

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

Name of Work: Reconstruction & Repair of Boundary wall at 33/11 K.V S/S Nagla Patu Distt-Meerut.

T.S. No: 19/ECDC/MRT/2022-23

Sl. 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 1.5m 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	47.00	Cum	172.00	8084.00	INR Eight Thousand & Eighty Four Only
2	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 including watering, ramming in 20 cm layers and dressing of earth etc. all complete. CSI No. 4.10	14.00	Cum	414.00	5796.00	INR Five Thousand Seven Hundred & Ninety Six Only
3	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	0.80	Cum	4122.00	3297.60	INR Three Thousand Two Hundred & Ninety Seven and Paise Sixty 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. 5.02	3.62	Cum	4971.00	17995.02	INR Seventeen Thousand Nine Hundred & Ninety Five and Paise Two Only
5	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	1.30	Cum	6520.00	8476.00	INR Eight Thousand Four Hundred & Seventy Six Only
6	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.	6.00	Cum	8058.00	48348.00	INR Forty Eight Thousand Three Hundred & Forty Eight 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 1:1.5:3 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	5.30	Cum	7671.00	40656.30	INR Forty Thousand Six Hundred & Fifty Six and Paise Thirty Only
8	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	4.20	Cum	10189.00	42793.80	INR Forty Two Thousand Seven Hundred & Ninety Three and Paise Eighty Only
9	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	4.20	Cum	4518.00	18975.60	INR Eighteen Thousand Nine Hundred & Seventy Five and Paise Sixty
10	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	17.30	Cum	4820.00	83386.00	INR Eighty Three Thousand Three Hundred & Eighty Six Only
11	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	7.80	Cum	2572.00	20061.60	INR Twenty Thousand & Sixty One and Paise Sixty Only



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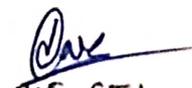


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12	Same as in item 6 18 above but in super structure for 230 mm thick wall CSI No. 6.19	13.90	Cum	3229.00	44883.10	INR Forty Four Thousand Eight
13	Mild Steel or Iron work in heavy sizes such as trusses built up gates, door frames, record, racks roof 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	0.40	M.T.	83078.00	33230.40	INR Thirty Three Thousand Two Hundred & Thirty and Paise Forty Only
14	TMT/Or 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	2.50	M.T.	74620.00	186550.00	INR One Lakh Eighty Six Thousand Five Hundred & Fifty Only
15	P/F Concertina confencing with required dia. 600 mm upto 3 M height of wall between existing angle iron 'Y' shaped placed 2.4 M or 3.0 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 I/C with reinforced barbed tape (R B T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/Sqmm with tape (0.52 mm thick) of supreme make or equivalent and weight 43.478 gm/meter (cost of MS angle, C.C. blocks shall be paid separately) CSI No. 9.37	78.00	RM	336.00	26208.00	INR Twenty Six Thousand Two Hundred & Eight Only
16	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	358.00	Sqm	178.00	63724.00	INR Sixty Three Thousand Seven Hundred & Twenty Four Only
17	Add for extra labour and materials for plaster over rough face of one brick thick wall. CSI No. 11.12	188.00	Sqm	24.00	4512.00	INR Four Thousand Five Hundred & Twelve Only
18	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	623.00	RM	12.00	7476.00	INR Seven Thousand Four Hundred & Seventy Six Only
19	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	20.00	Sqm	974.00	19480.00	INR Nineteen Thousand Four Hundred & Eighty Only
20	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	71.00	852.00	INR Eight Hundred & Fifty Two Only
21	Same as item No. 20 above but for every coat after 1st coat. CSI No. 13.02	12.00	Sqm	35.00	420.00	INR Four Hundred & Twenty Only
22	One priming coat and one coat oil bound distemper on every coat after the first coat including supply of all materials, labour and T&P etc. required for proper completion of the work. CSI No. 13.09	80.00	Sqm	27.00	2160.00	INR Two Thousand One Hundred & Sixty Only
23	As in item 13.09 but for every coat on previously old oil bound distemper surface. CSI No. 13.10	80.00	Sqm	33.00	2640.00	INR Two Thousand Six Hundred & Forty Only
24	Painting one coat with APEX or equivalent brand weather coat paint on previously treated surface including through washing with water including cost of all materials, labour, T&P required for proper completion of work. CSI No. 13.24	438.00	Sqm	90.00	39420.00	INR Thirty Nine Thousand Four Hundred & Twenty Only
25	Same as in CSI No. 13.24 above but for every coat of additional APEX or equivalent brand weather coat paint. CSI No. 13.23	438.00	Sqm	41.00	17958.00	INR Seventeen Thousand Nine Hundred & Fifty Eight
26	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	6.30	Cum	505.00	3181.50	INR Three Thousand One Hundred & Eighty One and Paise Fifty Only
27	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


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28	Boring holes 3.5 M deep below cut off Level in all types of strata including loose sandy strata under water requiring use of modified auger and cutting tools with gravity valves and removable casing pipe, if required, for proper completion of work with cost of all labour, material, T&P required. (b) 300 mm Dia piles. CSI No. 21.01(b)	12.00	Nos	1197.00	14364.00	INR Fourteen Thousand Three Hundred & Sixty Four Only
29	Cutting the bore hole for providing under ream of 2.5 times the dia. of pile upto 3.50 metre below the cut off leveling tools including cleaning the bore hole and including cost of all materials, labour and T&P etc. as may be required for proper completion of work. (b) For 300 mm dia pile. CSI No. 21.02(b)	41.00	Nos	691.00	28331.00	INR Twenty Eight Thousand Three Hundred & Thirty One Only
30	Providing and filling bentonite solution in pile bore under unstable and/or high water table soil conditions for retaining shape of bore 5 Kg of bentonite will be used in 100 Lt. clear water (Bentonite solution shall be used with continuous process of circulation) including all material, labour, T&P etc. The measurement shall be done as per design dia. & depth of pile upto cut off level. CSI No. 21.05	11.30	Cum	847.00	9571.10	INR Nine Thousand Five Hundred & Seventy One and Paise Ten Only
31	R.C.C work with cement, approved coarse sand 2cm gauge approved stone ballast in 1:1.5:3 proportion for concreting in all type of piles including labour & material for proper completion of the work. Measurement of work be done according to design diameter and depth of pile upto cut off level. Under reamed concrete shall be measured as per IS 2911 Part II. CSI No. 21.08	15.20	Cum	8522.00	129534.40	INR One Lakh Twenty Nine Thousand Five Hundred & Thirty Four and Paise Forty Only
32	Cutting & chipping the piles top above the cut off level including bending & straightening the pile reinforcement as directed including cost of all materials, labour & T&P etc as may be required for completion of the work. (b) For 300 mm dia pile. CSI No. 21.11(b)	42.00	Nos	381.00	16002.00	INR Sixteen Thousand & Two Only
Total in Figures					948947.42	INR Nine Lakh Forty Eight Thousand Nine Hundred & Forty Seven and Paise Forty Two
Quoted Rate in Figures				Select	0.00	INR Zero Only
Quoted Rate in Words				INR Zero Only		


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