

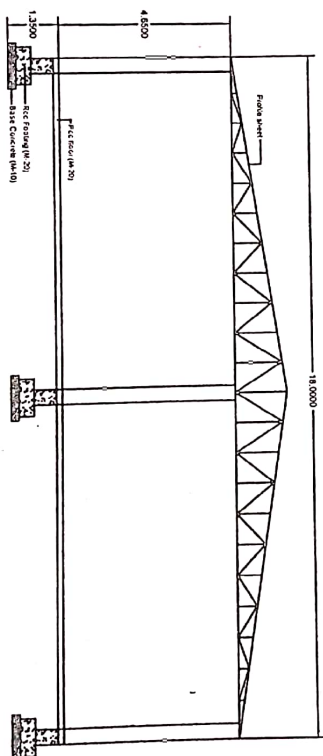
MUNICIPAL CORPORATION JAGDALPUR

DETAIL ESTIMATE OF CONSTRUCTION OF SHED AT KANYA KRAMANK -02 WARD NO-21 JAGDALPUR (C.G.)

Civil Work										
S. No.	I. No.	PARTICULAR	Measurement				QTY	UNIT	RATE	AMOUNT
			NO	L	B	D/H				
1	1.2	Surface dressing of the ground including removing vegetation and making up undulations and in-equalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area).	1	30.00	20.00		600.00	sqm	7.20	4320.00
2	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all types of soil								
		COL								
		C1	30	1.50	1.50	1.50	101.25			
		Pcc work	1	18.00	27.00	0.30	145.80			
						Total	247.05	cum	185.00	45704.25
3	3.1.	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work.								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
		Footing								
		C1	1	1.50	1.50	0.15	0.34			
		Pcc work	1	18.00	27.00	0.15	72.90			
						Total	73.24	cum	2970.00	217515.38
4	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		Footing								
		c1	30	1.40	1.40	0.30	17.64			
			30	1.00	1.00	0.30	9.00			
			30	0.40	0.40	0.75	3.60			
						total	30.24	Cum	4,163.00	125889.12

PARTICULAR		Measurement				QTY	UNIT	RATE	AMOUNT
NO	L	B	D/H						
	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
	col footing								
	cl	4	30.00	1.40	0.30	50.40			
		4	30.00	1.00	0.30	36.00			
		4	30.00	0.40	0.75	36.00			
					Total	122.40	sqm	139.00	17013.60
6	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:							
	3.12.2	Thermo-Mechanically treated bars FE 500D							
		Qty. of R.C.C. M 20	30.24	at	90.00	2721.60	Kg	54.50	148327.20
7	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.							
		shed	1	18.00	27.00	0.10	48.60		
					Total	48.60	cum	371.00	18030.60
17	9.3	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer.							
	9.3.2	Electric resistance or induction butt welded tubes Grade-300							
		truss	10			10.00			
		250kg/unit				2500.00			

PARTICULAR		Measurement				QTY	UNIT	RATE	AMOUNT
		NO	L	B	D/H				
	purilin								
	50 mm dia	26	27.00	6.19kg/rmt		4345.38			
		60		3.5kg/unit		210.00			
	ash plate			Total		7055.38	kg	93.50	659678.03
10.12	Supply and fixing of polymer pre-coated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet								
	roof	2	28.00	9.50		532.00			
		1	19.00	1.00		19.00			
				Total		551.00	sqm	693.00	381843
19	10.16	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete :							
	Ridges plain (500-600mm)	1	27.00			27.00			
				Total		27.00	rmt	552.00	14904.00
	10.16.6 Gutter. (600 mm over all girth).	2	27.00			54.00			
				Total		54.00	rmt	629.00	33966.00



—Kyon