

Bill of Quantity

NIT No. : 04/20-21 dated 27.08.2020

Name of the work: "Construction of Exposed RCC retaining boundary wall at Southside of NID Ahmedabad" (Including labor, materials, tools, plants, scaffolding etc. complete)

Item No.	Description of Item	Unit	Quantity	Rate	Amount (Rs.)
1	Removal of debris on as is where is basis including disposal upto any lead lift.	Cum	40		
2	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 upto any lead lift : All kinds of soil	Cum	400		
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering : 1:2:4 (1 cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 20 mm nominal size)	Cum	16		
4	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. excluding cost of centering, shuttering, finishing and reinforcement :	Cum	110		
5	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	Sqm	60		
6	Centering and shuttering including strutting, propping etc. and removal of form for : Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.	Sqm	400		
7	Providing and fixing tie bolt, spring coil and plastic cone in wall shuttering complete as per the direction of Engineer-in-charge. 20 mm dia. & 225 mm length	Each set	30		
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete : Thermo-Mechanically Treated bars	Kg	9700		
9	Extra for smooth finish of exposed RCC Surface	Sqm	400		
10	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	Cum	170		
11	Supplying and fixing of vertical pole of structural steel	Nos.	12		
12	Supply and fixing of chainlink fencing with angle iron post placed at required distance embedded in cement concrete blocks	Sqm	50		
13	Providing and fixing rounded blade wire (Concertina coil) fencing wire	Meter	40		
14	Supply and fixing of G.I Barbed Wire	Meter	500		
Total Amount (Rs.) (Excluding applicable taxes)					