensuring positive stem retraction in all soil types. Unique debris pockets hold grit in place, removing it from circulation and preventing long-term damage. Parts resistant to corrosion in treated recycled water containing chlorine. Pop spray body shall with stand upto 6.9 bar. Built-in Seal-A-Matic™ (SAM) check valve. Traps water in lateral pipes in elevation changes of up to 14 feet (4.2 m). PRS Maintains constant outlet pressure at 30 psi or 45 psi at varying inlet pressures. etc., RD1804- SAM PRS-HE VAN incl installation charges."	1 No	2365.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0320	PD-1908	"Supply, Fixing & commissioning of Pop up spray head RD 1804 SAM PRS Series Spray bodies, with Rotary nozzle with capable of covering 4.0-7.3m at 1.4 - 3.8 Bars pressure, Rotary nozzles shall have hand adjustable (without tools) radius and arc-45 to 270 degree or full circle True flushing mechanism, Thick streams and large water droplet & Low precipitation rate Triple Blade Wiper Seal precisely balances flushing, flow-by and debris protection to optimize performance and durability at pop-up and retraction. Precision-controlled flushing at pop-up and retraction clears debris, ensuring positive stem retraction in all soil types. Unique debris pockets hold grit in place, removing it from circulation and preventing long-term damage. Parts resistant to corrosion in treated recycled water containing chlorine. Pop spray body shall with stand upto 6.9 bar. Built-in Seal-A-Matic™ (SAM) check valve. Traps water in lateral pipes in elevation changes of up to 14 feet (4.2 m). PRS Maintains constant outlet pressure at 30 psi or 45 psi at varying inlet pressures, Flow-Shield™ technology and molded purple / White covers. etc. including installation charges"	1 No	2505.00
HC-W0321	PD-1909	"Supply, Fixing & commissioning of 5004 PLUS SAM PRS Series Rotor pop up sprinkler full/part circle having radius of 6.7m - 12m @ 2.5 - 4.5 bar with discharge of 0.09 - 0.61 ltr./sec. the sprinklers having Arc Adjust thru Top Cover w/ Std. Screwdriver The sprinkler is gear driven rotary type with having 3/4" bottom inlet. Oversized wiper seal, Rain Curtain technology, gentle close-in watering and Self-flushing arc adjustment port and also having tapered riser stem with Wiper Seal The sprinkler shall have Plus (PL) Flow shut off, 45 psi pressure regulator with flow optimizer technology, internal Seal - A - Matic device which prevents low head drainage (upto 3.1m) & hence puddling & erosion. The body of sprinkler is of non - corrodible, heavy duty, ABS plastic. O-ring Slip Clutch, Ratcheting Slip Clutch, Side Inlet Available 6" and 12",Turret- mounted ID Plugs, Flow Stop Available, Non-potable water indication available etc., complete including installation charges."	1 No	4325.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0322	PD-1910	"Supply of 1/2"" Pop up connecting swing joint assembly. The tubing shall be made of polyethylene having wall thickness of 2.3mm ,a working pressure of 5.5 kg/cm2 at 430C and a surge pressure of 16.6 kg/cm2. The fittings shall be made of UV resistant thermo plastic.SA Series including installation charges."	1 No	830.00
HC-W0323	PD-1911	"Supply of 3/4"" Pop up connecting swing joint assembly. The tubing shall be made of polyethylene having wall thickness of 2.3mm, a working pressure of 5.5 kg/cm2 at 43 C and a surge pressure of 16.6 kg/cm2. The fittings shall be made of UV resistant thermo plastic.SA Series including installation charges."	1 No	855.00
HC-W0324	PD-1912	Supply of 3.0" Twin Disc Filter 50 M ³ / Hr. including installation charges. (brands like Rain Bird or equivalent)	1 No	48460.00
HC-W0325	PD-1913	"Supply of large capacity Disc filter 25 M ³ /Hr. including installation charges. (brands like Rain Bird or equivalent)"	1 No	25270.00
HC-W0326	PD-1914	Flexible polyethelene irrigation pipe 16 mm dia / 2.5 / 1.1 - 1.4 mm CL - II. " Netafim " including installation charges.	1 Mtr	36.00
HC-W0327	PD-1915	Supply of endcap, nipple, start nipple, rubber grommet 16 mm dia. "Netafim" including installation charges.	1 Set	46.00
HC-W0328	PD-1916	Supply of Pressure compensated dripper with 2 / 4 / 8 LPH outlet flow. Rain Bird / Netafim make including installation charges.	1 No	15.00
HC-W0329	PD-1917	Supply of Micro sprinkler of half & full circle with 55 LPH output flow with necessary micro tube & stake. Rain Bird / JISL make including installation charges.	1 No	100.00
HC-W0330	PD-1918	"DRIPNET PCAS 16008 2.0L/H 0.30M 500M including installation charges."	1 Mtr	47.00
HC-W0331	PD-1919	Supply of Imported HDPE service saddle of varying size including installation charges.	1 No	838.00
HC-W0332	PD-1920	"Supply of Navc10 (or Equivalent Brand) - 2" dia Combination AV PN 10 BSP including installation charges."	1 No	3134.00

Unique Code	Sch. No	Description	Unit	Basic Rate approved in the year 2024-25 (w.e.f. 15.07.2024)
HC-W0333	PD-1921	"Supply of 2 Q. Pressure relief 33Q-Y-P-BSP-2W-K including installation charges."	1 No	34410.00
HC-W0334	PD-1922	"Supply & erection of green wall panel comprising of soilless media along with suitable plants. The frame work structure shall be made of M.S. Tubular Pipe of size 2" X 1", thickness of 4mm with primer & two coats of anti corrosive paint. Planter box made up of HDPE material. This green wall panel includes drip irrigation PE Pipe, PCJ Dripper, PE Pipe, Connectors, PVC pipe & fittings along with heavy duty PVC Ball Valve and 1 H.P. Motor including installation and testing charges"	Sq.ft	2995.00