

Bill of Quantities (BOQ) for proposed Shed at Ganjam,Odisa					
AREA-1200 SFT			INR		
Sl. No	Description	QTY	Unit	Unit Rate	Amount
A	EARTHWORK/FILLING				
1	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,Column Foundation				
	TOTAL	210	cum		
2	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed,within a lead of 50 m.All kinds of soil.Plinth Beam				
	TOTAL	210	cum		
3	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.Column Foundation, Plinth Beam				
	TOTAL	180	cum		
4	Supplying & Filling in plinth with Jamuna Sand under floors including watering,ramming consolidating and dressing complete.Below Flooring				
	Hall area				
	TOTAL	116	cum		
6	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement				
6.1	All work up to plinth level :				
6.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size de rived from natural sources)Foundation & Plinth Beam				
	Column Foundation				
	TOTAL	42	cum		
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete in foundation and superstructure.RCC				
	Foundation & Plinth Beam				
	TOTAL	1,200.00	Kg		
9	Centering and shuttering including strutting,propping etc. and removal of form.Foundations, footings, bases of columns, etc. for mass concrete For PCC Column Foundation Plinth Beam				
	TOTAL	55	Sqm		

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C	MASONRY WORK				
10	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor VI level in all shapes and sizes in ::Cement mortar 1:6 (1 cement : 6 coarse sand)				
	TOTAL	12	cum		
D	Flooring				
11	52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacturer's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc.complete.				
	Hall area				
	TOTAL	111	Sqm		
E	MILD STEEL DOUBLE DOOR WITH COMPLETE PAINT AND INSTALLATION .				
	TOTAL	280	Kg		
F	FINISHING				
14	12mm cement plaster of mix ; 1:6(1cement :6 fine sand of zone-IV) including galvanized chicken wire mesh (24 gauge 12 mm size) to junctions of concrete and masonry work and other locations including cutting to required sizes, side laps of minimum 75 mm and fixing in position with galvanized iron wire nails, complete.				
	Boundry Wall				
	TOTAL	130	Sqm		
15	Finishing walls with acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with				
	Boundry Wall				
	TOTAL	130	Sqm		
G	MISCELLANEOUS				
17	Supplying & Erection of sheets of 0.50 mm TCT HI- RIB colour coated Galvalume 550 mpa steel for roof including all types of required accessories like screw, sub girt, flashing etc including loading,unloading & transportation.				
	Roof	111	sqm		
	Canopy	31.5	sqm		
	TOTAL	142.5	Sqm		
18	Supplying & Erection of sheets of 0.50 mm TCT HI- RIB colour coated Galvalume 550 mpa steel for wall including all types of required accessories like screw, sub girt, flashing etc including loading,unloading & transportation.Wall Side Elevation				
	TOTAL	74	Sqm		

SI. No	Description	QTY	Unit	Unit Rate	Amount
19	Supplying & Erection of 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 paint.				
	Total Area of Mild Steel Coloumn,framing and roof in Sft	3,000.00	Sft		
	Coefficient @5.5 Kg/Sft	5.5	Kg		
	TOTAL	545.45	Kg		
20	ELECTRICAL WORK:- Providing and insatallation with complete work like conduiting,wiring,switch ,plate,gang box etc.as per required for supply of lights, Fan,Machine all	111.00	Sqm		
	Any other cost, if any				
	TOTAL (without tax/duty)				-
	TAX (_%)				-
	TOTAL (with tax/duty)				-
	Price per SFT				-