

BOQ/Price Bid

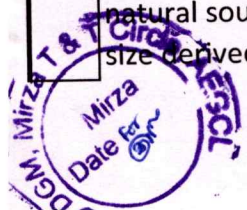
Name of work : Repairing of switchyard fencing (70m length) at 132kV APM GSS ,Jogighopa,AEGCL

NIT No : AEGCL/DGM/MTTC/Tech-12(Civil)/2025/05

Dated:

Sl. No.	Description of Item	Qty	Unit	Rate(Rs)	Amount(Rs)
Demolition work:					
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	1.501	Cum		
2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	5.000	Cum		
Construction work:					
3	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in charge. All kinds of soil	46.620	Cum		
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	2.331	cum		
5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	3582.525	kg		
6	Centering and shuttering including strutting, propping etc. and removal of form work for : Footings,columns,Plinth beam etc.	32.340	Sqm		
7	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	13.872	cum		

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8	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	5.551	Cum		
9	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	84.000	Sqm		
10	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	11.200	Cum		
11	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete ISA 40 x 40 x 4 mm Angle Section @2.4 kg/m including welding in Y-shaped	336.000	kg		
12	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. MS 40x3 mm Flat section @0.899kg/m	188.790	kg		
13	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	36.792	Sqm		
14	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, 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 as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	70.000	m		
15	Providing and fixing oxidised M.S. double acting spring hinges with necessary screws etc. complete. 150 mm	6.00	each		

Total = Rs.
Adding GST @18% = Rs.
Grand Total = Rs.

In Words:



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