

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

Name of Work: Construction of 01 No. Fire Protection Wall, Cash Collection Center and other Miscellaneous civil Repair works at 33/11 K.V. S/S Aawas Vikas Distt. Saharanpur.

T S No 80/ECDC/MRT/2022-23

Name of the Bidder/ Bidding Firm / Company

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be updated 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)

SI No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT In Words
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	Sand filling in plinth including supply of necessary quantity of fine sand form outside the UPPCL premises including watering, dressing etc. Rate to include cost of all materials, labour and T&P etc. required for proper completion of work. CSI No. 4.05.	0.50	Cum	2046.00	1023.00	INR One Thousand & Twenty Three 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	0.50	Cum	433.00	216.50	INR Two Hundred & Sixteen and Paise Fifty Only
4	Concrete with 4cm gauge stone ballast, coarse sand (F.M. 1.8 to 2.5) & cement in proportion of 12:6:1 in foundations & under floors including supply of all materials, labour and tools and plants etc. required for proper completion. CSI No. 5.01	1.00	Cum	4517.00	4517.00	INR Four Thousand Five Hundred & Seventeen 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	0.50	Cum	5509.00	2754.50	INR Two Thousand Seven Hundred & Fifty Four and Paise Fifty 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	0.50	Cum	7085.00	3542.50	INR Three Thousand Five Hundred & Forty Two and Paise Fifty Only
7	RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc from Dalla, Jhansi or other quarries in proportion 1:2:4 in lintels of doors and windows, excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire including cost of all other materials labour and T&P . CSI No. 5.10	0.75	Cum	8252.00	6189.00	INR Six Thousand One Hundred & Eighty Nine 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	0.50	Cum	7575.00	3787.50	INR Three Thousand Seven Hundred & Eighty Seven and Paise Fifty Only
9	RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc from Dalla, Jhansi or other quarries in proportion 1:1.5:3 in lintels of doors and windows, excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P . CSI No. 5.23	0.50	Cum	8742.00	4371.00	INR Four Thousand Three Hundred & Seventy One 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 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	0.50	Cum	10060.00	5030.00	INR Five Thousand & Thirty 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 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	1.00	Cum	10883.00	10883.00	INR Ten Thousand Eight Hundred & Eighty Three 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 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	1.00	Cum	8344.00	8344.00	INR Eight Thousand Three Hundred & Forty Four 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 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	11048.00	8838.40	INR Eight Thousand Eight Hundred & Thirty Eight and Paise Forty Only

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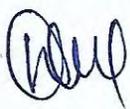
14	1st class brick work in 1:6 C.M. with cement and coarse sand (F.M. 1.8 to 2.5) mortar in foundation and plinth including supply of all material, labour and T&P etc. required for proper completion of work. CSI No. 6.01	0.75	Cum	4864.00	3648.00	INR Three Thousand Six Hundred & Forty Eight Only
15	1st 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	3.00	Cum	5183.00	15549.00	INR Fifteen Thousand Five Hundred & Forty Nine Only
16	Same as item no. 15 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	1.00	Cum	5343.00	5343.00	INR Five Thousand Three Hundred & Forty Three Only
17	25mm thick Damp proof course with cement concrete consisting of 1 part cement, 1 1/2 parts approved coarse sand and 3 parts approved 12 mm graded stone grit and also including liquid water proofing material as approved Engineer-in-charge in proportion as specified by the manufacturer. CSI No. 7.02	5.00	Sqm	339.00	1695.00	INR One Thousand Six Hundred & Ninety Five Only
18	Fixing of Departmental doors & windows Shutters including supply & fixing of hinges and other fixtures (excluding their supply) including all material, labour & T&P etc. required for proper completion of work. CSI No. 8.51	5.00	Sqm	984.00	4920.00	INR Four Thousand Nine Hundred & Twenty Only
19	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	2.00	Sqm	1927.00	3854.00	INR Three Thousand Eight Hundred & Fifty Four Only
20	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 all materials, labour & T&P etc. required for proper completion of work. CSI No. 8.60	4.00	Nos.	1559.00	6236.00	INR Six Thousand Two Hundred & Thirty Six Only
21	Supplying & fixing 24 gauge anodized aluminium sheet of approved quality including cutting, wastage and fixing the same over the wooden door shutter with nails with all material labour and T&P etc. required for proper complete. CSI No. 8.63	3.00	Sqm	411.00	1233.00	INR One Thousand Two Hundred & Thirty Three Only
22	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	0.05	M.T.	98843.00	4942.15	INR Four Thousand Nine Hundred & Forty Two and Paise Fifteen Only
23	M.T. For 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	0.10	M.T.	87899.00	8789.90	INR Eight Thousand Seven Hundred & Eighty Nine and Paise Ninety Only
24	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	20.00	Sqm	728.00	14560.00	INR Fourteen Thousand Five Hundred & Sixty Only
25	S/F welded wire mesh size 75x25mm and rectangular made out of 10 SWG over M.S angle frame with M.S flat welded as required including cost of drilling holes, washer welding etc as required including cost of all material labour and T&P etc. required for proper completion of work except cost of M.S angle and flat CSI No. 9.22	5.00	sqm	471.00	2355.00	INR Two Thousand Three Hundred & Fifty Five Only
26	Spreading over leaky roofs with bitumen paints at 0.45 kg per sq.m. including sweeping cleaning the roof with brushes, heating of the paints up to the required temperature, pouring it on the surface, spreading of necessary quantity of approved coarse sand 1cft. per 100 sqft. And including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 10.05	50.00	sqm	71.00	3550.00	INR Three Thousand Five Hundred & Fifty Only
27	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	15.00	Sqm	192.00	2880.00	INR Two Thousand Eight Hundred & Eighty Only
28	Same as item No 27 above but with 1:6 cement and coarse sand mortar. CSI No. 11.09	55.00	Sqm	182.00	10010.00	INR Ten Thousand & Ten Only
29	Add for extra labour to all items of plaster if done in ceiling. CSI No. 11.10	10.00	Sqm	21.40	214.00	INR Two Hundred & Fourteen Only
30	Add for extra labour and Materials for plaster over rough face of one brick thick wall. CSI No. 11.12	8.00	Sqm	25.00	200.00	INR Two Hundred Only
31	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	2.00	Sqm	282.00	564.00	INR Five Hundred & Sixty Four Only
32	Smixing 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	5.00	Kg.	47.00	235.00	INR Two Hundred & Thirty Five Only
33	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	10.00	RM	12.00	120.00	INR One Hundred & Twenty Only
34	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	8.00	Sqm	21.00	168.00	INR One Hundred & Sixty Eight Only


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104	Providing and fixing 600 mm x 450 mm beveled edge mirror of Atul, Kiran make glass with Indian polish 6.50 mm thick complete with back of 600 mm x 450 mm x 6 mm hard board sheet fixed to wooden cleats with C.P. brass screws and washers including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 27.15	2.00	Nos	968.00	1936.00	INR One Thousand Nine Hundred & Thirty Six Only
105	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	2.00	Nos	616.00	1232.00	INR One Thousand Two Hundred & Thirty Two Only
106	Providing and fixing M.S. holder bat clamps of approved design including supply of all materials, labour and T&P etc. required for proper completion of the work for 100 mm dia pipe. CSI No. 27.20 (a)	1.00	Nos	86.00	86.00	INR Eighty Six Only
107	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
108	Providing and fixing 100 mm dia PVC "P" or "S" trap including CEMENT CONCRETE AND ALL material, labour T&P etc. required for proper completion of work. CSI No. 27.24	2.00	Nos	553.00	1106.00	INR One Thousand One Hundred & Six Only
109	Providing and fixing CI GRATING 100 mm dia including all material, labour cartage T&P etc. required for proper completion of work. CSI No. 27.25	2.00	Nos	61.00	122.00	INR One Hundred & Twenty Two Only
110	Apply two coat Tapecrete mixed with White Cement and water to proper consistency on leaky surface including supply of all materials labour etc required for proper completion of work CSI No.28.16	20.00	sqm	116.00	2320.00	INR Two Thousand Three Hundred & Twenty Only
111	Providing and fixing stainless (Grade 304) railing made of Hollow tubes, channels, plates etc. including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, stainless steel bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners stainless steel bolts etc., of required size, on the top of the floor or the side of walst slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners. CSI No. 28.21	25.00	Kg.	431.00	10775.00	INR Ten Thousand Seven Hundred & Seventy Five Only
112	Providing and applying plaster of Paris putty of 2 mm thickness over plastered surface to prepare the surface even the smooth complete. CSI No. 28.27	15.00	sqm	110.00	1650.00	INR One Thousand Six Hundred & Fifty Only
113	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 up to 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 to required slope and treating similarly the adjoining wall upto 300 mm height including rounding of Junction of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/sqm and approved by Engineer-in-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar if 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 fiber cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minium period of two weeks for curing and for final test", All above opeations 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	24.00	sqm	976.00	23424.00	INR Twenty Three Thousand Four Hundred & Twenty Four Only
114	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	5.00	sqm	80.00	400.00	INR Four Hundred Only
115	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	748.00	sqm	76.50	57222.00	INR Fifty Seven Thousand Two Hundred & Twenty Two Only
116	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)	4.00	Nos	518.00	2072.00	INR Two Thousand & Seventy Two Only
117	Wiring point for fan/fresh air fan (light duty exhaust fan) 1.5 sq. mm FR PVC insulated multistrand single core copper conductor cable PVC conduit pipe concealed in the wall, 14 SWG copper earth continuity wire and approved quality, piano type switch & ceiling rose as per approved sample on 3mm thick phenolic laminated bakelite sheet etc. of matching shade with wall colour complete in all respects as per direction of E/I. UP PWD SOR 2016 133 (C)	3.00	Nos	595.00	1785.00	INR One Thousand Seven Hundred & Eighty Five Only


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118	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)	5.00	Nos	275.00	1375.00	INR One Thousand Three Hundred & Seventy Five Only
119	Supply and fixing of power plug with 15A/240V V flush type switch and 5 pin 15A/250V flush type universal socket in suitable M.S. box of 175mmx 100mmx50mm size with phenolic laminated bakelite sheet cover 3mm thick fixed with brass machine screw and cup washer. UP PWD SOR 2016 1139	4.00	Nos	270.00	1080.00	INR One Thousand & Eighty Only
120	Applying Two coat of Dr. Fixit pidiecrete URPwith cement slurry of one parts of Dr. Fixit pidiecreteURP (covering are of URP 2.00 to 2.2SqM/Kg) and 1.5 parts of cement on Horizontal and vertical damp surface. Before application, clean the surface with wire brush of scrubber to remove hidden dirt, loose particles, lattance and dust, degrese the surface by using suitable solvnet, throughtly saturated the surface with potable water but at the time of application water should not be accumulated at any place as per direction E/I including supply of all materials, labous and T&P etc. required for proper completion of work. (SOR 2020-21)	70.00	sqm	159.00	11130.00	INR Eleven Thousand One Hundred & Thirty Only
121	Supply and fixing 6A to 32A SP MCB C curve- 10 KA UP PWD SOR 2016 1002 C	2.00	Nos	105.00	210.00	INR Two Hundred & Ten Only
122	S/F 63 amp. S.P. Isolator of approved make and as per sample approved by E/I. UPPWD SOR 2016 1004(B)	2.00	Nos	150.00	300.00	INR Three Hundred Only
123	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 (A) CAT B	1.00	Nos	1430.00	1430.00	INR One Thousand Four Hundred & Thirty Only
Total in Figures					496295.45	INR Four Lakh Ninety Six Thousand Two Hundred & Ninety Five and Paise Forty Five Only
Quoted Rate in Figures					0.00	INR Zero Only
Quoted Rate in Words					INR Zero Only	

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