

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

Name of Work: Construction of Testing room of Transformer repair workshop situated at 132 K.V S/S Hapur.

T.S. No:42/ECDC/MRT/2022-23

Name of the Bidder/ Bidding Firm / Company	
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PRICE SCHEDULE

(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	16.00	Cum	172.00	2752.00	INR Two Thousand Seven Hundred & Fifty 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	25.00	Sqm	7.00	175.00	INR One Hundred & Seventy Five Only
4	Earth filling under floors and/or sub station area including cost of earth when obtained from with in 8 km outside UPPCL area including its roylty 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	20.00	Cum	414.00	8280.00	INR Eight Thousand Two Hundred & Eighty Only
5	Concrete with 4cm gauge I class brick ballast, coarse sand (F.M. 1.8 to 2.5) and cement in proportion of 12:6:1 in foundations and under floors including supply of all materials, labour and tools and plants etc. required for proper completion. CSI No. 5.01	6.00	Cum	4859.00	29154.00	INR Twenty Nine Thousand One Hundred & Fifty Four 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	5.00	Cum	5337.00	26685.00	INR Twenty Six Thousand Six Hundred & Eighty Five 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	1.00	Cum	6868.00	6868.00	INR Six Thousand Eight Hundred & Sixty Eight 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	1.00	Cum	8774.00	8774.00	INR Eight Thousand Seven Hundred & Seventy Four Only
9	Concreting of 40 mm thick RCC trench covers in mild steel frame work with RCC 1:1.5:3 in Cement, Chohan coarse sand (F.M. 1.8 to 2.5) and 2cm gauge graded hard stone ballast with 3mm 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	8.00	SQM	340.00	2720.00	INR Two Thousand Seven Hundred & Twenty 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 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
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 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	4.10	Cum	9706.00	39794.60	INR Thirty Nine Thousand Seven Hundred & Ninety Four and Paise Sixty Only

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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 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
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 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	5.00	Cum	8036.00	40180.00	INR Forty Thousand One Hundred & Eighty 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 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	0.80	Cum	10666.00	8532.80	INR Eight Thousand Five Hundred & Thirty Two and Paise Eighty Only
15	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	8.00	Cum	4859.00	38872.00	INR Thirty Eight Thousand Eight Hundred & Seventy Two Only
16	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	19.50	Cum	5516.00	107562.00	INR One Lakh Seven Thousand Five Hundred & Sixty Two Only
17	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	2.00	Cum	5845.00	11690.00	INR Eleven Thousand Six Hundred & Ninety Only
18	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
19	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 &
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-Incharge 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	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	0.73	M.T.	83076.00	60645.48	INR Sixty Thousand Six Hundred & Forty Five and Paise Forty Eight Only
22	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	1.80	M.T.	74620.00	134316.00	INR One Lakh Thirty Four Thousand Three Hundred & Sixteen Only
23	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	6.00	Sqm	632.00	3792.00	INR Three Thousand Seven Hundred & Ninety Two Only
24	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	30.00	Sqm	183.00	5490.00	INR Five Thousand Four Hundred & Ninety Only
25	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
26	Add for extra labour to all items of plaster if done in ceiling. CSI No. 11.10	15.00	Sqm	21.40	321.00	INR Three Hundred & Twenty One Only
27	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
28	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

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29	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	10.00	Kg	47.00	470.00	INR Four Hundred & Seventy Only
30	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	50.00	Rmt	12.00	600.00	INR Six Hundred Only
31	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	50.00	Rmt	11.00	550.00	INR Five Hundred & Fifty Only
32	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
33	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	5.00	Sqm	401.00	2005.00	INR Two Thousand & Five Only
34	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
35	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
36	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	35.00	SQM	1124.00	39340.00	INR Thirty Nine Thousand Three Hundred & Forty 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	Providing and laying of 16 mm thick granite (black/ brown) in flooring or skirting ,of approved shade, colour,size and pattern , laid over base cement mortar 1:4 mix including finishing the joints with white cement mixed with pigment to match the shade of granite floor including cost of all material, labour and T&P required for proper completion of the work, as per direction of Engineer incharge. CSI No.12.20	1.00	SQM	2856.00	2856.00	INR Two Thousand Eight Hundred & Fifty Six Only
40	S/F 10mm thick Group 25 acid resisting tiles of "Somany" or equivalent approved make in flooring or skirting (confirming to I.S. 4457 - 1967) in ordinary Portland cement and coarse sand in ratio 1:3 with the joints filled with acid resistant cement "Accocide" of A.C.C. or equivalent make acid resistant cement and liquid supplied with cement, mixed in 1:3 ratio to make a workable paste in G.I. Tray. The joints should be kept as 5mm and to be cured for 7 days with dilute HCL (One part acid and three parts of water). Rate should be including the cost of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 12.22	5.00	SQM	1339.00	6695.00	INR Six Thousand Six Hundred & Ninety Five Only
41	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
42	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	15.00	Sqm	71.00	1065.00	INR One Thousand & Sixty Five Only

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43	Same as item No. 13.01 above but for every coat after first coat. CSI No. 13.02	15.00	Sqm	35.00	525.00	INR Five Hundred & Twenty Five Only
44	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	20.00	Sqm	47.00	940.00	INR Nine Hundred & Forty Only
45	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	50.00	Sqm	65.00	3250.00	INR Three Thousand Two Hundred & Fifty Only
46	Same as item No. 13.08 but for every coat after the first coat. CSI No. 13.09	50.00	Sqm	27.00	1350.00	INR One Thousand Three Hundred & Fifty Only
47	As in item 13.08 but for every coat on previously old oil bound distempered surface. CSI No. 13.10	45.00	Sqm	33.00	1485.00	INR One Thousand Four Hundred & Eighty Five Only
48	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	50.00	Sqm	84.00	4200.00	INR Four Thousand Two Hundred Only
49	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	35.00	Sqm	41.00	1435.00	INR One Thousand Four Hundred & Thirty Five Only
50	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
51	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	30.00	Sqm	41.00	1230.00	INR One Thousand Two Hundred & Thirty Only
52	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	30.00	Sqm	62.00	1860.00	INR One Thousand Eight Hundred & Sixty Only
53	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	5.00	Sqm	90.00	450.00	INR Four Hundred & Fifty Only
54	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
55	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
56	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	8.00	Cum	505.00	4040.00	INR Four Thousand & Forty Only
57	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	4.50	Cum	1128.00	5076.00	INR Five Thousand & Seventy Six Only
58	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
59	Dismantling existing plaster including disposal of refuse as directed by the Engineer-I/C within a distance of 60 M. CSI No. 15.11	20.00	Sqm	41.00	820.00	INR Eight Hundred & Twenty Only
60	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	45.00	Sqm	13.00	585.00	INR Five Hundred & Eighty Five Only
61	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 (a)	10.00	Sqm	854.00	8540.00	INR Eight Thousand Five Hundred & Forty Only
62	Same as CSI No. 20.04(a) but for 4 mm thick panes. CSI No. 20.04 (b)	3.00	Sqm	836.00	2508.00	INR Two Thousand Five Hundred & Eight Only

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63	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) (PSI 131(C))	4.00	Nos	520.00	2080.00	INR Two Thousand & Eighty Only
64	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) (PSI 133(C))	2.00	Nos	596.00	1192.00	INR One Thousand One Hundred & Ninety Two Only
65	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) (PSI 134(C))	2.00	Nos	278.00	556.00	INR Five Hundred & Fifty Six Only
66	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) PSI 1130	2.00	Nos	276.00	552.00	INR Five Hundred & Fifty Two Only
67	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
68	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
69	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
70	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
71	d) 63 Amp. Isolator PSI NO.1004 (B)	1.00	Nos	148.00	148.00	INR One Hundred & Forty Eight Only
72	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
73	S/F ceiling fan of Orient new Breeze model/polar/Usha/GEC/ Crompton/Bajal 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
74	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)	5.00	RM	190.00	950.00	INR Nine Hundred & Fifty Only
75	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. 26.01(b)	5.00	RM	226.00	1130.00	INR One Thousand One Hundred & Thirty Only
76	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
77	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. 26.02(b)	5.00	RM	194.00	970.00	INR Nine Hundred & Seventy Only

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78	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)	1.00	No	660.00	660.00	INR Six Hundred & Sixty Only
79	Providing and fixing CP BRASS BIB COCK 15 mm dia. HEAVY QUALITY (200gm) (L & K and equi.) fittings, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.16(b)	1.00	No	420.00	420.00	INR Four Hundred & Twenty Only
80	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. 26.16(l)	2.00	No	571.00	1142.00	INR One Thousand One Hundred & Forty Two Only
81	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. 26.16(c)	2.00	No	660.00	1320.00	INR One Thousand Three Hundred & Twenty Only
82	Providing and fixing full way 15mm dia G.M. gate valve with wheel, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.04(a)	1.00	No	451.00	451.00	INR Four Hundred & Fifty One Only
83	Providing and fixing full way 20mm dia G.M. gate valve with wheel, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.04(b)	1.00	No	631.00	631.00	INR Six Hundred & Thirty One Only
84	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	15.00	RM	257.00	3855.00	INR Three Thousand Eight Hundred & Fifty Five Only
85	Providing and fixing of 110 mm dia PVC pipe 4 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. 26.18	2.00	RM	186.00	372.00	INR Three Hundred & Seventy Two Only
86	Providing and Laying 80 mm thick factory made vibrated Interlocking CC tile M-35 grade over prepared subgrade with 50 mm thick fine sand layer making joints filled properly and finished in proper level and alignment including cost of all material, labour and T&P required for proper completion of work as per direction of E/I. CSI No. 26.87 (As per Old Schedule)	6.00	Sqm	990.00	5940.00	INR Five Thousand Nine Hundred & Forty Only
87	Providing and fixing first quality white glazed "Orissa" pattern W.C. Pan Hindustan, Cera make, size 580 mm (Hindustan, Cera Make) with out "P" trap including supply of all materials, labour and T&P etc complete. CSI No. 27.01	1.00	No	2354.00	2354.00	INR Two Thousand Three Hundred & Fifty Four Only
88	Providing and fixing 10 litres low level PVC flushing cistern, COMPLETE WITH ALL FITTINGS including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 27.12	1.00	No	1320.00	1320.00	INR One Thousand Three Hundred & Twenty Only
89	Providing and fixing in position 32 mm. dia P.V.C. flush pipe, for W.C. with unions, bends etc. including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 27.13	1.00	No	112.00	112.00	INR One Hundred & Twelve Only
90	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 the work (a) 75 mm dia. CSI No. 27.29(a)	1.00	RM	278.00	278.00	INR Two Hundred & Seventy Eight Only
91	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 the work (c) 110 mm dia. CSI No. 27.29(c)	1.00	RM	388.00	388.00	INR Three Hundred & Eighty Eight Only
92	Removal of cinder from W.C. and bath and its disposal within 50 metres lead including cost of all labour and T&P etc. required for proper completion of the work. CSI No. 27.22	2.00	Cum	119.00	238.00	INR Two Hundred & Thirty Eight Only

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93	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin- 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	33.00	Sqm	990.00	32670.00	INR Thirty Two Thousand Six Hundred & Seventy Only
94	Supply & fixing 32mm dia P.V.C. flexible pipe for water supply from submersible pump to outlet of boring. (Rate already Sanction vide S.E. OM no. 636/EGDC/MT/WT-1 dated 28.09.2017) NSI	50.00	RM	116.00	5800.00	INR Five Thousand Eight Hundred Only
95	P/F openable steel glazed windows and ventilators of standard rolled Z section conforming to IS 7452 1974 and welded with (100×20×5) mm holdfast embedded in C.C. block (23×11.5×7.5) cm size of 1:2:4 proportion of cement, coarse sand, & 20mm graded stone ballast as per drawing etc. complete but excluding S/F of glass panes of 4mm thick with nuts glazing clips with special putty of approved make etc. The fabrication should conform to IS 1038 1975. Including cost of all materials, labour & T&P etc. (Rate already Sanction by Agr. No. 20/2017-18) NSI	4.00	Sqm	1457.00	5828.00	INR Five Thousand Eight Hundred & Twenty Eight Only
96	Same as above in Item no. 95 above but for fixed portion. (Rate already Sanction by Agr. No. 20/2017-18) NSI	2.00	Sqm	850.00	1700.00	INR One Thousand Seven Hundred Only
97	Dismantalling and resoling brick on edge / Interlocking tiles 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
98	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 (As per Agr 11/2021-22/EECD/MEERUT)	2.00	Sqm	150.00	300.00	INR Three Hundred Only
99	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. CSI No. 26.50 (As per SOR 2020-21)	2.50	Sqm	823.00	2057.50	INR Two Thousand & Fifty Seven and Paise Fifty Only
Total In Figures					780992.38	INR Seven Lakh Eighty Thousand Nine Hundred & Ninety Two and Paise Thirty Eight Only
Quoted Rate In Figures		Select	0.00		INR Zero Only	
Quoted Rate in Words		INR Zero Only				

JE (C)

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