

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

Name of Work: Miscellaneous civil repair works of old Tubular Tin Shed at Electricity Store Centre at Kherikarmu, Distt.- Shamli

T.S. No: 66 /ECDC/MRT/2022-23

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
1	Excavation in foundation in ordinary soil (loam, clay or sand) including lift upto 1.5 Metre and lead upto 30 metre including filling, watering, and ramming of excavated earth into the trenches or into the space between the building and the side of the foundation or in to the plinth and removal & disposal of surplus earth as directed by the E/I up to a distance of 30m from the foundation trenches. CSI No. 4.01	1.00	Cum	195.00	195.00	INR One Hundred & Ninety Five Only
2	Earth filling under floors and/or substation area including cost of the earth when obtained from within 8 km Outside UPPCL area including its royalty and Carriage including watering, ramming in 20cm thick layers and dressing of earth etc. All complete. CSI No. 4.10	84.00	Cum	433.00	36372.00	INR Thirty Six Thousand Three Hundred & Seventy Two Only
3	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	31.00	Cum	5509.00	170779.00	INR One Lakh Seventy Thousand Seven Hundred & Seventy Nine Only
4	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	0.20	Cum	7085.00	1417.00	INR One Thousand Four Hundred & Seventeen Only
5	Cement concrete with 2cm gauge approved hard stone ballast, coarse sand (F.M. 1.8 to 2.5) and cement in proportion of 3:1.5:1 including supply of all materials, labour, side shuttering if required and T&P etc. required for proper completion of work. CSI No. 5.21	0.10	Cum	7575.00	757.50	INR Seven Hundred & Fifty Seven and Paise Fifty Only
6	RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc from Dalla, Jhansi or other quarries in proportion 1:1.5:3 in lintels of doors and windows, excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P. CSI No. 5.23	0.10	Cum	8742.00	874.20	INR Eight Hundred & Seventy Four and Paise Twenty Only
7	RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc in proportion 1:1.5:3 in raft foundation and footings excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P. CSI No. 5.27	0.20	Cum	8344.00	1668.80	INR One Thousand Six Hundred & Sixty Eight and Paise Eighty Only
8	RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc in proportion 1:1.5:3 in RCC T-Beam slab and column excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P. CSI No. 5.29	0.20	Cum	11048.00	2209.60	INR Two Thousand Two Hundred & Nine and Paise Sixty Only
9	1st class brick (not less than class 150) work in 1:6 C.M. with cement and coarse sand (2.9 to 3.2 F.M) mortar in foundation and plinth including supply of all material, labour and T&P etc. required for proper completion of work. CSI No. 6.01	24.00	Cum	4864.00	116736.00	INR One Lakh Sixteen Thousand Seven Hundred & Thirty Six Only
10	1st class brick work in 1:6 C.M. with cement and coarse sand of 2.25 F.M. mortar in super structure including necessary cutting and moulding of brick as required including honey comb brick work, thickness of wall one brick (230mm) thick in super structure. CSI No. 6.01+6.08	2.00	Cum	5183.00	10366.00	INR Ten Thousand Three Hundred & Sixty Six Only
11	Same as item no. 10 above but 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	1.00	Cum	5343.00	5343.00	INR Five Thousand Three Hundred & Forty Three Only
12	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	1.00	Cum	2814.00	2814.00	INR Two Thousand Eight Hundred & Fourteen Only
13	Removal of cement mortar from dismantled bricks and stacking in countable position at place as directed by Engineer in charge including cost of all materials labour and T&P required for proper completion of work. CSI No. 6.22	2.00	%o	1357.00	2714.00	INR Two Thousand Seven Hundred & Fourteen Only
14	25mm. thick Damp proof course with cement concrete consisting of 1 part cement, 1½ parts approved coarse sand and 3 parts approved 12 mm graded stone grit and also including liquid water proofing material as approved Engineer-in-charge in proportion as specified by the manufacturer. CSI No. 7.02	2.00	Sqm	339.00	678.00	INR Six Hundred & Seventy Eight Only

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15	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	0.100	M.T.	98843.00	9884.30	INR Nine Thousand Eight Hundred & Eighty Four and Paise Thirty Only
16	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	0.010	M.T.	87889.00	878.89	INR Eight Hundred & Seventy Eight and Paise Eighty Nine Only
17	Supply and fixing galvanised mosquito proof jali (16x24 gauge) with M.S. flat of 20 x 3 mm. size, on both sides screwed or welded to window or door frame. CSI No. 9.18	1.00	Sqm	728.00	728.00	INR Seven Hundred & Twenty Eight Only
18	Providing and Fixing Concertina coil fencing with required dia 600 mm up to 3m height of wall existing angle iron "Y" shaped placed 2.4 m or 3.00 m apart and with 6 horizontal R.B.T. stud tied with G.I. staples and G.I. clips to retain horizontal including necessary bolts or G.I. barbed wire tied to angle iron all complete (No. of Rounds will be 7 to 8 in one meter length) as per direction of Engineer-in charge with reinforced barbed tape (R.B.T.) / Spring core (2.5 mm thick) wire of high tensile strength of 165 kg/s.q.mm. with tape (0.52 mm thick) of supreme make or equivalent and weight 43.478gm/meter (cost of M.S. angle, C.C. blocks shall be paid separately) CSI No.9.37	1.00	RM	337.00	337.00	INR Three Hundred & Thirty Seven Only
19	Supply and Fixing 24 B.W.G. G.C. Iron sheet roofing fixed in position with J or U bolts 10 mm dia with G.I. Limpet & bitumen washers including supply of all material, labour, wastage and T&P etc required for proper completion of work. CSI No. 10.01	520.00	sqm	679.00	353080.00	INR Three Lakh Fifty Three Thousand & Eighty Only
20	Supply and Fixing 24 B.W.G Galvanized Iron Ridges valley and gutters for roofing fixed with J or U bolts 10 mm dia with G.I. Limpet & bitumen washers including supply of all material, labour, wastage and T&P etc required for proper completion of work. CSI No. 10.02	30.00	RM	497.00	14910.00	INR Fourteen Thousand Nine Hundred & Ten Only
21	12 mm thick plaster with cement mortar consisting of one part of cement & four part of coarse sand (1:4), minimum thickness not to be less then 10 mm including supply of all material, labour and T&P etc for proper completion of work. CSI No. 11.07	65.00	Sqm	192.00	12480.00	INR Twelve Thousand Four Hundred & Eighty Only
22	Same as item No. 21 above but with 1:6 cement and coarse sand mortar. CSI No. 11.09	10.00	Sqm	182.00	1820.00	INR One Thousand Eight Hundred & Twenty Only
23	S/mixing approved water proofing compound (CICO,DR FIXIT etc) in cement mortar in plaster or concrete work in the proportion as recommended by the manufacturer. CSI No. 11.15	6.00	Kg	47.00	282.00	INR Two Hundred & Eighty Two Only
24	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	2.00	RM	12.00	24.00	INR Twenty Four Only
25	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	1.00	Sqm	413.00	413.00	INR Four Hundred & Thirteen Only
26	First class bricks on Edge floor laid dry, joints sand filled, including preparation base to proper slope and its ramming including supply of all materials, labour and T&P etc, required for proper completion of the work. CSI No. 12.07	310.00	Sqm	546.00	169260.00	INR One Lakh Sixty Nine Thousand Two Hundred & Sixty Only
27	Supply and Laying 8 mm thick glazed floor tiles of Somany, Johnson or equivalent make, 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. 12.11	1.00	Sqm	1084.00	1084.00	INR One Thousand & Eighty Four Only
28	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	1.00	Sqm	747.00	747.00	INR Seven Hundred & Forty Seven Only
29	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	1.00	RM	33.00	33.00	INR Thirty Three Only
30	Providing and laying 18 mm. thick Kota stone in flooring or skirting over base cement mortar 1:4 mix and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing complete and including supply of all materials labour and T&P etc required for proper completion of the work. CSI No. 12.17	0.10	Sqm	1254.00	125.40	INR One Hundred & Twenty Five and Paise Forty Only
31	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	1.00	Sqm	1027.00	1027.00	INR One Thousand & Twenty Seven Only

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32	Painting or varnishing new iron work in small areas or new wood work with one coat of ready mixed priming paint and one coat of approved superior quality ready mix paint "Luxol" or equivalent brand or varnish including supply of all materials, labour and T&P etc. required for proper completion of the work. Paint to be used should conform to the I.S. 103-1950. CSI No. 13.01	10.00	Sqm	77.00	770.00	INR Seven Hundred & Seventy Only
33	Same as item No.32 above but for every coat after 1st coat. CSI No. 13.02	10.00	Sqm	36.00	360.00	INR Three Hundred & Sixty Only
34	Same as item no. 32 above but every coat on previously painted old wood or steel work. CSI No. 13.03	10.00	Sqm	49.00	490.00	INR Four Hundred & Ninety Only
35	Applying Birla or equivalent putty on new interior or exterior surface over one coat of water based cement primer of ICI or equivalent brand for smoothening and levelling of the surface as per requirement and direction of Engineer I/C including cost of all material, labour, T & P etc required for proper completion of work. CSI No. 13.20	70.00	Sqm	89.00	6230.00	INR Six Thousand Two Hundred & Thirty Only
36	Applying BIRLA PUTTY or equivalent putty on previously bila putty smoothen surface over one coat of water base cement primer of ICI or equivalent brand for smoothening and leveling of the surface as per requirement and direction of E/I including cost of all material, labour and T&P required for proper completion of work. CSI No. 13.21	0.00	Sqm	43.00	0.00	INR Zero Only
37	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	1.00	Cum	575.00	575.00	INR Five Hundred & Seventy Five Only
38	Dismantling reinforced cement concrete or reinforced brick work, including stacking of dismantled materials as directed by the Engineer-In-charge within a distance of 60 metres. CSI No. 15.03	1.00	Cum	1277.00	1277.00	INR One Thousand Two Hundred & Seventy Seven Only
39	Dismantling corrugated iron & asbestos roof sheet and stacking of materials as directed by the Engineer-in-charge within a distance of 60 metres. CSI No. 15.07	520.00	Sqm	47.00	24440.00	INR Twenty Four Thousand Four Hundred & Forty Only
40	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	1.00	Sqm	66.00	66.00	INR Sixty Six Only
41	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	74.00	74.00	INR Seventy Four Only
42	Dismantling existing plaster including disposal of refuse as directed by the Engineer-I/C within a distance of 60 M. CSI No. 15.11	1.00	Sqm	47.00	47.00	INR Forty Seven Only
43	Scrapping old white or colour wash or distemper including disposal of refuse as directed by the Engineer-I/C within a distance of 60 M.CSI No. 15.12	1.00	Sqm	14.00	14.00	INR Fourteen Only
44	Renewing panes of 4.8 to 5.7 mm glass including supply of glass with putty and brads including supply of all materials, labour and T&P etc. required for proper completion of the work.(a) glass of 4 mm thick. CSI No. 20.04 (b)	1.00	Sqm	838.00	838.00	INR Eight Hundred & Thirty Eight Only
45	Disposal of Rubbish / debris out side the UPPCL area directed by the Engineer-I/C including cartage labour, and materials, T&P required for proper completion of work.(no deduction for voids shall be made) CSI No. 20.16	1.00	cum	370.00	370.00	INR Three Hundred & Seventy Only
46	Supply and replacing of following chromium polished iron fittings including cost of nuts, bolts etc.complete. (a) L drops 16 mm dia x 300 long CSI No. 20.17 (a)	1.00	Nos	187.00	187.00	INR One Hundred & Eighty Seven Only
47	Same as item No.46 above but for (c) Tower bolts 10 mm dia x 100 mm long. CSI No. 20.17 (c)	1.00	Nos	64.00	64.00	INR Sixty Four Only
48	Same as item No.46 above but for (d) Iron hinges 100 mm size.12 gauge.thick. CSI No. 20.17 (d)	1.00	Nos	77.00	77.00	INR Seventy Seven Only
49	Same as item No. 46 above but for (f) M.S.handles 100 mm size. CSI No. 20.17 (f)	2.00	Nos	39.00	78.00	INR Seventy Eight Only
50	Wiring point for light with 1.5 sq. mm. FR PVC insulated multistrand single copper conductor cable in PVC conduit pipe concealed in the wall, 14 SWG copper PVC coated Earth continuity wire, and approved quality, piano type switch ceiling rose/angle/batten holder as per approved sample on 3mm thick phenolic laminated bakelite sheet etc. of matching shade with wall colour complete in all respect. UP PWD SOR 2016 131 (C)	1.00	Nos	518.00	518.00	INR Five Hundred & Eighteen Only
51	Wiring point for fan/fresh air fan (light duty exhaust fan) 1.5 sq. mm FR PVC insulated multistrand single core copper conductor cable PVC conduit pipe concealed in the wall, 14 SWG copper earth continuity wire and approved quality, piano type switch & ceiling rose as per approved sample on 3mm thick phenolic laminated bakelite sheet etc. of matching shade with wall colour complete in all respects as per direction of E/I. UP PWD SOR 2016 133 (C)	1.00	Nos	595.00	595.00	INR Five Hundred & Ninety Five Only
52	Wiring point for plug with 1.5 sq. mm FR PVC insulated multistrand single core copper conductor cable in PVC conduit pipe concealed in the wall 14 SWG copper earth continuity wire and approved quality type switch and socket as per approved sample etc. of matching shade with wall colour complete in all respects as per direction of E/I UP PWD SOR 2016 134 (C)	1.00	Nos	275.00	275.00	INR Two Hundred & Seventy Five Only
53	Supply and fixing of power plug with 15A/240V V flush type switch and 5 pin 15A/250V flush type universal socket in suitable M.S. box of 175mmx 100mmx50mm size with phenolic laminated bakelite sheet cover 3mm thick fixed with brass machine screw and cup washer. UP PWD SOR 2016 1139	2.00	Nos	270.00	540.00	INR Five Hundred & Forty Only

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54	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	2.00	RM	261.00	522.00	INR Five Hundred & Twenty Two Only
	Supply and Fixing of 3 blade ceiling fan 1200 mm of Havells or equivalent including all material, T&P etc required for proper completion of work as approved by engineer in charge. CSI No. 28.39	1.00	Each	2894.00	2894.00	INR Two Thousand Eight Hundred & Ninety Four Only
56	Water Proofing coat with 3mm thick neat cement layer including 200 ml water Proofing Compound like as Dr. Fixit and other equivalent with all labour T&P . NSI	1.00	sqm	80.00	80.00	INR Eighty Only
57	Finishing of walls with three coats water proof exterior emulsion paint "ACE" "Out Look" or equivalent make on new work including one priming coat (1 Liter paint diluted including 0.75 liter of water) to give an even shade complete including cost of all materials, labour and T&P etc. as per direction of E/I. NSI	121.00	sqm	76.50	9256.50	INR Nine Thousand Two Hundred & Fifty Six and Paise Fifty Only
58	Supply and wiring of submain with two numbers 4 sq. mm FR PVC insulated 1100 V grade multistand single core copper conductor cable in 25 mm dia heavy duty (2 mm thick) PVC conduit concealed in wall complete with 1 number 2.5 Sq. mm FR PVC insulated multistand copper conductor cable as earth continuity wire etc. complete in all respects. UP PWD SOR 2016 211 C	1.00	RM	150.00	150.00	INR One Hundred & Fifty Only
59	Supply and fixing 6A to 32A SP MCB C curve- 10 KA UP PWD SOR 2016 1002 C	1.00	Nos	105.00	105.00	INR One Hundred & Five Only
60	S/F 63 amp. S.P. Isolator of approved make and as per sample approved by E/I. UPPWD SOR 2016 1004(B)	1.00	Nos	150.00	150.00	INR One Hundred & Fifty Only
61	S/F surface/flush mounting 8 ways SPN distribution board without MCB complete in all respect as per direction of E/I UPPWD SOR 2016 1024 (B)	1.00	Nos	1430.00	1430.00	INR One Thousand Four Hundred & Thirty Only
Total in Figures					972510.19	INR Nine Lakh Seventy Two Thousand Five Hundred & Ten and Paise Nineteen Only
Quoted Rate in Figures				Select	0.00	INR Zero Only
Quoted Rate in Words				INR Zero Only		


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