

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

Name of Work: Construction of toilet and associated work at Office of EDSD-I Upera, Hapur.

T.S.No:45/ECDC/MRT/2022-23

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)						
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 1.5m and lead upto 30m and including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of the foundation work. CSI No. 4.01	26.00	Cum	172.00	4472.00	INR Four Thousand Four Hundred & Seventy Two Only
2	Local fine sand filling in plinth including supply of necessary quantity of local sand from outside the UPPCL premises including watering, ramming and dressing etc. Rate to include cost of all materials, labour and T&P etc. required for proper completion of work. CSI No. 4.05	5.00	Cum	1563.00	7815.00	INR Seven Thousand Eight Hundred & Fifteen Only
3	Clearing jungle including uprooting of rank vegetations, grass, bush, wood, trees and saplings of girth upto 30cm measured at a height of 1.0m above ground level and removal of rubbish upto a distance of 50m outside the periphery of UPPCL area cleared. CSI No. 4.08	24.00	Sqm	7.00	168.00	INR One Hundred & Sixty Eight Only
4	Earth filling under floors and/or sub station area including cost of earth when obtained from within 8 km outside UPPCL area including its royalty and carriage, loading/ unloading, spreading, watering, ramming in 20 cm layers and dressing of earth etc. for proper completion of the work. CSI No. 4.10	22.00	Cum	414.00	9108.00	INR Nine Thousand One Hundred & Eight Only
5	Concrete with 4cm gauge I class brick ballast, coarse sand (F.M. 1.8 to 2.5) and cement in proportion of 12:5:1 in foundations and under floors including supply of all materials, labour and tools and plants etc. required for proper completion. (CSI No.5.01)	1.00	Cum	4859.00	4859.00	INR Four Thousand Eight Hundred & Fifty Nine Only
6	Concrete with 4cm gauge stone ballast, coarse sand (F.M. 1.8 to 2.5) & cement in proportion of 12:5:1 in foundations & under floors including supply of all materials, labour and tools and plants etc. required for proper completion. (CSI No. 5.02)	3.50	Cum	5337.00	18679.50	INR Eighteen Thousand Six Hundred & Seventy Nine and
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	2.00	Cum	6868.00	13736.00	INR Thirteen Thousand Seven Hundred & Thirty Six Only
8	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)	0.50	Cum	8774.00	4387.00	INR Four Thousand Three Hundred & Eighty Seven Only
9	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)	1.00	Cum	8427.00	8427.00	INR Eight Thousand Four Hundred & Twenty Seven Only
10	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 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)	2.00	Cum	9706.00	19412.00	INR Nineteen Thousand Four Hundred & Twelve Only
11	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 lighter beams i.e. having span upto 6m, 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)	1.00	Cum	10506.00	10506.00	INR Ten Thousand Five Hundred & Six 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 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)	0.50	Cum	8036.00	4018.00	INR Four Thousand & Eighteen 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 from Dalla, Jhansi or other quarries 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)	0.50	Cum	10666.00	5333.00	INR Five Thousand Three Hundred & Thirty Three Only

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	First class brick (class-150) work in 1:6 cement and coarse sand (F.M. 1.8 to 2.5) mortar in foundation and plinth including supply of all materials, labour & T&P etc. required for proper completion of work. CSI No. 6.01	4.00	Cum	4859.00	19436.00	INR Nineteen Thousand Four Hundred & Thirty Six Only
	First class brick (class-150) work in 1:6 cement and coarse sand (F.M. 1.8 to 2.5) mortar in super structure including necessary cutting and moulding of bricks as required and also including honeycomb brick work for wall of one brick thick (230mm) including supply of all materials, labour & T&P etc. required for proper completion of work. CSI No. 6.01+6.07+6.08	9.00	Cum	5516.00	49644.00	INR Forty Nine Thousand Six Hundred & Forty Four Only
16	First class brick (class-150) work in 1:4 cement and coarse sand (F.M. 1.8 to 2.5) mortar in super structure including necessary cutting and moulding of bricks as required and also including honeycomb brick work for wall of 1½ brick thick (115mm) including supply of all materials, labour & T&P etc. required for proper completion of work. CSI No. 6.03+6.07+6.09	0.70	Cum	5845.00	4091.50	INR Four Thousand & Ninety One and Paise Fifty Only
17	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)	2.00	Cum	2657.00	5314.00	INR Five Thousand Three Hundred & Fourteen Only
18	Same as in item 6.18 above but in super structure for 230 mm thick wall. (CSI No. 6.19)	1.00	Cum	3314.00	3314.00	INR Three Thousand Three Hundred & Fourteen Only
19	Supply and filling brick bat in soak pit including all labour, material and T&P etc required for proper completion of work. CSI No. 6.23	1.50	Cum	1251.00	1876.50	INR One Thousand Eight Hundred & Seventy Six and Paise Fifty Only
20	2.5 cm. thick damp proof course of cement concrete consisting of 1 part cement 1.5 parts approved coarse sand (F.M. 1.8 to 2.5), and 3 parts approved 12 mm. graded stone grit and also including liquid water proofing material as approved by the Engineer-In-charge in the proportions specified by the manufacturer. (CSI No. 7.02)	10.00	Sqm	322.00	3220.00	INR Three Thousand Two Hundred & Twenty Only
21	Dismantling existing barbed wire fencing including making bundles and stacking etc. complete. (labour rates only). CSI No. 9.06 (b)	20.00	RM	2.00	40.00	INR Forty Only
22	Mild Steel or Iron work in heavy sizes such as trusses built up gates, door frames, record racks, roof work, window / boundary grill or railing and T/F Rail 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, labour and T&P required for proper completion of work. CSI No. 9.01	0.30	M.T.	83076.00	24922.80	INR Twenty Four Thousand Nine Hundred & Twenty Two and Paise Eighty Only
23	TMT or 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 separately. CSI No. 9.03	0.50	M.T.	74620.00	37310.00	INR Thirty Seven Thousand Three Hundred & Ten Only
24	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	10.00	Sqm	198.00	1980.00	INR One Thousand Nine Hundred & Eighty Only
25	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	10.00	Sqm	183.00	1830.00	INR One Thousand Eight Hundred & Thirty Only
26	12 mm thick plaster with cement mortar consisting of one part of cement & six part of coarse sand (1:6), 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. 11.09	30.00	Sqm	173.00	5190.00	INR Five Thousand One Hundred & Ninety Only
27	Add for extra labour to all items of plaster if done in ceiling. CSI No. 11.10	10.00	Sqm	21.40	214.00	INR Two Hundred & Fourteen Only
28	Add for extra labour and materials for plaster over rough face of one brick thick wall. (CSI No. 11.12)	10.00	Sqm	24.00	240.00	INR Two Hundred & Forty Only
29	2 cm. thick cement plaster in dado or skirting in 1:2 consisting of one part of cement and two parts of approved coarse sand laid in panels finished with 3mm. floating coat of neat cement or cement and marble dust in ratio of 5:1 including supply of all materials, labour & T&P etc. required for proper completion of the work. CSI No. 11.13	5.00	Sqm	266.00	1330.00	INR One Thousand Three Hundred & Thirty Only
30	S/mixing approved water proofing compound / hardner (CICO, DR FIXIT etc) in cement mortar in plaster or concrete work in the proportion as recommended by the manufacturer. CSI No. 11.15	5.00	Kg	47.00	235.00	INR Two Hundred & Thirty Five Only
31	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	30.00	Rmt	12.00	360.00	INR Three Hundred & Sixty Only
32	Making drip course (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	20.00	Rmt	11.00	220.00	INR Two Hundred & Twenty Only

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33	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	20.00	Sqm	19.00	380.00	INR Three Hundred & Eighty Only
34	4.0 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	10.00	Sqm	401.00	4010.00	INR Four Thousand & Ten Only
35	First class bricks on edge floor laid dry, joints filled with sand, including preparation of base to proper slope and its ramming including supply of all material labour & T&P etc. required for proper completion of the work. CSI No. 12.07	5.00	Sqm	530.00	2650.00	INR Two Thousand Six Hundred & Fifty Only
36	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. required for proper completion of the work. (CSI No. 12.11)	5.00	SQM	1067.00	5335.00	INR Five Thousand Three Hundred & Thirty Five Only
37	Providing and fixing glass strips of 3.15 mm thickness & 40 mm 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. completion required for proper completion of work. CSI No. 12.14	10.00	RM	31.00	310.00	INR Three Hundred & Ten Only
38	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)	5.00	SQM	980.00	4900.00	INR Four Thousand Nine Hundred Only
39	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	2.00	Sqm	71.00	142.00	INR One Hundred & Forty Two Only
40	Same as item No. 13.01 above but for every coat after first coat. CSI No. 13.02	2.00	Sqm	35.00	70.00	INR Seventy Only
41	Same as item No. 13.01 above but for every coat on previously painted old wood or iron work as required, for proper completion of work. CSI No. 13.03	1.00	Sqm	47.00	47.00	INR Forty Seven Only
42	One priming coat and one coat oil bound acrylic 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	10.00	Sqm	65.00	650.00	INR Six Hundred & Fifty Only
43	Same as item No. 13.08 but for every coat after the first coat. CSI No. 13.09	10.00	Sqm	27.00	270.00	INR Two Hundred & Seventy Only
44	As in item 13.08 but for every coat on previously old oil bound distempered surface. CSI No. 13.10	10.00	Sqm	33.00	330.00	INR Three Hundred & Thirty Only
45	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
46	Applying BIRLA PUTTY or equivalent putty on previously painted surface 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	5.00	Sqm	41.00	205.00	INR Two Hundred & Five Only
47	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)	15.00	Sqm	90.00	1350.00	INR One Thousand Three Hundred & Fifty Only
48	Same as in item no 13.22 above but for every coat of additional APEX or equivalent brand weather coat paint. (CSI No. 13.23)	15.00	Sqm	41.00	615.00	INR Six Hundred & Fifteen Only
49	Same as in item 13.22 but for each coat of APEX or equivalent brand weather coat paint on previously treated surface. (CSI No. 13.24)	5.00	Sqm	62.00	310.00	INR Three Hundred & Ten Only
50	Painting one coat with Acrylic emulsion paint of Berger/ Asian/ ICI or equivalent paint (Paint and water in the ratio 1:1 by volume) over prepared and primed surface of cement concrete, cement plaster and bricks including all labour, material and T&P etc required for proper completion of the work, (preparation of base with Birla putty etc. and a coating of primer shall be paid extra). (CSI No. 13.25)	15.00	Sqm	90.00	1350.00	INR One Thousand Three Hundred & Fifty Only
51	Same as above in item no. 13.25 but for every coat after first coat of Acrylic emulsion paint of Berger/ Asian/ ICI or equivalent paint. (CSI No. 13.26)	5.00	Sqm	41.00	205.00	INR Two Hundred & Five Only
52	Same as above in item no. 13.25 but one coat of Acrylic emulsion paint of Berger/ Asian/ ICI or equivalent paint on previously painted surface. (CSI No. 13.27)	5.00	Sqm	62.00	310.00	INR Three Hundred & Ten Only
53	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	505.00	505.00	INR Five Hundred & Five Only

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55	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)	1.50	Cum	1128.00	1692.00	INR One Thousand Six Hundred & Ninety Two Only
56	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)	10.00	Sqm	58.00	580.00	INR Five Hundred & Eighty Only
57	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
58	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)	5.00	Sqm	13.00	65.00	INR Sixty Five Only
59	Boring with 150 mm dia casing pipe to a probable depth of 50 M from ground level with skilled and unskilled labour including all T & P, boring apparatus, supervision charges etc required for proper completion of work as per direction of Engineer I/C. (CSI No. 19.41 as per SOR 2020-21)	60.00	RM	216.00	12960.00	INR Twelve Thousand Nine Hundred & Sixty Only
60	Extracting of casing pipe 150 mm Dia after completion of lowering of pipe assembly including all labour and T&P etc complete as per direction of Engineer I/C. (CSI No. 19.42 as per SOR 2020-21)	60.00	RM	29.00	1740.00	INR One Thousand Seven Hundred & Forty Only
61	Providing and lowering of 110mm outer dia PVC PIPES of Supreme/Astral or equivalent make (as approved by Engineer in-charge) 6 Kg/Sq mm Pressure pipe conforming to ISI 498S/1988 including cost of all materials, labour and T & P etc required for proper completion of work. (CSI No. 19.14 as per SOR 2020-21)	48.00	RM	374.00	17952.00	INR Seventeen Thousand Nine Hundred & Fifty Two Only
62	Providing and lowering of 110mm outer dia PVC PIPES of Supreme/Astral or equivalent make (as approved by Engineer in-charge) 6 Kg/Sq mm Pressure pipe conforming to ISI 498S/1988 with approx. 60x3 mm size slots all over surface of pipe and rolled with best quality plastic mesh binding with plastic wire as per direction of Engineer in-charge including cost of all materials, labour and T & P etc required for proper completion of work. (CSI No. 19.15 as per SOR 2020-21)	12.00	RM	482.00	5784.00	INR Five Thousand Seven Hundred & Eighty Four Only
63	Providing and laying of 25 mm dia PVC PIPES with special such as tee, sockets etc for laying submersible cable including excavation of trenches size 300x300 mm and back filling of the same for proper completion of work. (CSI No. 19.18 as per SOR 2020-21)	10.00	RM	45.00	450.00	INR Four Hundred & Fifty Only
64	Supply and fixing of PVC. bail plug of heavy quality including all labour material & T&P. (a) 110 mm dia. (CSI No. 19.19a)	1.00	No	273.00	273.00	INR Two Hundred & Seventy Three Only
65	Supply and fixing of PVC top plug of heavy quality including all labour material & T&P. (b) 110 mm dia. (CSI No. 19.20b)	1.00	No	273.00	273.00	INR Two Hundred & Seventy Three Only
66	Supply and fixing support clamps for column pipes made out of MS flats, pairs of bolt-nuts etc complete with all material, labour, T&P. (CSI No. 19.24-e)	1.00	No	281.00	281.00	INR Two Hundred & Eighty One Only
67	Supply and stacking pee gravel properly at levelled ground for measurement as directed by Engineer I/C, including all labour, T&P required for proper completion of work. (CSI No. 19.25)	2.00	Cum	5349.00	10698.00	INR Ten Thousand Six Hundred & Ninety Eight Only
68	Lowering of M.S. column pipe in tubewell including supply of nuts, and bolts, packing and also carriage of pipe from workshop to site including all labour, T&P etc. required for proper completion of the work.(c) 32 mm dia. (CSI No. 19.27c)	1.00	RM	113.00	113.00	INR One Hundred & Thirteen Only
69	Supply and fixing of 1.20m long holding support clamps for 300 to 100mm dia tube well pipes. made out of MS flats, pairs of bolt-nuts etc complete with all material, labour, T&P. (CSI No. 19.21)	1.00	No	505.00	505.00	INR Five Hundred & Five Only
70	Development of tubewell by O.P. Unit (5 HP to 10 HP submersible pump set), including bringing Column pipe for the OP unit, assembling, electric connections, running for required period, dismantling and taking out & carrying away and cleaning the site with cost of all labour, materials, T&P and fuel / Electricity Charges etc required for proper completion of work and as per direction of Engineer-in-charge. (CSI No. 19.14)	1.00	Hours	715.00	715.00	INR Seven Hundred & Fifteen Only
71	Supply & installation of electrical control panel of L&T / Havells or equivalent make for submersible pump / pumpset containing contractor relay condenser. (b) For 1.5/2.00 HP pump set single phase (CSI No. 19.31-b)	1.00	No	5321.00	5321.00	INR Five Thousand Three Hundred & Twenty One Only
72	Supply & installation of submersible pump of K.S.B/ CALAMA. or eqt. make including cost of labour, T&P and material required for completion of work. b) 1.5 HP outlet 40mm dia. or more, Head 71/36, Discharge 2000/6000 LPH (CSI No. 19.32b)	1.00	No	20466.00	20466.00	INR Twenty Thousand Four Hundred & Sixty Six Only
73	Supply and fixing of submersible cable Havells or equivalent make, for submersible pump complete in all respect. b) 2.5 mm2 for pump above 1 HP and up to 3 HP.(CSI No. 19.33b)	20.00	RM	102.00	2040.00	INR Two Thousand & Forty Only
74	Supply & fixing of steel wire rope for submersible pump including cost of labour, T&P and material required for completion of work. (CSI No. 19.34)	60.00	RM	42.00	2520.00	INR Two Thousand Five Hundred & Twenty Only

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	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 5 mm thick. (CSI No. 20.04)	3.00	Sqm	854.00	2562.00	INR Two Thousand Five Hundred & Sixty Two Only
75	(i) Same as above item but 4 mm thick panes. CSI 20.04(a)	3.00	Sqm	836.00	2508.00	INR Two Thousand Five Hundred & Eight Only
76	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. (As per Agr. 13/2021-22/SE., ECDC, Meerut)	4.00	Nos	520.00	2080.00	INR Two Thousand & Eighty Only
77	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. (As per Agr. 13/2021-22/SE., ECDC, Meerut)	2.00	Nos	596.00	1192.00	INR One Thousand One Hundred & Ninety Two Only
78	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 (As per Agr. 13/2021-22/SE., ECDC, Meerut)	2.00	Nos	278.00	556.00	INR Five Hundred & Fifty Six Only
79	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. (As per Agr.13/2021-22/SE., ECDC, Meerut)	2.00	Nos	276.00	552.00	INR Five Hundred & Fifty Two Only
80	Circuit wiring using 2 runs of 4.0 sq.mm+ 1 run of 2.5 sqmm PVC Insulated copper wire drawn in 25mm dia 2 mm thick PVC conduits Power circuits being reckoned from distribution board to first Power control switch Boards. (for power points 15 Amp) PSI No. 221 (c)	18.00	RM	122.00	2196.00	INR Two Thousand One Hundred & Ninety Six Only
81	Supply and fixing 6A to 32A SP MCB C curve- 10 KA PSI No. 1002	2.00	Nos	132.00	264.00	INR Two Hundred & Sixty Four Only
82	d) 63 Amp. Isolator PSI NO.1004 (B)	1.00	Nos	148.00	148.00	INR One Hundred & Forty Eight Only
83	Surface flush mounted 8 ways S.P.N. distribution board. (As per Agr. 13/2021-22/SE., ECDC, Meerut) PSI NO 1024	1.00	Nos	512.00	512.00	INR Five Hundred & Twelve Only
84	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. 26.01a)	20.00	RM	190.00	3800.00	INR Three Thousand Eight Hundred Only
85	Providing and fixing 20 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. 26.01b)	30.00	RM	226.00	6780.00	INR Six Thousand Seven Hundred & Eighty Only
86	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. 26.02a)	5.00	RM	163.00	815.00	INR Eight Hundred & Fifteen Only
87	Providing and fixing 20 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. 26.02b)	5.00	RM	194.00	970.00	INR Nine Hundred & Seventy Only
88	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. 26.16a)	1.00	No	660.00	660.00	INR Six Hundred & Sixty Only
89	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. 26.16b)	1.00	No	420.00	420.00	INR Four Hundred & Twenty Only
90	Providing and fixing CP BRASS ANGLE VALVE 15 mm dia. HEAVY QUALITY (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. 26.16i)	2.00	No	571.00	1142.00	INR One Thousand One Hundred & Forty Two Only
91	Providing and fixing CP BRASS STOP COCK 15 mm dia. HEAVY QUALITY(400Gms.) (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. 26.16c)	2.00	No	660.00	1320.00	INR One Thousand Three Hundred & Twenty Only
92	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. 26.04a)	1.00	No	451.00	451.00	INR Four Hundred & Fifty One Only
93	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. 26.04b)	1.00	No	631.00	631.00	INR Six Hundred & Thirty One Only

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110	CIRCUIT WIRING/ SUBMAIN WIRING: Circuit wiring starting from Distribution Box to point control box/switch box in PVC (Heavy)25mm dia conduits, using accessories such as bends, tees, saddles, draw boxes, mounting boxes, inner plates, cover plates, ceiling rose etc. (including chase cutting & filling of chase where ever required) with PVC insulated 1100V grade FR multi-stranded copper conductor wire (color code to be used). Identification ferrules at both end to be provided. Circuit wiring using 2 runs of 2.5 sq.mm+ 1 run of 1.5sqmm PVC Insulated copper wire drawn in 25mm dia 2 mm thick PVC conduits as lighting circuits being reckoned from distribution board to first light / Fan control switch Boards PSI No. 1307 (c) UP PWD SOR 2009	10.00	RM	96.00	960.00	INR Nine Hundred & Sixty Only
111	Circuit wiring using 2 runs of 4.0 sq.mm+ 1 run of 2.5 sqmm PVC insulated copper wire drawn in 25mm dia 2 mm thick PVC conduits Power circuits being reckoned from distribution board to first Power control switch Boards. (for power points 15 Amp) PSI No. 221 (c)	13.00	RM	122.00	1586.00	INR One Thousand Five Hundred & Eighty Six Only
112	Circuit wiring using 2 runs of 6.0 sq.mm+ 1 run of 4.0 sqmm PVC insulated copper wire drawn in 25mm dia 2 mm thick PVC conduits as Power circuits being reckoned from distribution board to first Power control switch Boards. (For A.C.) PSI No. 222 (c)	16.00	RM	170.00	2720.00	INR Two Thousand Seven Hundred & Twenty Only
113	S/F ceiling fan of Orient new Breeze model/polar/Usha/GEC/ Crompton/Bajaj make of 1200 mm sweep with step electronic regulator incl. making connection with wire and testing etc as per sample approved by E/I before fixing of the same incl. cost all material, labour & T&P etc reqd for proper completion of work as per direction of E/I. (As per Agr. 11/2021-22/SE., ECDC, Meerut) NSI	2.00	Nos	1785.00	3570.00	INR Three Thousand Five Hundred & Seventy Only
114	Dismantalling and resoling brick on edge / interlocking tilles floor with existing old bricks / interlocking tiles laid dry joints filled with sand including preparation of base to proper slope and camber, its ramming including supply of labour, T&P required for proper completion of the work. CSI No. 26.111 (As per SOR 2020-21)	2.00	Sqm	138.00	276.00	INR Two Hundred & Seventy Six Only
115	S/F hexagonal fan box with hexagonal side approx. 80 mm in length fabricated from 15 SWG GI MS sheet incorporating 10 mm dia MS round bar dully bent for supporting fan hanger duly painted with red oxide and screwing arrangement with wiring conduit laid in the RCC roof before cocreting along with supply of materials, labour, T&P required for proper completion of the work. PSI 1149	2.00	Nos	150.00	300.00	INR Three Hundred Only
116	Water Proofing coat with 3mm thick neat cement layer including 200ml water proofing compound like as Dr. Fixit and other equivalent with all labour T&P.(Rate already Sanction by Agr. No. 14/2018-19) NSI	25.00	Sqm	80.00	2000.00	INR Two Thousand Only
117	Supply & fixing high tensile steel colour coated anti rust, high temp resistant sheet with tensile strength 550PMA hot dip metallic (Zink Aluminium) alloy (Nn 55%) Al, (45%) coating 70 GSM with total thickness not less than 0.45 mm (TCT) durashine or equivalent make with necessary over laps including Previous CSI No. 26.50 (As per SOR 2020-21)	6.50	Sqm	823.00	5349.50	INR Five Thousand Three Hundred & Forty Nine and Paise Fifty Only
Total In Figures					478835.80	INR Four Lakh Seventy Eight Thousand Eight Hundred & Thirty Five and Paise Eighty Only
Quoted Rate In Figures					Select	0.00 INR Zero Only
Quoted Rate In Words					INR Zero Only	

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Approved
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APPROVED FOR TENDER

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