

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

Name of Work: Miscellaneous civil repair work of Control room building at 33/11 K.V Sub-Station Harora Distt- Saharanpur

T.S. No: 26 /ECDC/MRT/2021-22

Name of the
Bidder/
Bidding Firm
/ Company :

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

PRICE SCHEDULE

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT In Rs. P	TOTAL AMOUNT In Words
1	2	4	5	6	7	8
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	5.00	Cum	172.00	860.00	INR Eight Hundred & Sixty Only
2	Excavation in foundation in soil mixed with gravel and boulder requiring the use of special T&P such as pickaxes, sabbais etc. including lift upto 1.5m and lead upto 30mand including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of the foundation. CSI No. 4.06	2.00	Cum	227.00	454.00	INR Four Hundred & Fifty Four Only
3	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	3.00	Cum	414.00	1242.00	INR One Thousand Two Hundred & Forty Two Only
4	Extra rate over rates of above items When Work executed Under following condition (A) In or under Foul Position CSI No. 4.15	1.00	Cum	34.40	34.40	INR Thirty Four and Paise Forty Only
5	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. 5.01	0.80	Cum	4122.00	3297.60	INR Three Thousand Two Hundred & Ninety Seven and Paise Sixty Only
6	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
7	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	0.50	Cum	6520.00	3260.00	INR Three Thousand Two Hundred & Sixty 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 from Dalla, Jhansi or other quarries in proportion 1:2:4 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. 5.10	0.10	Cum	7623.00	762.30	INR Seven Hundred & Sixty Two and Paise Thirty Only
9	Concreting of 40 mm RCC Trench cover in mild steel Frame work with RCC 1:1.5:3 Cement, Coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast with 3 mm thick Floating coat of neat Cement finish on top of cover complete with all labour, materials and placing the same in proper position at required location of Cable Trench within the Substation area. CSI No. 5.18	5.00	sqm	326.00	1630.00	INR One Thousand Six Hundred & Thirty Only
10	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	0.20	Cum	6955.00	1391.00	INR One Thousand Three Hundred & Ninety One Only
11	Precast cement concrete door sills, chaukhats boundary posts, shelves and similar small work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast in the proportion 1:1.5:3, excluding reinforcement but including fixing the same in position including cost of all other material, labor and T&P. CSI No. 5.22	0.10	Cum	8405.00	840.50	INR Eight Hundred & Forty and Paise Fifty Only
12	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	8058.00	805.80	INR Eight Hundred & Five and Paise Eighty Only
13	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 Slab, 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. 5.24	0.10	Cum	9275.00	927.50	INR Nine Hundred & Twenty Seven and Paise Fifty Only
14	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 Lighter Beam i.e. having span upto 6.0 M 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. 5.25	0.10	Cum	10037.00	1003.70	INR One Thousand & Three and Paise Seventy Only

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15	RCC work with cement, approved coarse sand (F.M. 1.8 to 2.6) 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.	0.20	Cum	7671.00	1634.20	INR One Thousand Five Hundred & Thirty Four and Paise Twenty Only
16	RCC work with cement, approved coarse sand (F.M. 1.8 to 2.6) 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.	0.20	Cum	10189.00	2037.60	INR Two Thousand & Thirty Seven and Paise Eighty Only
17	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.	1.00	Cum	4010.00	4010.00	INR Four Thousand Five Hundred & Eighteen Only
18	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.	2.00	Cum	4020.00	9840.00	INR Nine Thousand Six Hundred & Forty Only
19	Same as item no. 18 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.	0.20	Cum	4971.00	994.20	INR Nine Hundred & Ninety Four and Paise Twenty Only
20	First class brick laid dry in foundation and Plinth as in Circular soakpit wall of one brick thickness and 2.0 to 3.0 M depth including cutting moulding bricks as required including cost of all other materials labour and T&P Complete.	1.20	Cum	4005.00	4902.00	INR Four Thousand Nine Hundred & Two Only
21	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.	1.00	Cum	2672.00	2672.00	INR Two Thousand Five Hundred & Seventy Two Only
22	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.	1.00	%o	1230.00	1230.00	INR One Thousand Two Hundred & Thirty Only
23	Supply and filling brick bat in soak pit including all material, labour and T&P etc complete. (01 soak pit)	1.00	Cum	1251.00	2251.80	INR Two Thousand Two Hundred & Fifty One and Paise Eighty Only
24	25mm.thick Damp proof course with cement concrete consisting of 1 part cement, 1 1/2 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.	2.00	Sqm	314.00	628.00	INR Six Hundred & Twenty Eight Only
25	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.	4.00	Sqm	1915.00	7660.00	INR Seven Thousand Six Hundred & Sixty Only
26	Supplying and fixing 24 Gauge Anodized aluminium sheet of approve quality including cutting, wastage and fixing the same over the wooden door shutters with nails with all materials, labour and T&P	5.00	Sqm	405.00	2025.00	INR Two Thousand & Twenty Five Only
27	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.	0.010	M.T.	83076.00	830.76	INR Eight Hundred & Thirty and Paise Seventy Six Only
28	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).	0.050	M.T.	74620.00	3731.00	INR Three Thousand Seven Hundred & Thirty One Only
29	Supply and fixing galvanised mosquito proof jall (16x24 gauge) with M.S. flat of 20 x 3 mm. size, on both sides screwed or welded to window or door frame.	10.00	Sqm	632.00	6320.00	INR Six Thousand Three Hundred & Twenty Only
30	Supply and fixing of 50X50mm. 8 Gauge G.I. Chain link fencing 1.8 m high including fixing of vertical posts, horizontal runners with 10mm dia 40mm long bolts, nuts & washer complete all material, labour and T&P etc. required for proper completion of work. Chain link of 8 gauge shall be galvanized by hot dipped method as per relevant IS Code. (Excluding cost of Vertical posts and Horizontal runners)	2.10	sqm	782.00	1600.20	INR One Thousand Six Hundred and Paise Twenty Only
31	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)	10.00	RM	336.00	3360.00	INR Three Thousand Three Hundred & Sixty Only
32	Supply and Fixing 24 B.V.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.	6.00	sqm	641.00	3846.00	INR Three Thousand Eight Hundred & Forty Six Only

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3	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	3.00	RM	469.00	1407.00	INR One Thousand Four Hundred & Seven Only
34	Supply and painting of 80/100 grade bitumen paint over roof or on wall @ 1.7 kg/sq.m. Including sweeping, cleaning the roof with brush, heating the paint to required temperature and supply of all materials, labour and T&P etc. required for proper completion of work. CSI No. 10.05	10.00	Sqm	67.00	670.00	INR Six Hundred & Seventy Only
35	Supply and laying one layer of tar felt or any other equivalent approved materials at the junction of wall & roof or at any place as per direction of the Engineer – incharge including necessary overlap, applying a coat of approved mastic paints below the Tar felt & including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 10.06	3.00	Sqm	407.00	1221.00	INR One Thousand Two Hundred & Twenty One Only
36	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 than 10 mm including supply of all material, labour and T&P etc for proper completion of work. CSI No. 11.07	25.00	Sqm	178.00	4450.00	INR Four Thousand Four Hundred & Fifty Only
37	Same as item No. 36 above but with 1:6 cement and coarse sand mortar. CSI No. 11.09	60.00	Sqm	169.00	10140.00	INR Ten Thousand One Hundred & Forty Only
38	Add for extra labour to all items of plaster if done in ceiling. No. 11.10	CSI 25.00	Sqm	21.40	535.00	INR Five Hundred & Thirty Five Only
39	Add for extra labour and Materials for plaster over rough face of one brick thick wall. CSI No. 11.12	15.00	Sqm	24.00	360.00	INR Three Hundred & Sixty Only
40	2 cm (3/4") thick cement plaster in dado or skirting in 1:2 C.M. consisting of one part of cement and two parts of approved coarse sand laid in panels finished with 3mm (1/8") thick floating coat of neat cement or cement and marble dust in ratio of 5:1 including supply of all materials, labour and T&P etc. required for proper completion of the work CSI No. 11.13	5.00	Sqm	260.00	1300.00	INR One Thousand Three Hundred Only
41	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	2.00	Kg	47.00	94.00	INR Ninety Four Only
42	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	190.00	RM	12.00	2280.00	INR Two Thousand Two Hundred & Eighty Only
43	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	10.00	RM	11.00	110.00	INR One Hundred & Ten Only
44	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	10.00	Sqm	19.00	190.00	INR One Hundred & Ninety Only
45	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	15.00	Sqm	386.00	5790.00	INR Five Thousand Seven Hundred & Ninety Only
46	First class bricks on Edge floor laid d.i.y, 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	20.00	Sqm	496.00	9920.00	INR Nine Thousand Nine Hundred & Twenty Only
47	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	4.00	Sqm	719.00	2876.00	INR Two Thousand Eight Hundred & Seventy Six Only
48	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	10.00	RM	31.00	310.00	INR Three Hundred & Ten Only
49	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	10.00	Sqm	1114.00	11140.00	INR Eleven Thousand One Hundred & Forty Only
50	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	15.00	Sqm	974.00	14610.00	INR Fourteen Thousand Six Hundred & Ten Only
51	Painting or varnishing new iron work on 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	71.00	710.00	INR Seven Hundred & Ten Only
52	Same as item No.51 above but for every coat after 1st coat. CSI No. 13.02	45.00	Sqm	35.00	1575.00	INR One Thousand Five Hundred & Seventy Five
53	Same as item no. 51 above but every coat on previously painted old wood or steel work. CSI No. 13.03	35.00	Sqm	47.00	1645.00	INR One Thousand Six Hundred & Forty Five
54	Removing Paint or varnish with paint remover or with caustic soda including supply of all materials, labour and T&P etc. required for proper completion of the work. No. 13.07	CSI 10.00	Sqm	81.00	810.00	INR Eight Hundred & Ten Only

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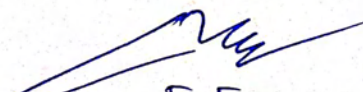
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55	One priming coat and one coat oil bound distemper on new work including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 13.08	50.00	Sqm	65.00	3250.00	INR Three Thousand Two Hundred & Fifty Only
56	Same as item No. 55 above but for every coat after the first coat. CSI No. 13.09	250.00	Sqm	27.00	6750.00	INR Six Thousand Seven Hundred & Fifty Only
57	Same as item No. 55 above but for every coat on previously old distempered surface. CSI No. 13.10	200.00	Sqm	33.00	6600.00	INR Six Thousand Six Hundred Only
58	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	30.00	Sqm	84.00	2520.00	INR Two Thousand Five Hundred & Twenty Only
59	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	80.00	Sqm	41.00	3280.00	INR Three Thousand Two Hundred & Eighty Only
60	Painting one coat with APEX or equivalent brand weather coat paint on new wall surfaces (well prepared with Birla putty and one coat of primer ICI or equivalent which shall be paid separately) including through washing with water including cost of all materials, labour, T&P required for proper completion of work. CSI No. 13.22	20.00	Sqm	90.00	1800.00	INR One Thousand Eight Hundred Only
61	Same as in item no 60 above but for every coat of additional APEX or equivalent brand weather coat paint. CSI No. 13.23	120.00	Sqm	41.00	4920.00	INR Four Thousand Nine Hundred & Twenty Only
62	Same as in item no 60 above but for every coat of additional APEX or equivalent brand weather coat paint coat paint previously treated surface. CSI No. 13.24	100.00	Sqm	62.00	6200.00	INR Six Thousand Two Hundred Only
63	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
64	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	2.00	Cum	1128.00	2256.00	INR Two Thousand Two Hundred & Fifty Six Only
65	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	8.00	Sqm	58.00	464.00	INR Four Hundred & Sixty Four Only
66	Dismantling doors and windows chowkhats including stacking of materials as directed by Engg-in-Charge within a distance of 60 metres. CSI No. 15.10	5.00	Sqm	69.00	345.00	INR Three Hundred & Forty Five Only
67	Dismantling existing plaster including disposal of refuse as directed by the Engineer-I/C within a distance of 60 M. CSI No. 15.11	150.00	Sqm	41.00	6150.00	INR Six Thousand One Hundred & Fifty Only
68	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	425.00	Sqm	13.00	5525.00	INR Five Thousand Five Hundred & Twenty Five Only
69	Dismantling of existing pale / security / Chain link fencing including post and stacking properly as directed by the Engineer-I/C including cost of all materials, labour, T&P required for proper completion of work. CSI No. 15.13	10.00	RM	126.00	1260.00	INR One Thousand Two Hundred & Sixty Only
70	Dismantling of existing damaged Mud Faska over the roof Cleaning the surface with wire brush, removal and disposal of rubbish at a distance 100 meters also including the cost of cleaning and stacking of usable materials etc. including cost of all materials, labour, T&P required for proper completion of work. CSI No. 15.14	30.00	Sqm	139.00	4170.00	INR Four Thousand One Hundred & Seventy Only
71	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)	8.00	Sqm	836.00	6688.00	INR Six Thousand Six Hundred & Eighty Eight Only
72	Cleaning of Septic tank including disposal of wastage out side the UPPCL area as per directed by the Engineer-I/C including cost of all materials, labour, T&P required for proper completion of work CSI No. 20.12	1.00	Nos	1667.00	1667.00	INR One Thousand Six Hundred & Sixty Seven Only
73	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	2.00	cum	330.00	660.00	INR Six Hundred & Sixty Only
74	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)	2.00	Nos	187.00	374.00	INR Three Hundred & Seventy Four Only
75	Same as item No 74 above but for (c) Tower bolts 10 mm dia x 100 mm long. CSI No. 20.17 (c)	2.00	Nos	64.00	128.00	INR One Hundred & Twenty Eight Only
76	Same as item No. 74 above but for (d) Iron hinges 100 mm size. 12 gauge. thick. CSI No. 20.17 (d)	3.00	Nos	77.00	231.00	INR Two Hundred & Thirty One Only
77	Same as item No. 74 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
78	Laying chicken mesh of (20 mm) hexagonal heavy quality over roofs of joints of roof as per direction Engineer-in-charge. CSI No. 20.21	15.00	Sqm	80.00	1200.00	INR One Thousand Two Hundred Only
79	Supply and replacing of angle holder of "Anchor" or equivalent make of approved quality including all materials, labour and T&P etc. CSI No. 22.01	2.00	Nos	43.00	86.00	INR Eighty Six Only
80	Supply and replacing of 6 Amp piano type Switch of "Anchor" or equivalent make of approved quality including all materials, labour and T&P etc. CSI No. 22.02	3.00	Nos	49.00	147.00	INR One Hundred & Forty Seven Only


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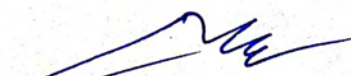

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81	Supply and replacing of 6 Amp piano type Socket of "Anchor" or equivalent make of approved quality including all materials, labour and T&P etc. CSI No. 22.03	3.00	Nos	60.00	180.00	INR One Hundred & Eighty Only
82	Supply and replacing of 16 Amp piano type Switch of "Anchor" or equivalent make of approved quality including all materials, labour and T&P etc. CSI No. 22.04	3.00	Nos	131.00	393.00	INR Three Hundred & Ninety Three Only
83	Supply and replacing of 16 Amp piano type Socket of "Anchor" or equivalent make of approved quality including all materials, labour and T&P etc. CSI No. 22.05	3.00	Nos	131.00	393.00	INR Three Hundred & Ninety Three Only
84	Supply and laying 1.5 Sqmm Gauge copper wire of plaza or equivalent make of approved quality including connecting with existing existing wiring in existing P.V.C. pipe including all materials labour and T&P completed CSI No.22.06(a)	3.00	Nos	74.00	222.00	INR Two Hundred & Twenty Two Only
85	Supply and laying 2.5 Sqmm Gauge copper wire of plaza or equivalent make of approved quality including connecting with existing existing wiring in existing P.V.C. pipe including all materials labour and T&P completed CSI No.22.06(b)	3.00	Nos	96.00	288.00	INR Two Hundred & Eighty Eight Only
86	Supply and laying 4 Sqmm Gauge copper wire of plaza or equivalent make of approved quality including connecting with existing existing wiring in existing P.V.C. pipe including all materials labour and T&P completed CSI No.22.06(c)	3.00	Nos	123.00	369.00	INR Three Hundred & Sixty Nine Only
87	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)	3.00	Nos	518.00	1554.00	INR One Thousand Five Hundred & Fifty Four Only
88	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)	3.00	Nos	595.00	1785.00	INR One Thousand Seven Hundred & Eighty Five Only
89	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)	2.00	Nos	275.00	550.00	INR Five Hundred & Fifty Only
90	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
91	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)	3.00	RM	190.00	570.00	INR Five Hundred & Seventy Only
92	Same as item No.91 but for 20 mm dia. CSI No. 26.01 (b)	5.00	RM	226.00	1130.00	INR One Thousand One Hundred & Thirty Only
93	Same as item No. 91 but for 32 mm dia. CSI No. 26.01 (d)	2.00	RM	364.00	728.00	INR Seven Hundred & Twenty Eight Only
94	Providing and fixing 15 mm dia 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 external GI fitting where required, cutting and making good the walls etc and all materials, labour and T&P complete. CSI No. 26.02 (a)	5.00	RM	163.00	815.00	INR Eight Hundred & Fifteen Only
95	Same as Item No. 94 but for 20 mm dia. CSI No. 26.02 (b)	5.00	RM	194.00	970.00	INR Nine Hundred & Seventy Only
96	Same as Item No. 94 but for 32 mm dia. CSI No. 26.02 (d)	2.00	RM	312.00	624.00	INR Six Hundred & Twenty Four Only
97	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	500.00	Ltr	11.00	5500.00	INR Five Thousand Five Hundred Only
98	Supply and fixing 15 mm dia CI/PVC bib cock including replacing of old bib cock complete. CSI No. 26.13 (c)	1.00	Nos	61.00	61.00	INR Sixty One Only
99	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)	2.00	Nos	660.00	1320.00	INR One Thousand Three Hundred & Twenty Only
100	Providing and fixing CP BRASS STOP 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 (c)	2.00	Nos	660.00	1320.00	INR One Thousand Three Hundred & Twenty Only
101	Same as item No. 100 CP BRASS Angle Valve HEAVY QUALITY (L&K or equi.). CSI No. 26.16 (i)	2.00	Nos	571.00	1142.00	INR One Thousand One Hundred & Forty Two Only
102	Same as item No. 100 CONCEALED STOP COCK HEAVY QUALITY (L&K or equi). CSI No. 26.16 (k)	2.00	Nos	800.00	1600.00	INR One Thousand Six Hundred Only
103	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	6.00	RM	257.00	1542.00	INR One Thousand Five Hundred & Forty Two Only


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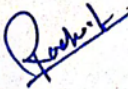

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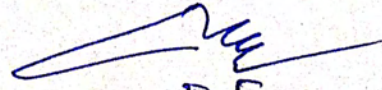

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104	Providing and fixing first quality white glazed "Orissa" pattern W.C. Pan Hindustan, Cera make, and T&P etc. complete. CSI No. 27.01	1.00	Nos	2354.00	2354.00	INR Two Thousand Three Hundred & Fifty Four Only
105	Providing and fixing 510X400 mm wash hand basin of white glazed earthenware 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. 27.09	1.00	Nos	3056.00	3056.00	INR Three Thousand & Fifty Six Only
106	Providing and Fixing 10 Liters 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	1.00	Nos	1320.00	1320.00	INR One Thousand Three Hundred & Twenty Only
107	Providing and fixing 600 mm x 450 mm beveled edge mirror of Atul, Kiran make glass with Indian polish 6.50 mm thick complete with back of 600 mm x 450 mm x 6 mm hard board sheet fixed to wooden cleats with C.P. brass screws and washers including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 27.15	1.00	Nos	962.00	962.00	INR Nine Hundred & Sixty Two Only
108	Providing and fixing 750 mm x 20 mm size C.P. brass towel rail of approved quality including brackets including supply of all materials, labour and T&P etc. required for proper completion of the work and cutting and making good the wall plaster etc. required for work. CSI No. 27.16	1.00	Nos	609.00	609.00	INR Six Hundred & Nine Only
109	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	1.00	Nos	265.00	265.00	INR Two Hundred & Sixty Five Only
110	Supply and fixing CP 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 (a)	1.00	Nos	761.00	761.00	INR Seven Hundred & Sixty One Only
111	Providing and laying SWR, PVC (Finolex or equivalent) pipe including cost of excavation, C.C. etc. including its jointing and connection all materials labour and T&P etc. required for proper completion of work CSI No. 27.29 (a)	3.00	RM	278.00	834.00	INR Eight Hundred & Thirty Four Only
112	Providing and laying SWR, PVC (Finolex or equivalent) pipe including cost of excavation, C.C. etc. including its jointing and connection all materials labour and T&P etc. required for proper completion of work CSI No. 27.29 (c)	3.00	RM	388.00	1164.00	INR One Thousand One Hundred & Sixty Four Only
113	Apply two coat Tapecrete mixed with White Cement and water to proper consistency on leaky surface including supply of all materials labour etc. required for proper completion of work CSI No. 28.16	15.00	sqm	112.00	1680.00	INR One Thousand Six Hundred & Eighty Only
114	Providing and applying plaster of Paris putty of 2 mm thickness over plastered surface to prepare the surface even the smooth complete. CSI No. 28.27	5.00	sqm	106.00	530.00	INR Five Hundred & Thirty Only
115	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 bat 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. 28.28	30.00	Sqm	932.00	27960.00	INR Twenty Seven Thousand Nine Hundred & Sixty Only
116	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	2.00	Each	3994.00	7988.00	INR Seven Thousand Nine Hundred & Eighty Eight Only
117	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	85.00	sqm	80.00	6800.00	INR Six Thousand Eight Hundred Only
118	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	220.00	sqm	76.50	16830.00	INR Sixteen Thousand Eight Hundred & Thirty Only
119	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	3.00	RM	150.00	450.00	INR Four Hundred & Fifty Only



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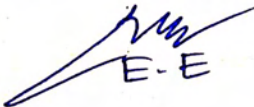

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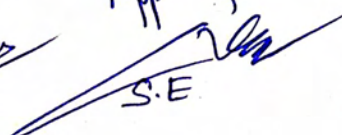
120	Supply and fixing 6A to 32A SP MCB C curve- 10 KA UP PWD SOR 2016 1002 C	3.00	Nos	105.00	315.00	INR Three Hundred & Fifteen Only
121	S/F 63 amp. S.P. Isolator of approved make and as per sample approved by E/I. UPPWD SOR 2016 1004(B)	1.00	Nos	150.00	150.00	INR One Hundred & Fifty Only
122	S/F surface/flush 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					317631.26	INR Three Lakh Seventeen Thousand Six Hundred & Thirty One and Paise Twenty Six Only
Quoted Rate in Figures					0.00	INR Zero Only
Quoted Rate in Words					INR Zero Only	


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Approved for Tending