

**Estimate For Construction of pedestal for electric Pole at Sport Ground at
Manit Bhopal**

S No	Code	Qty	Unit	Quated Rate	Quated Amount
	EARTH WORK				
1	Item No 2.6.1 DSR 2023				
	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 for all lift, as directed by Engineer in-charge				
	All kinds of soil				
	Foundation of Pedestal	27.735			
	Total Quantity	27.735	cum		
	CEMENT CONCRETE (CAST IN SITU)				
2	Item No 4.1.10 DSR 2023				
	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:5:10 (1 cement : 5 fine sand derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)				
	Foundation of Pedestal	2.7735	Cum		
3	Item No 4.1.2 DSR 2023				
	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)				
		5.8935	Cum		
	STEEL REINFORCEMENT				
4	Item No 5.22.6 DSR 2023				
	5.22 Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.5.22.6 Thermo-Mechanically Treated bars of grade Fe-500D or more				
		333.176	Kg		
	FORM WORK				
5	Item No 5.9.1 DSR 2023				

	5.9 Centering and shuttering including strutting, propping etc. and removal of form for 5.9.1 Foundations, footings, bases of columns, etc. for mass concret				
		22.76	Sqm		
	STEEL WORK				
6	Item No 10.20 DSR 2023				
	10.20 Providing and fixing bolts including nuts and washers complete.				
	Case B: M24 Bolt, (24 mm dia)6 bolts = 15.9 kg (approx).	95.4	kg		
7	Item No 10.22 DSR 2023				
	10.22 Welding by gas or electric plant including transportation of plant at site etc. complete.				
	Welding of bolt	720	Cm		
8	Item No 10.2 DSR 2023				
	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.				
	Base Plate(300 mm × 300 mm × 20 mm thick)	56.4	Kg		
	Other Misc 30000 Rs				
	Electrical Work				
	DSR Item				
1	Laying of one number PVC insulated and PVC Sheated/XLPE Power cable of 1.1 KV Grade of Following Size Direct in ground including excavation and refilling the trench etc as required. But Excluding sand cushioning and protection Covering.				
	Upto 35 sq mm	400	Meter		
	Non DSR Item				
2	Removing,shifting,Hosting/Erection of Electric Pole(Height 10m to 15m). Etc including GST Complete.	5	Jobs		
3	Supply,Installation,Testing and Commissioning of pole mounted junction box/cut-out box/fuse box for road/street lighting for 3 phase/4 core high wattage HPSV/HPMV/MH based lighting system for industrial application along with electrical connection,lungs,nut bolts etc.including GST complete.	15	Nos		

Name and Sign of contractor