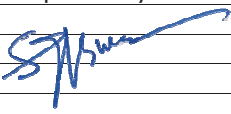


NATURAL RESOURCES DEVELOPMENT CORPORATION LIMITED
ABSTRACT OF ESTIMATION FOR WIND BARRICADE (BSR 2023)

Location:Thangu, Sha Region
Length : 250m


Sl.no.	Item	Qty	Unit	Rate	Amount	Remarks
1	EARTH WORK					
	Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10sq.m on plan, including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift.	23.16	m ³	221.5	5,129.94	EW0106
2	STONE WORK					
	Providing and laying Hand packed stone filling or soling with stones.	4.52	m ³	1728.67	7,813.59	SM0072
3	CONCRETE WORK					
	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:3:6 (1 cement : 3 sand : 6 graded crushed rock 20 mm nominal size).	37.55	m ³	5525.68	207,505.86	CW0005
4	STEEL WORK					
	Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and appl. priming coat of red lead paint In Tubular sections					
	Total no of MS circular with nominal bore 50mm and outside diameter 60.30mm weight per meter = 6.17 kg/m	3202	kg	129.13	413,503.96	SW0022
5	CGI SHEET					
	Providing & fixing Corrugated Galvanised Iron (CGI) sheeting, including bolts, hooks and nuts 8mm dia. with bitumen and G.I. limpet washers filled with white lead for connection, excluding the cost of purlins, rafter, and trusses	457.5	m ²	860.51	393,683.33	RF0001
	24g					
6	Gate					
6.a	EARTH WORK					
	Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10sq.m on plan, including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift	3.38	m ³	221.5	748.67	EW0106
6.b	STONE WORK					
	Providing and laying Hand packed stone filling or soling with stones	0.469	m ³	1728.67	810.31	SM0072
6.c	CONCRETE WORK					

	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size)	2.994	m ³	6530.00	19,550.82	CW0003
	Footing Column					
	6.d STEEL WORK					
	Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and appl. priming coat of red lead paint In Tubular sections					
	50mm square (3.69 kg/m)	52.77	Kg	129.13	6,813.80	SW0022
	25mm square (1.12 kg/m)	38.3	Kg	129.13	4,946.20	SW0023
	6.e Reinforcement					
	Providing & fixing Thermo-Mechanically Treated reinforcement bar (YieldStrength500MPa)for R.C.C work including cutting,bending, binding and placing in position complete	54.61	Kg	92.64	5,058.66	RC0083
				TOTAL:	1,065,565.14	
				ROUND OFF:	1,065,600.00	
	ONE MILLION SIXTY-FIVE THOUSAND SIX HUNDRED					
	Prepared by					
						
	Bishal Subba					
	Civil Engineer					
	NRDCL, HO					

NATURAL RESOURCES DEVELOPMENT CORPORATION LIMITED
DETAILS OF MEASUREMENT

Location:Thangu, Sha region

Sl.no.	Item	no	L	B	H	Total	Unit
1	EARTH WORK						
	Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10sq.m on plan, including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift						
	isolated footing	138	0.50	0.50	0.50	17.25	cu.m
	combined footing	35	0.675	0.50	0.50	5.90625	cu.m
						23.1563	
2	STONE WORK						
	Providing and laying Hand packed stone filling or soling with stones						
	isolated footing	138	0.4	0.4	0.15	3.312	cu.m
	combined footing	35	0.575	0.4	0.15	1.2075	cu.m
						4.5195	
3	CONCRETE WORK						
	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size)						
	isolated footing	138	0.4	0.40	0.85	18.768	cu.m
	combined footing	35	0.575	0.40	0.85	6.8425	cu.m
4	STEEL WORK						
	Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and appl. priming coat of red lead paint In Tubular sections						
	Total no of MS circular with nominal bore 50mm and outside diameter 60.30mm weight per meter = 6.17 kg/m	173	3			519	m
						3202.23	kg
5	CGI SHEET						
	Providing & fixing Corrugated Galvanised Iron (CGI) sheeting, including bolts, hooks and nuts 8mm dia. with bitumen and G.I. limpet washers filled with white lead for connection, excluding the cost of purlins, rafter, and trusses						
	24g	1	250	1.83	-	457.5	each
6	Gate						
6.a	EARTH WORK						

	Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10sq.m on plan, including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift							
		2	1.3	1.3	1.00	3.38	cu.m	
6.b	STONE WORK							
	Providing and laying Hand packed stone filling or soling with stones							
		2	1.25	1.25	0.15	0.46875	cu.m	
6.c	CONCRETE WORK							
	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size)							
	Footing	2	1.25	1.25	0.85	2.65625		
	Column	2	2.7	0.25	0.25	0.3375		
6.d	STEEL WORK							
	Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and appl. priming coat of red lead paint In Tubular sections							
	50mm square (3.69 kg/m)	2	7.15			14.3	m	
						52.767	kg	
	25mm square (1.12 kg/m)	18	1.9			34.2		
						38.304		
6.e	Reinforcement							
	Providing & fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500MPa) for R.C.C work including cutting, bending, binding and placing in position complete							
	Footing	18	1.14			20.52	m	
	Column	8	3.44			27.52	m	
	Stirrups	40	0.75			30	m	
	Weight/m = 0.89 (12mm dia)					42.7556	kg	
	Weight/m = 0.395 (8mm dia)					11.85	kg	
	Prepared by							
								
	Bishal Subba							
	Civil Engineer							
	NRDCL, HO							