

Tender Inviting Authority: Superintending Engineer Electricity Civil Distribution Circle, PUVNL, Meerut.

Name of Work: Roof Treatment & Toilet Repair work and Miscellaneous Civil work of Electricity Distribution Division-II Meerut at Victoria Park, Meerut.

T.S. No: 26/ECDC/MRT/2022-23

Sr. No.	Item Description	Quantity	Units	Estimate d Rate	TOTAL AMOUNT	TOTAL AMOUNT In Words
				in Rs. P	in Rs. P	
1	2	4	5	6	7	8
1	Concrete with 4cm gauge stone ballast, coarse sand (F.M. 1.8 to 2.5) & cement in proportion of 12:6:1 in foundations & under floors including supply of all materials, labour and tools and plants etc. required for proper completion. CSI No. 5.02	0.50	Cum	4971.00 ✓	2485.50	INR Two Thousand Four Hundred & Eighty Five and Paise Fifty Only
2	Cement concrete with 2cm gauge approved hard stone ballast, coarse sand (F.M. 1.8 to 2.5) and cement in proportion of 4:2:1 including supply of all materials, labour, side shuttering if required and T&P etc. required for proper completion of work. CSI No. 5.06	1.00	Cum	6520.00 ✓	6520.00	INR Six Thousand Five Hundred & Twenty Only
3	1st class brick work in 1:6 C.M. with cement and coarse sand of 2.25 F.M. mortar in super structure including for wall of half brick 4.5" (115 mm) thick but in 1:6 C.M. with cement and coarse sand of 2.25 F.M. mortar.. CSI No. 6.01+6.09	0.30	Cum	4971.00 ✓	1491.30	INR One Thousand Four Hundred & Ninety One and Paise Thirty Only
4	Brick work in foundation & plinth with old dismantled bricks (supplied by department free of cost) and coarse sand of F.M. 1.8 to 2.5 mortar in 1:6 including supply of all other materials, labour, removing mortar & cleaning of old & used bricks, T&P etc complete. CSI No. 6.18	0.50	Cum	2572.00 ✓	1286.00	INR One Thousand Two Hundred & Eighty Six Only
5	Supply and fixing Stainless Steel mosquito proof heavy quality iron wire mesh of 15x28 G over windows and including supply of Shisham wood battens (40x15) mm size and including supply and fixing of necessary screws all materials, labour and T&P etc. required for proper completion of the work. CSI No. 8.43	4.00	Sqm	1058.00 ✓	4232.00	INR Four Thousand Two Hundred & Thirty Two Only
6	Supply and fixing of 32 mm thick single leaf flush door shutter (boiled water resistance, phenol maldehyde resin bonded, hot pressed factory made) commercial quality to I.S.2202 part-1 (1983) ISI marked including fixing of wooden cleats and stoppers and including fixing and adjustment of hinges, bolts, locks, handles, springs and other fittings but excluding their supply including all materials, labour & T&P etc. required for proper completion of work. CSI No. 8.57	2.00	Sqm	1915.00 ✓	3830.00	INR Three Thousand Eight Hundred & Thirty Only
7	Mild Steel or Iron work in heavy sizes such as trusses built up gates, door frames, record, racks roof work gates etc. wrought to required form including holes rivetting or welding where necessary and also fixing in proper position and alignment including cost of all materials supplied by contractor. CSI No. 9.01	0.05	M.T.	83076.00 ✓	4153.80	INR Four Thousand One Hundred & Fifty Three and Paise Eighty Only
8	TMT/Tor steel in plain work such as reinforced concrete or reinforced brick work (when not included in an over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage, bend, hooks and authorized overlapping shall be measured. (Steel shall be arranged by the contractor). CSI No. 9.03	0.10	M.T.	74620.00 ✓	7462.00	INR Seven Thousand Four Hundred & Sixty Two Only
9	12 mm thick plaster with cement mortar consisting of one part of cement & three part of coarse sand (1:3), minimum thickness not to be less than 10 mm including supply of all material labour and T&P etc for proper completion of work. CSI No. 11.06	50.00	Sqm	194.00 ✓	9700.00	INR Nine Thousand Seven Hundred Only
10	Same as item No. 09 above but with 1:6 cement and coarse sand mortar. CSI No. 11.09	20.00	Sqm	169.00 ✓	3380.00	INR Three Thousand Three Hundred & Eighty Only
11	Add for extra labour to all items of plaster if done in ceiling. CSI No. 11.10	50.00	Sqm	21.00 ✓	1050.00	INR One Thousand & Fifty Only

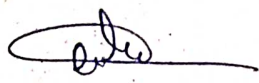
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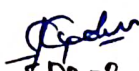
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12	Providing (12x15) mm section groove in plaster including all material, labour and T&P etc. required for proper completion of the work. CSI No. 11.16	75.00	RM	12.00 ✓	900.00	INR Nine Hundred Only
13	Making drip coarse (25x12) mm in 1:2 cement and coarse sand including supply of all materials, labour and T&P etc required for proper completion of work. CSI No. 11.19	35.00	RM	11.00 ✓	385.00	INR Three Hundred & Eighty Five Only
14	3 mm thick floating coat of neat cement finish including supply of all materials, labour and T&P etc. required for proper completion of the work. (cement consumption 0.044 bag/Sq.m.) CSI No. 11.20	44.00	Sqm	19.00 ✓	836.00	INR Eight Hundred & Thirty Six Only
15	40 cm thick 1:2:4 plain cement concrete floor with cement, approved coarse sand & 2cm graded approved stone ballast laid in panels finished with 3mm floating coat of neat cement or cement and marble dust in ratio of 5:1 as specified and removing any overlapping mortar at the joints of the panels if any and giving them a uniform finish including supply of all materials, labour and T&P etc. required for proper completion of the work. without base CC. CSI No. 12.04	5.00	Sqm	386.00 ✓	1930.00	INR One Thousand Nine Hundred & Thirty Only
16	Supply and Laying 6 mm thick glazed tiles in skirting / dado laid with 1:3 cement and approved coarse sand mortar finished with white cement slurry, jointing and polishing complete, including supply of all materials, labour and T&P etc. completion required for proper completion of the work. CSI No. 12.12	20.00	Sqm	719.00 ✓	14380.00	INR Fourteen Thousand Three Hundred & Eighty Only
17	Providing and fixing glass strips of 3.15 mm thickness & 40mm depth in joints of floor and skirting at the time of laying floors, flush with floor level including supply of all materials, labour & T&P etc. required for proper completion of work. CSI No. 12.14	35.00	RM	31.00 ✓	1085.00	INR One Thousand & Eighty Five Only
18	Supply of 80 mm thick I shaped mechanically compressed inter locking cement concrete paver block manufactured by high pressure & controlled vibration machine having plan dimension 200X(160+120 mm) with minimum 5 mm thick topping of O.P. Cement mixed with 25% marble powder. The compressive strength of concrete pavers blocks shall not be less than 30 MPa & 4.5 Kg/No. including cost of all material, labour, T&P etc. required for proper completion of work as directed by Engineer-in-charge but excluding G.S.T. which shall be paid extra as per rules. CSI No. 12.23	12.00	Sqm	974.00 ✓	11688.00	INR Eleven Thousand Six Hundred & Eighty Eight Only
19	Dismantling brick work or stone work in lime or cement mortar and including stacking of materials as directed by the Engineer-in-charge within a distance of 60 metres. CSI No. 15.01	2.00	Cum	505.00 ✓	1010.00	INR One Thousand & Ten Only
20	Dismantling reinforced cement concrete or reinforced brick work, including stacking of dismantled materials as directed by the Engineer-Incharge within a distance of 60 metres. CSI No. 15.03	12.00	Cum	1128.00 ✓	13536.00	INR Thirteen Thousand Five Hundred & Thirty Six Only
21	Dismantling cement concrete or brick or granolithic floors including base concrete and including stacking of dismantled materials as directed by the Engineer In-charge within a distance of 60 metres. CSI No. 15.05	16.30	Sqm	58.00 ✓	945.40	INR/Nine Hundred & Forty Five and Paise Forty Only
22	Dismantling doors and windows chowkhats including stacking of materials as directed by Engg-in-Charge within a distance of 60 meters. CSI No. 15.10	1.00	Sqm	69.00 ✓	69.00	INR Sixty Nine Only
23	Dismantling existing plaster including disposal of refuse as directed by the Engineer-I/C within a distance of 60 M. CSI No. 15.11	5.00	Sqm	41.00 ✓	205.00	INR Two Hundred & Five Only
24	Providing and fixing 15 mm dia B-class Jindal, JTC, ISI marked G.I. pipes complete with special such as bend, tee, socket, cross, clamp etc earth work including filling the trenches etc required for proper completion of the work. the rate also includes concealed GI fitting where required, cutting and making good the walls etc and all materials, labour and T&P complete. CSI No. 26.01(a) Same as item No. 24 but for 20 mm dia. CSI No. 26.01(b)	28.00	RM	190.00 ✓	5320.00	INR Five Thousand Three Hundred & Twenty Only
25	Providing and fixing full way 15mm dia G.M. gate valve with wheel, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.04(a)	13.00	RM	226.00 ✓	2938.00	INR Two Thousand Nine Hundred & Thirty Eight Only
26	Providing and fixing full way 20mm dia G.M. gate valve with wheel, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.04(b)	2.00	Nos	451.00 ✓	902.00	INR Nine Hundred & Two Only
27	Providing and fixing full way 20mm dia G.M. gate valve with wheel, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.04(b)	2.00	Nos	631.00 ✓	1262.00	INR One Thousand Two Hundred & Sixty Two Only

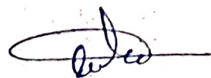

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28	Providing and fixing PVC BALL FLOAT VALVE 15 mm dia. WITH BRASS & UNION COMPLETE, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.06(a)	2.00	Nos	242.00 ✓	484.00	INR Four Hundred & Eighty Four Only
29	Providing and fixing PVC CONNECTION PIPE, 300X15 with 2 brass units ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.09	1.00	Nos	96.00 ✓	96.00	INR Ninety Six Only
30	P/F GI UNIONS NOMINAL BORE 15 mm, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.10(a)	2.00	Nos	102.00 ✓	204.00	INR Two Hundred & Four Only
31	Supply and fixing of Syntex or equivalent make water storage tank including all materials, labours, T&P etc required for proper completion of work. CSI No. 26.12	800.00	Lit	11.00 ✓	8800.00	INR Eight Thousand Eight Hundred Only
32	Providing and fixing CP BRASS BIB COCK 15 mm dia. HEAVY QUALITY (400gm) (L & K and equi.) fittings, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.16 (a)	6.00	Nos	660.00 ✓	3960.00	INR Three Thousand Nine Hundred & Sixty Only
33	Providing and fixing CP BRASS BIB COCK 15 mm dia. HEAVY QUALITY (200gm) (L & K and equi.) fittings, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.16 (b)	2.00	Nos	420.00 ✓	840.00	INR Eight Hundred & Forty Only
34	Providing and fixing CP BRASS Angle Valve HEAVY QUALITY (L&K or equi.) fittings, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.16 (i)	8.00	Nos	571.00 ✓	4568.00	INR Four Thousand Five Hundred & Sixty Eight Only
35	Providing and fixing CP BRASS Piller cock HEAVY QUALITY (L&K or equi.) fittings, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.16 (j)	2.00	Nos	628.00 ✓	1256.00	INR One Thousand Two Hundred & Fifty Six Only
36	Providing and fixing of 110 mm dia PVC pipe 6 Kg/ Sq.cm for with special such as Tee, bend, socket, elbow etc including supply of all labour, material, T & P etc complete required for proper completion of work. CSI No. 26.17	23.60	RM	257.00 ✓	6065.20	INR Six Thousand & Sixty Five and Paise Twenty Only
37	Providing and fixing first quality white glazed "Orissa" pattern W.C. Pan Hindustan, Cera make. size 580 mm. (Hindustan, Cera Make) with out "P" trap including supply of all materials, labour and T&P etc. complete. CSI No. 27.01	1.00	Nos	2354.00 ✓	2354.00	INR Two Thousand Three Hundred & Fifty Four Only
38	Same as in item no. 27.01 but of European type. CSI No. 27.02	1.00	Nos	3154.00 ✓	3154.00	INR Three Thousand One Hundred & Fifty Four Only
39	Providing and fixing flat back 430X370X340 size lipped front urinal basin of white glazed earthen ware first quality (Hindustan, Neycer make) I.S.I. marked including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 27.06	1.00	Nos	2096.00 ✓	2096.00	INR Two Thousand & Ninety Six Only
40	Providing and fixing 550X400 mm wash hand basin of white glazed earthen ware first quality I.S.I. marked (Hindustan, Neycer / Cera make) including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 27.08	2.00	Nos	3156.00 ✓	6312.00	INR Six Thousand Three Hundred & Twelve Only
41	Providing and fixing 10 litres low level PVC flushing cistern, COMPLETE WITH ALL FITTINGS including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 27.12	2.00	Nos	1320.00 ✓	2640.00	INR Two Thousand Six Hundred & Forty Only
42	Providing and fixing soap dish chromium plated with brackets fixed to wooden cleats with brass screws including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 27.19	2.00	Nos	265.00 ✓	530.00	INR Five Hundred & Thirty Only
43	Supply and fixing 100 mm. PVC Nahani Trap India make of heavy approved quality complete with CI grating, including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 27.21(b)	4.00	Nos	561.00 ✓	2244.00	INR Two Thousand Two Hundred & Forty Four Only

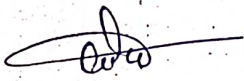

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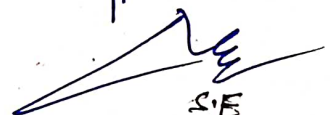
44	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement : 4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge : With average thickness of 120 mm and minimum thickness at khurra as 65 mm. CSI No.	395.00	Sqm	932.00 ✓	368140.00	INR Three Lakh Sixty Eight Thousand One Hundred & Forty Only
45	P/F openable steel glazed windows and ventilators of standard rolled Z section conforming to IS 7452 1974 and welded with (100×20×5) mm holdfast embedded in C.C. block (23×11.5×7.5) cm size of 1:2:4 proportion of cement, coarse sand, & 20mm graded stone ballast as per drawing etc. complete but excluding S/F of glass panes of 4mm thick with nuts glazing clips with special putty of approved make etc. The fabrication should conform to IS 1038 1975. including cost of all materials, labour & T&P etc. (Rate already Sanction by Agr. No. 14/2018-19)	3.00	Sqm	1457.00 ✓	4371.00	INR Four Thousand Three Hundred & Seventy One Only
46	NSI Same as Item no. 45 above but for fixed portion. (Rate already Sanction by Agr. No. 14/2018-19) NSI	2.10	Sqm	850.00 ✓	1785.00	INR One Thousand Seven Hundred & Eighty Five Only
Total in Figures					522881.20	INR Five Lakh Twenty Two Thousand Eight Hundred & Eighty One and Paise Twenty Only
Quoted Rate in Figures					0.00	INR Zero Only
Quoted Rate in Words					INR Zero Only	


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