

Percentage BoQ

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

Name of Work: Roof treatment & Raising of Floor for Prevention of logging water 13 Nos. Residence (Type-I/16 to 28) at Hydrel Colony Victoria Park, Meerut.

T.S. No: 62/ECDC/MRT/2022-23

PRICE SCHEDULE							
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent 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	Earth filling under floors and/or corporation area including cost of earth obtained with in 8 km distance outside corporation area including all taxes (if any) and its carriage including watering, ramming in 20 cm layers and dressing of earth etc. all complete. CSI No. 4.10	211.64	Cum	433.00	91640.12	INR Ninety One Thousand Six Hundred & Forty and Paise Twelve Only	
2	Concrete with 4cm gauge I class brick ballast, coarse sand 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	20.00	Cum	4517.00	90340.00	INR Ninety Thousand Three Hundred & Forty Only	
3	Concrete with 4cm gauge stone ballast, coarse sand & 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	41.00	Cum	5509.00	225869.00	INR Two Lakh Twenty Five Thousand Eight Hundred & Sixty Nine Only	
4	Cement concrete with 2cm gauge approved hard stone ballast, coarse sand (F.M. 1.8 to 2.5) and cement in proportion of 4:2:1 including supply of all materials, labour, side shuttering if required and T&P etc. required for proper completion of work. CSI No. 5.06	2.80	Cum	7085.00	19838.00	INR Nineteen Thousand Eight Hundred & Thirty Eight Only	
5	Precast cement concrete door sills, chaukhats boundary posts, shelves and similar small work with cement, approved coarse sand and 2 cm gauge graded approved hard stone ballast in the proportion 1:2:4, excluding reinforcement but including fixing the same in position including cost of all other material, labor and T&P. CSI No. 5.09	0.40	Cum	8598.00	3439.20	INR Three Thousand Four Hundred & Thirty Nine and Paise Twenty Only	
6	First class brick work in 1:6 cement and coarse sand mortar in foundation and plinth including supply of all materials, labour & T&P etc. required for proper completion of work. CSI No. 6.01	1.80	Cum	4864.00	8755.20	INR Eight Thousand Seven Hundred & Fifty Five and Paise Twenty Only	
7	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+6.07+6.08	1.30	Cum	5559.00	7226.70	INR Seven Thousand Two Hundred & Twenty Six and Paise Seventy Only	
8	Brick work in foundation & plinth with old dismantled bricks (supplied by department free of cost) and coarse sand 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	1.10	Cum	2814.00	3095.40	INR Three Thousand & Ninety Five and Paise Forty Only	
9	S/F Galvanized Mosquitos proof heavy quality iron wire gauge (14x24) over window frames and including supply of C.P. Teak wood battens 8cm x 1cm. and including supply and fixing of necessary screws, all materials, labour and T&P etc. required for proper complete. CSI No. 8.43	31.20	Sqm	1133.00	35349.60	INR Thirty Five Thousand Three Hundred & Forty Nine and Paise Sixty Only	
10	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	18.30	Sqm	1927.00	35264.10	INR Thirty Five Thousand Two Hundred & Sixty Four and Paise Ten Only	
11	Mild Steel or Iron work in heavy sizes such as trusses built up gates, door frames, record, racks roof work gates etc. wrought to required form including holes rivetting or welding where necessary and also fixing in proper position and alignment including cost of all materials supplied by contractor. CSI No. 9.01	2.86	M.T.	98843.00	282690.98	INR Two Lakh Eighty Two Thousand Six Hundred & Ninety and Paise Ninety Eight Only	
12	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	0.50	M.T.	87899.00	43949.50	INR Forty Three Thousand Nine Hundred & Forty Nine and Paise Fifty Only	
13	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	206.18	Sqm	209.00	43091.62	INR Forty Three Thousand & Ninety One and Paise Sixty Two Only	
14	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	206.18	Sqm	192.00	39586.56	INR Thirty Nine Thousand Five Hundred & Eighty Six and Paise Fifty Six Only	

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15	Same as Item No. 14 above but with 1:6 cement and coarse sand mortar. CSI No. 11.09	206.18	Sqm	✓	182.00	37524.76	INR Thirty Seven Thousand Five Hundred & Twenty Four and Paise
16	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	75.00	RM	✓	12.00	900.00	INR Nine Hundred Only
17	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	35.00	RM	✓	12.00	420.00	INR Four Hundred & Twenty Only
18	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	46.00	Sqm	✓	21.00	956.00	INR Nine Hundred & Sixty Six Only
19	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	640.00	Sqm	✓	413.00	264320.00	INR Two Lakh Sixty Four Thousand Three Hundred & Twenty Only
20	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	18.27	Sqm	✓	747.00	13647.69	INR Thirteen Thousand Six Hundred & Forty Seven and Paise Sixty Nine Only
21	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	455.00	RM	✓	33.00	15015.00	INR Fifteen Thousand & Fifteen Only
22	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	10.00	Sqm	✓	1027.00	10270.00	INR Ten Thousand Two Hundred & Seventy Only
23	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	12.00	Sqm	✓	77.00	924.00	INR Nine Hundred & Twenty Four Only
24	Same as item No. 23 above but for every coat after 1st coat. CSI No. 13.02	78.30	Sqm	✓	36.00	2818.80	INR Two Thousand Eight Hundred & Eighteen and
25	Same as item no. 23 above but every coat on previously painted old wood or steel work. CSI No. 13.03	78.30	Sqm	✓	49.00	3836.70	INR Three Thousand Eight Hundred & Thirty Six and Paise Seventy Only
26	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	6.00	Sqm	✓	89.00	534.00	INR Five Hundred & Thirty Four Only
27	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	343.00	Sqm	✓	43.00	14749.00	INR Fourteen Thousand Seven Hundred & Forty Nine Only
28	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	5.00	Sqm	✓	69.00	345.00	INR Three Hundred & Forty Five Only
29	Same as item No. 28 above but for every coat after the first coat. CSI No. 13.09	408.80	Sqm	✓	28.00	11446.40	INR Eleven Thousand Four Hundred & Forty Six and Paise Forty Only
30	Same as item No. 28 above but for every coat on previously old distempered surface. CSI No. 13.10	408.80	Sqm	✓	35.00	14308.00	INR Fourteen Thousand Three Hundred & Eight Only
31	Dismantling brick work or stone work in lime or cement mortar and including stacking of materials as directed by the Engineer-in-charge within a distance of 60 metres. CSI No. 15.01	2.00	Cum	✓	575.00	1150.00	INR One Thousand One Hundred & Fifty Only
32	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	1.00	Cum	✓	1277.00	1277.00	INR One Thousand Two Hundred & Seventy Seven Only
33	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	608.01	Sqm	✓	66.00	40128.66	INR Forty Thousand One Hundred & Twenty Eight and Paise Sixty Six Only

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34	Dismantling doors and windows chowkhats including stacking of materials as directed by Engg-In-Charge within a distance of 60 meters. CSI No. 15.10	1.20	Sqm ✓	74.00 ✓	88.80	INR Eighty Eight and Paise Eighty Only
35	Dismantling existing plaster including disposal of refuse as directed by the Engineer-I/C within a distance of 60 M. CSI No. 15.11	208.18	Sqm ✓	47.00 ✓	9690.46	INR Nine Thousand Six Hundred & Ninety and Paise Forty Six Only
36	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	1488.00	Sqm ✓	14.00 ✓	20832.00	INR Twenty Thousand Eight Hundred & Thirty Two Only
37	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)	30.80	Sqm ✓	838.00 ✓	25810.40	INR Twenty Five Thousand Eight Hundred & Ten and Paise Forty Only
38	Cleaning of septic tank including disposal of waste out side the UPPCL area as per direction of the Engineer-in-charge including cost of all labour,T&P etc.required for proper completion of the work. CSI No. 20.12	2.00	Nos ✓	1848.00 ✓	3696.00	INR Three Thousand Six Hundred & Ninety Six Only
39	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	20.00	RM ✓	189.00 ✓	3780.00	INR Three Thousand Seven Hundred & Eighty Only
40	Providing and fixing 15 mm dia ISI Approved CPVC 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. 26.19	9.50	RM ✓	109.00 ✓	1035.50	INR One Thousand & Thirty Five and Paise Fifty Only
41	Same as item No.40 but for 20 mm dia. CSI No. 26.20	5.00	RM ✓	122.00 ✓	610.00	INR Six Hundred & Ten Only
42	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)	2.00	Nos ✓	656.00 ✓	1312.00	INR One Thousand Three Hundred & Twelve Only
43	P/FBRASS BIB COCK, 15 mm dia (200 gsm) ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.13(b)	26.00	Nos ✓	253.00 ✓	6578.00	INR Six Thousand Five Hundred & Seventy Eight Only
44	P/F BRASS STOP COCK, 15 mm dia ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.14 (a)	13.00	Nos ✓	226.00 ✓	2938.00	INR Two Thousand Nine Hundred & Thirty Eight Only
45	Providing and fixing CP BRASS Piller cock HEAVY QUALITY (L&K or 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 (j)	13.00	Nos ✓	685.00 ✓	8905.00	INR Eight Thousand Nine Hundred & Five Only
46	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	65.00	RM ✓	261.00 ✓	16965.00	INR Sixteen Thousand Nine Hundred & Sixty Five Only
47	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	13.00	Nos ✓	2379.00 ✓	30927.00	INR Thirty Thousand Nine Hundred & Twenty Seven Only
48	Same as in item no. 27.01 but of European type. CSI No. 27.02	5.00	Nos ✓	3179.00 ✓	15895.00	INR Fifteen Thousand Eight Hundred & Ninety Five Only
49	Providing and fixing 550X400 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. 27.08	13.00	Nos ✓	3266.00 ✓	42458.00	INR Forty Two Thousand Four Hundred & Fifty Eight Only
50	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	13.00	Nos ✓	1320.00 ✓	17160.00	INR Seventeen Thousand One Hundred & Sixty Only
51	Supply and fixing 100 mm.PVC 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(b)	13.00	Nos ✓	567.00 ✓	7371.00	INR Seven Thousand Three Hundred & Seventy One Only


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52	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)	260.00	Sqm	976.00	253760.00	INR Two Lakh Fifty Three Thousand Seven Hundred & Sixty Only
53	Two coat of ACE on previously old treated surface on exterior walls. (Rate already sanction by Agr. No. 07/2020-21) NSI	230.00	Sqm	54.00	12420.00	INR Twelve Thousand Four Hundred & Twenty Only
Total In Figures					1846949.15	INR Eighteen Lakh Forty Six Thousand Nine Hundred & Forty Nine and Paise Fifteen Only
Quoted Rate In Figures					Select	0.00
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