

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

Name of Work: Special Repair and Maintenance Works of Control Room Building at 33/11 K.V. Sub-Station Kurmal Distt- Shamli.

T.S. No: 67 /ECDC/MRT/2022-23

Name of the Bidder/
Bidding Firm /
Company

PRICE SCHEDULE

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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	1.00	Cum	195.00	195.00	INR One Hundred & Ninety Five Only
2	Clearing Jungle including uprooting of rank vegetations, grass, bush wood, trees and saplings of girth upto 30 cm measured at a height of one meter above ground level and removal of rubbish upto a distance of 50 meters outside the periphery of area cleared. CSI No. 4.08	1.00	sqm	8.00	8.00	INR Eight 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	1.00	Cum	433.00	433.00	INR Four Hundred & Thirty Three Only
4	Concrete with 4cm gauge I class brick 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	0.10	Cum	4517.00	451.70	INR Four Hundred & Fifty One and Paise Seventy 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. 5.02	0.10	Cum	5509.00	550.90	INR Five Hundred & Fifty and Paise Ninety Only
6	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	0.10	Cum	7085.00	708.50	INR Seven Hundred & Eight and Paise Fifty Only
7	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	1.00	sqm	355.00	355.00	INR Three Hundred & Fifty Five Only
8	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	7575.00	1515.00	INR One Thousand Five Hundred & Fifteen Only
9	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	9088.00	908.80	INR Nine Hundred & Eight and Paise Eighty 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 Dalia, Jhansi or other quarries in proportion 1:1.5:3 in lintels of doors and windows, excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P. CSI No. 5.23	0.10	Cum	8742.00	874.20	INR Eight Hundred & Seventy Four and Paise Twenty Only
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 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	10060.00	1006.00	INR One Thousand & 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 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	10883.00	1088.30	INR One Thousand & Eighty Eight and Paise Thirty 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 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	0.10	Cum	8344.00	834.40	INR Eight Hundred & Thirty Four and Paise Forty 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 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	0.10	Cum	11048.00	1104.80	INR One Thousand One Hundred & Four and Paise Eighty Only
15	1st class brick (not less than class 150) work in 1:6 C.M. with cement and coarse sand (2.9 to 3.2 F.M) mortar in foundation and plinth including supply of all material, labour and T&P etc. required for proper completion of work. CSI No. 6.01	0.10	Cum	4864.00	486.40	INR Four Hundred & Eighty Six and Paise Forty Only
16	1st class brick work in 1:6 C.M. with cement and coarse sand of 2.25 F.M. mortar in super structure including necessary cutting and moulding of brick as required including honey comb brick work, thickness of wall one brick (230mm) thick in super structure. CSI No. 6.01+6.08	0.10	Cum	5183.00	518.30	INR Five Hundred & Eighteen and Paise Thirty Only
17	Same as item no. 16 above but for wall of half brick 4.5" (115 mm) thick but in 1:6 C.M. with cement and coarse sand of 2.25 F.M. mortar. CSI No. 6.01+6.09	0.10	Cum	5343.00	534.30	INR Five Hundred & Thirty Four and Paise Thirty Only
18	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. CSI No. 6.16	2.00	Cum	4373.00	8746.00	INR Eight Thousand Seven Hundred & Forty Six Only
19	Brick work in foundation & plinth with old dismantled bricks (supplied by department free of cost) and coarse sand of F.M. 1.8 to 2.5 mortar in 1:6 including supply of all other materials, labour, removing mortar & cleaning of old & used bricks, T&P etc complete. CSI No. 6.18	1.00	Cum	2814.00	2814.00	INR Two Thousand Eight Hundred & Fourteen Only
20	Removal of cement mortar from dismantled bricks and stacking in countable position at place as directed by Engineer in charge including cost of all materials labour and T&P required for proper completion of work. CSI No. 6.22	1.00	%o	1357.00	1357.00	INR One Thousand Three Hundred & Fifty Seven Only
21	Supply and filling brick bat in soak pit including all material, labour and T&P etc complete. (01 soak pit) CSI No. 6.23	3.00	Cum	1372.00	4116.00	INR Four Thousand One Hundred & Sixteen Only
22	25mm.thick Damp proof course with cement concrete consisting of 1 part cement, 1 1/4 parts approved coarse sand and 3 parts approved 12 mm graded stone grit and also including liquid water proofing material as approved Engineer-in-charge in proportion as specified by the manufacturer. CSI No. 7.02	1.00	Sqm	339.00	339.00	INR Three Hundred & Thirty Nine Only
23	Supply and fixing galvanised mosquito proof jali (14x24 gauge) over window frame and including supply of Shishum wood battens 8cm x 1cm and including supply and fixing of necessary screws, all materials, labour and T&P etc. required for proper completion of the work. CSI No. 8.44	18.00	Sqm	1000.00	18000.00	INR Eighteen Thousand Only
24	Supply and fixing of 32 mm thick single leaf flush door shutter (boiled water resistance, phenol maldehyde resin bonded, hot pressed factory made) commercial quality to I.S. 2202 part-1 (1983) ISI marked including fixing of wooden cleats and stoppers and including fixing and adjustment of hinges, bolts, locks, handles, springs and other fittings but excluding their supply including all materials, labour & T&P etc. required for proper completion of work. CSI No. 8.57	3.00	Sqm	1927.00	5781.00	INR Five Thousand Seven Hundred & Eighty One Only
25	Supply and fixing brass polished hydraulic door closure of approved make & quality its fixing and adjustment with the help of screws, nuts and bolts including supply of all materials, labour & T&P etc. required for proper completion of work. CSI No. 8.60	1.00	Nos.	1559.00	1559.00	INR One Thousand Five Hundred & Fifty Nine Only
26	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. 9.01	0.010	M.T.	98843.00	988.43	INR Nine Hundred & Eighty Eight and Paise Forty Three Only
27	Same as Item No. 26 But when Steel is to be provided by the department. CSI No. 9.02	0.010	M.T.	32513.00	325.13	INR Three Hundred & Twenty Five and Paise Thirteen 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). CSI No. 9.03	0.010	M.T.	87899.00	878.99	INR Eight Hundred & Seventy Eight and Paise Ninety Nine Only
29	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	40.00	Sqm	728.00	29120.00	INR Twenty Nine Thousand One 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) CSI No.9.23	1.00	sqm	805.00	805.00	INR Eight Hundred & Five 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) CSI No.9.37	1.00	RM	337.00	337.00	INR Three Hundred & Thirty Seven Only

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32	Supply and Fixing 24 B.W.G. G.C. Iron sheet roofing fixed in position with J or U bolts 10 mm dia with G.I. Limpet & bitumen washers including supply of all material, labour, wastage and T&P etc. required for proper completion of work. CSI No. 10.01	1.00	sqm	679.00	679.00	INR Six Hundred & Seventy Nine Only
33	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	1.00	RM	497.00	497.00	INR Four Hundred & Ninety Seven Only
34	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	20.00	Sqm	192.00	3840.00	INR Three Thousand Eight Hundred & Forty Only
35	Same as item No. 34 above but with 1:6 cement and coarse sand mortar. CSI No. 11.09	1.00	Sqm	182.00	182.00	INR One Hundred & Eighty Two Only
36	Same as item No. 34 above but with 1:3 cement and coarse sand mortar for ceiling. . CSI No. 11.06+11.10	1.00	Sqm	230.40	230.40	INR Two Hundred & Thirty and Paise Forty
37	Add for extra labour and Materials for plaster over rough face of one brick thick wall. CSI No. 11.12	1.00	Sqm	25.00	25.00	INR Twenty Five Only
38	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	6.00	Sqm	282.00	1692.00	INR One Thousand Six Hundred & Ninety Two Only
39	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
40	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	3.00	RM	12.00	36.00	INR Thirty Six Only
41	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	2.00	RM	12.00	24.00	INR Twenty Four Only
42	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	2.00	Sqm	21.00	42.00	INR Forty Two Only
43	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	2.00	Sqm	413.00	826.00	INR Eight Hundred & Twenty Six Only
44	First class bricks on Edge floor laid dry, joints sand filled, including preparation base to proper slope and its ramming including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 12.07	2.00	Sqm	546.00	1092.00	INR One Thousand & Ninety Two Only
45	same as item no 44 but bricks laid flat. CSI No. 12.08	1.00	Sqm	374.00	374.00	INR Three Hundred & Seventy Four Only
46	Supply and Laying 10 mm thick glazed floor tiles of Somany, Johnson or equivalent make, laid with 1:3 cement and approved coarse sand mortar finished with white cement slurry, jointing and polishing complete,including supply of all materials, labour and T&P etc. completion required for proper completion of the work. CSI No. 12.11	1.00	Sqm	1084.00	1084.00	INR One Thousand & Eighty Four Only
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	1.00	Sqm	747.00	747.00	INR Seven Hundred & Forty Seven 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	1.00	RM	33.00	33.00	INR Thirty Three 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	1.00	Sqm	1254.00	1254.00	INR One Thousand Two Hundred & Fifty Four Only
50	Supply and Laying floor of 10 mm thick vitrified tiles of approved brand (Bell, Johnson or equivalent make) size of 600 x 600 mm of approved shade, colour and pattern laid over base cement mortar 1:4 mix, including finishing of joints with white cement mixed with pigment to match the shade of tiles, including supply of all materials, labour and T&P etc. completion required for proper completion of the work. CSI No. 12.18	1.00	Sqm	1335.00	1335.00	INR One Thousand Three Hundred & Thirty Five Only
51	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 toping of O.P.Cement mixed with 25% marble powder. The compressive strength of concrete pavers blocks shall not be less than 30 MPa & 4.5 Kg/No. including cost of all material, labour, T&P etc. required for proper completion of work as directed by Engineer-in-charge but excluding G.S.T. which shall be paid extra as per rules. CSI No. 12.23	1.00	Sqm	1027.00	1027.00	INR One Thousand & Twenty Seven Only


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52	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	1.00	Sqm	77.00 ✓	77.00	INR Seventy Seven Only
53	Same as item No.52 above but for every coat after 1st coat. CSI No. 13.02	70.00	Sqm	36.00 ✓	2520.00	INR Two Thousand Five Hundred & Twenty Only
54	Same as item no. 52 above but every coat on previously painted old wood or steel work. CSI No. 13.03	70.00	Sqm	49.00 ✓	3430.00	INR Three Thousand Four Hundred & Thirty Only
55	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. CSI No. 13.07	1.00	Sqm	85.00 ✓	85.00	INR Eighty Five Only
56	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	450.00	Sqm	69.00 ✓	31050.00	INR Thirty One Thousand & Fifty Only
57	Same as item No. 56 above but for every coat after the first coat. CSI No. 13.09	450.00	Sqm	28.00 ✓	12600.00	INR Twelve Thousand Six Hundred Only
58	Same as item No.56 above but for every coat on previously old distempered surface. CSI No. 13.10	2.00	Sqm	35.00 ✓	70.00	INR Seventy Only
59	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	100.00	Sqm	89.00 ✓	8900.00	INR Eight Thousand Nine Hundred Only
60	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	600.00	Sqm	43.00 ✓	25800.00	INR Twenty Five Thousand Eight Hundred Only
61	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	1.00	Sqm	98.00 ✓	98.00	INR Ninety Eight Only
62	Same as in item no 61 above but for every coat of additional APEX or equivalent brand weather coat paint. CSI No. 13.23	1.00	Sqm	43.00 ✓	43.00	INR Forty Three Only
63	Same as in item no 61 above but for every coat of additional APEX or equivalent brand weather coat paint coat paint previously treated surface. CSI No. 13.24	1.00	Sqm	65.00 ✓	65.00	INR Sixty Five Only
64	Applying POP plaster with minimum 6mm to 10 mm thick plaster of paris putty on plastered surface for making POP cornice 100mmx100mm size approved shape and design at junction of ceiling and wall including cost of necessary centering and shuttering, POP, its wastage, T&P etc. complete for proper completion of work. CSI No. 13.29 (as per old SOR 2020)	20.00	RM	112.00 ✓	2240.00	INR Two Thousand Two Hundred & Forty Only
65	Making POP fan ring / circle on ceiling of room of approved shape and design approved by E/I including cost of all materials, labour, T&P required for proper completion of work. CSI No. 13.18 (as per old SOR 2020)	2.00	Nos.	130.00 ✓	260.00	INR Two Hundred & Sixty Only
66	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	1.50	Cum	575.00 ✓	862.50	INR Eight Hundred & Sixty Two and Paise Fifty Only
67	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	11.00	Cum	1277.00 ✓	14047.00	INR Fourteen Thousand & Forty Seven Only
68	Dismantling cement concrete or brick or granolithic floors including base concrete and including stacking of dismantled materials as directed by the Engineer In-charge within a distance of 60 metres. CSI No. 15.05	1.00	Sqm	66.00 ✓	66.00	INR Sixty Six Only
69	Dismantling doors and windows chowkats including stacking of materials as directed by Engg-in-Charge within a distance of 60 meters. CSI No. 15.10	3.00	Sqm	74.00 ✓	222.00	INR Two Hundred & Twenty Two Only
70	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	47.00 ✓	940.00	INR Nine Hundred & Forty Only
71	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	600.00	Sqm	14.00 ✓	8400.00	INR Eight Thousand Four Hundred Only
72	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	2.00	Sqm	158.00 ✓	316.00	INR Three Hundred & Sixteen Only
73	Dismantling and re-laying of dry B.O.E. floor ncluding cost of all materials, labour, T&P required for proper completion of work. CSI No. 15.18	2.00	Sqm	310.00 ✓	620.00	INR Six Hundred & Twenty Only
74	Laying cement concrete road slab consisting of 1 part cement 2 part coarse sand and 4 part approved 20 mm down graded aggregate over prepared sub grade after its rectification and bringing it to proper camber and shape, finishing with TRIMIX machine, concrete hardner and making good to the satisfaction of E/I including cost of all materials, labour, T&P required for proper completion of work. CSI No. 18.12	0.10	Cum	8341.00 ✓	834.10	INR Eight Hundred & Thirty Four and Paise Ten Only


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75	Filling of 20 mm wide 100/150 mm deep joint with coarse sand and saw dust mixed with hot bitumen etc. complete including cost of all materials, labour, T&P required for proper completion of work. CSI No. 18.14	1.00	RM	44.00	44.00	INR Forty Four Only
76	Providing and fixing 12 mm thick particle board of commercial quality 125 mm deep for making partitions of C.C. road slab as per direction E/I including cost of all materials, labour, T&P required for proper completion of work. CSI No. 18.15	1.00	RM	179.00	179.00	INR One Hundred & Seventy Nine Only
77	Supply and fixing of submersible cable Havels or equivalent make, for submersible pump complete in all respect. 2.5 sqmm for pump above 1 HP and upto 3 HP CSI No. 19.33(b)	2.00	RM	103.00	206.00	INR Two Hundred & Six Only
78	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)	2.00	Sqm	838.00	1676.00	INR One Thousand Six Hundred & Seventy Six Only
79	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	1848.00	1848.00	INR One Thousand Eight Hundred & Forty Eight Only
80	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	11.00	cum	370.00	4070.00	INR Four Thousand & Seventy Only
81	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
82	Same as item No.81 above but for (c) Tower bolts 10 mm dia x 100 mm long. CSI No. 20.17 (c)	3.00	Nos	64.00	192.00	INR One Hundred & Ninety Two Only
83	Same as item No. 81 above but for (d) Iron hinges 100 mm size.12 gauge.thick. CSI No. 20.17 (d)	5.00	Nos	77.00	385.00	INR Three Hundred & Eighty Five Only
84	Same as item No. 81 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
85	S/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	3.00	Sqm	82.00	246.00	INR Two Hundred & Forty Six Only
86	Wiring point for light with 1.5 sq. mm. FR PVC insulated multistrand single copper conductor cable in PVC conduit pipe concealed in the wall, 14 SWG copper PVC coated Earth continuity wire, and approved quality, piano type switch ceiling rose/angle/batten holder as per approved sample on 3mm thick phenolic laminated bakelite sheet etc. of matching shade with wall colour complete in all respect. UP PWD SOR 2016 131 (C)	1.00	Nos	518.00	518.00	INR Five Hundred & Eighteen Only
87	Wiring point for fan/fresh air fan (light duty exhaust fan) 1.5 sq. mm FR PVC insulated multistrand single core copper conductor cable PVC conduit pipe concealed in the wall, 14 SWG copper earth continuity wire and approved quality, piano type switch & ceiling rose as per approved sample on 3mm thick phenolic laminated bakelite sheet etc. of matching shade with wall colour complete in all respects as per direction of E/I. UP PWD SOR 2016 133 (C)	1.00	Nos	595.00	595.00	INR Five Hundred & Ninety Five Only
88	Wiring point for plug with 1.5 sq. mm FR PVC insulated multistrand single core copper conductor cable in PVC conduit pipe concealed in the wall 14 SWG copper earth continuity wire and approved quality type switch and socket as per approved sample etc. of matching shade with wall colour complete in all respects as per direction of E/I UP PWD SOR 2016 134 (C)	1.00	Nos	275.00	275.00	INR Two Hundred & Seventy Five Only
89	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 175mmx100mmx50mm size with phenolic laminated bakelite sheet cover 3mm thick fixed with brass machine screw and cup washer. UP PWD SOR 2016 1139	1.00	Nos	270.00	270.00	INR Two Hundred & Seventy Only
90	S/F hexagonal fan box with hexagonal side approx. 80mm in length fabricated from 16 SWG M.S. sheet incorporating 10mm dia M.S. round bar duly bent for supporting fan hanger duly painted with red oxide and screwing arrangement with wiring conduit laid in the RCC roof before concreting along with supply of all materials labour and T&P etc. required for proper completion of work. UP PWD SOR 2016 1139	1.00	Nos	124.00	124.00	INR One Hundred & Twenty Four Only
91	Supply and laying 1.5 Sq.mm guage copper wire of "Plaza" oe equivalent make of approved quality including connecting with existing wiring in existing P.V.C. pipe including all material , labour and T&P complete. CSI No. 22.06 a	1.00	RM	74.00	74.00	INR Seventy Four Only
92	Supply and laying 2.5 Sq.mm guage copper wire of "Plaza" oe equivalent make of approved quality including connecting with existing wiring in existing P.V.C. pipe including all material , labour and T&P complete. CSI No. 22.06 b	2.00	RM	96.00	192.00	INR One Hundred & Ninety Two Only
93	Supply and laying 4.0 Sq.mm guage copper wire of "Plaza" oe equivalent make of approved quality including connecting with existing wiring in existing P.V.C. pipe including all material , labour and T&P complete. CSI No. 22.06c	1.00	RM	123.00	123.00	INR One Hundred & Twenty Three Only
94	S/R of regulator for ceiling fan of GEC or equivalent make of approved quality including cost of all labour material, T&P etc. required for proper completion of the work. (B) Electronic type CSI No. 22.60 (as per old SOR 2020)	1.00	Nos	170.00	170.00	INR One Hundred & Seventy Only
95	Supply and fixing of spiral type CFL tubes 25W of PHILIPS or equivalent make of approved sample and make as per direction of Engineer-in-charge CSI No. 22.68 (B)(as per old SOR 2020)	2.00	Nos	255.00	510.00	INR Five Hundred & Ten Only

96	Hiring Charge of welding machine for 8 hours service in a day or part as per requirement for attending minor type welding work as and where require as per direction of E/I. CSI No. 22.101 (as per old SOR 2020)	1.00	JOB PER DAY	1450.00	1450.00	INR One Thousand Four Hundred & Fifty Only
97	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)	1.00	RM	219.00	219.00	INR Two Hundred & Nineteen Only
98	Same as item No. 97 but for 32 mm dia. CSI No. 26.01 (d)	2.00	RM	433.00	866.00	INR Eight Hundred & Sixty Six Only
99	Providing and fixing full way 15 mm dia G.M. gate valve with wheel ,ISI ,mark heavy quality including supply of all materials, labours, T&P etc required for proper completion of work. CSI No. 26.04(a)	1.00	RM	656.00	656.00	INR Six Hundred & Fifty Six Only
100	same as item no 99 but for 20 mm dia CSI No. 26.04(b)	1.00	RM	976.00	976.00	INR Nine Hundred & Seventy Six Only
101	same as item no 99 but for 25 mm dia CSI No. 26.04(c)	1.00	RM	1371.00	1371.00	INR One Thousand Three Hundred & Seventy One Only
102	same as item no 99 but for 32 mm dia CSI No. 26.04(d)	1.00	RM	1838.00	1838.00	INR One Thousand Eight Hundred & Thirty Eight Only
103	Providing and fixing Half turn 15 mm dia G.M. gate valve with wheel ,ISI ,mark heavy quality including supply of all materials, labours, T&P etc required for proper completion of work. CSI No. 26.05(a)	1.00	RM	702.00	702.00	INR Seven Hundred & Two Only
104	same as item no 103 but for 20 mm dia CSI No. 26.05(b)	1.00	RM	918.00	918.00	INR Nine Hundred & Eighteen Only
105	same as item no 103 but for 25 mm dia CSI No. 26.05(c)	1.00	RM	1257.00	1257.00	INR One Thousand Two Hundred & Fifty Seven Only
106	same as item no 103 but for 32 mm dia CSI No. 26.05(d)	10.00	RM	1608.00	16080.00	INR Sixteen Thousand & Eighty Only
107	P/F GI Unions nominal bore 15 mm ISI ,mark heavy quality including supply of all materials, labours, T&P etc required for proper completion of work. CSI No. 26.10(a)	1.00	RM	102.00	102.00	INR One Hundred & Two Only
108	same as item no 107 but for 20 mm dia CSI No. 26.10(b)	1.00	RM	132.00	132.00	INR One Hundred & Thirty Two Only
109	same as item no 107 but for 25 mm dia CSI No. 26.10(c)	1.00	RM	193.00	193.00	INR One Hundred & Ninety Three Only
110	same as item no 107 but for 32 mm dia CSI No. 26.10(d)	1.00	RM	295.00	295.00	INR Two Hundred & Ninety Five Only
111	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
112	Supply and fixing 15 mm dia CI/PVC bib cock including replacing of old bib cock complete. CSI No. 26.13 (c)	2.00	Nos	61.00	122.00	INR One Hundred & Twenty Two Only
113	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	678.00	1356.00	INR One Thousand Three Hundred & Fifty Six Only
114	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	672.00	1344.00	INR One Thousand Three Hundred & Forty Four Only
115	Same as item No. 114 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
116	Same as item No. 114 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
117	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	17.00	RM	261.00	4437.00	INR Four Thousand Four Hundred & Thirty Seven Only
118	Providing and fixing 15 mm dia ISI Approved CPVC complete with special such as bend, tee, socket ,cross, clamps etc earth work including filling the treanches etc require proper completion of the work, the rate also includes concealed GI fitting where require, cutting and making good the walls etc and all materials, labour and T&P complete. CSI No. 26.19	2.00	RM	109.00	218.00	INR Two Hundred & Eighteen Only
119	Providing and fixing 20 mm dia ISI Approved CPVC complete with special such as bend, tee, socket ,cross, clamps etc earth work including filling the treanches etc require proper completion of the work, the rate also includes concealed GI fitting where require, cutting and making good the walls etc and all materials, labour and T&P complete. CSI No. 26.20	16.00	RM	122.00	1952.00	INR One Thousand Nine Hundred & Fifty Two Only

120	Providing and fixing 25 mm dia ISI Approved CPVC complete with special such as bend, tee, socket, cross, clamps etc earth work including filling the treanches etc require proper completion of the work, the rate also includes concealed GI fitting where require, cutting and making good the walls etc and all materials, labour and T&P complete. CSI No. 26.21	2.00	RM	154.00	308.00	INR Three Hundred & Eight Only
121	Providing and fixing 32 mm dia ISI Approved CPVC complete with special such as bend, tee, socket, cross, clamps etc earth work including filling the treanches etc require proper completion of the work, the rate also includes concealed GI fitting where require, cutting and making good the walls etc and all materials, labour and T&P complete. CSI No. 26.22	30.00	RM	224.00	6720.00	INR Six Thousand Seven Hundred & Twenty Only
122	Providing and fixing first quality white glazed "Orissa" pattern W.C.Pan Hindustan, Cera make. size 580 mm.(Hindustan,Cera Make) with out "P" trap including supply of all materials,labour and T&P etc.complete. CSI No. 27.01	1.00	Nos	2379.00	2379.00	INR Two Thousand Three Hundred & Seventy Nine Only
123	Providing and fixing 510X400 mm wash hand basin of white glazed earthen ware first quality I.S.I. marked (Hindustan,Neycer / Cera make) including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 27.09	1.00	Nos	3166.00	3166.00	INR Three Thousand One Hundred & Sixty Six Only
124	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
125	Providing and fixing in position 32 mm dia PVC WASTE PIPE FOR WASH BASIN including supply of all materials, labour and T&P etc.required for proper completion of the work. CSI No. 27.14	1.00	Nos	92.00	92.00	INR Ninety Two Only
126	Providing and fixing 600 mm x 450 mm beveled edge mirror of Atul,Kiran makeglass 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	968.00	968.00	INR Nine Hundred & Sixty Eight Only
127	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	616.00	616.00	INR Six Hundred & Sixteen Only
128	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	271.00	271.00	INR Two Hundred & Seventy One Only
129	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	767.00	767.00	INR Seven Hundred & Sixty Seven Only
130	Providing and Fixing 100 mm dia PVC "P" or "S" trap including cement concrete and all materials, labour cartage T&P etc. required for proper completion of the work. (for W.C.) CSI No. 27.24	1.00	Nos	553.00	553.00	INR Five Hundred & Fifty Three Only
131	Providing and applying plaster of Paris putty of 2 mm thickness over plastered surface to prapare the surface even the smooth complete. CSI No. 28.27	2.00	sqm	110.00	220.00	INR Two Hundred & Twenty Only
132	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge : With average thickness of 120 mm and minimum thickness at khurra as 65 mm. CSI No. 28.28	156.00	Sqm	976.00	152256.00	INR One Lakh Fifty Two Thousand Two Hundred & Fifty Six Only
133	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. NSI	1.00	Each	3004.00	3004.00	INR Three Thousand & Four Only
134	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	2.00	sqm	80.00	160.00	INR One Hundred & Sixty Only
135	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	271.00	sqm	76.50	20731.50	INR Twenty Thousand Seven Hundred & Thirty One and Paise Fifty Only

136	Supply and wiring of submain with two numbers 4 sq. mm FR PVC insulated 1100 V grade multistand single core copper conductor cable in 25 mm dia heavy duty (2 mm thick) PVC conduit concealed in wall complete with 1 number 2.5 Sq. mm FR PVC insulated multistand copper conductor cable as earth continuity wire etc. complete in all respects. UP PWD SOR 2016 211 C	1.00	RM	150.00	150.00	INR One Hundred & Fifty Only
137	Supply and fixing 6A to 32A SP MCB C curve- 10 KA UP PWD SOR 2016 1002 C	1.00	Nos	105.00	105.00	INR One Hundred & Five Only
138	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
139	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
140	P/F openable steel glazed windows and ventilators of standard Z section conforming to IS 7452: 1974 and welded with 100x20x5 mm holdfast embedded in C.C. block 23x11.5x7.5 cm size of 1:2:4 proportion of cement, coarse sand, and 20 mm graded stone ballast as per drawing etc. complete but excluding S/F of glass panes of 4 mm thick with nuts and glazing clips with special putty of approve make etc. The fabrication should confirm to IS 1038 1975 including cost of all materials, labour and T&P etc. for proper completion of the work. NSI	1.00	Sqm	1457.00	1457.00	INR One Thousand Four Hundred & Fifty Seven Only
141	Same as Item no 140 but for Fixed portion NSI	2.00	sqm	850.00	1700.00	INR One Thousand Seven Hundred Only
Total in Figures					470796.65	INR Four Lakh Seventy Thousand Seven Hundred & Ninety Six and Paise Sixty Five Only
Quoted Rate in Figures			Select		0.00	INR Zero Only
Quoted Rate in Words			INR Zero Only			


J.E.


S.D.O.

APPROVED FOR TENDER

E.E.
checked by me

S.E. (Civil)