

## SCHEDULE - B

Name of Work:- Construction of XBIS Room at Gate No. 14th to 16th Berth at Kandla

Item No.	Description	Qty	Rate		Unit		Amount
			In Fig.	In Words	In Fig.	In Words	
1	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 50m.	16.20			CUM		
2	Providing & filling river sand in plinth or foundation trenches etc. in layers not exceeding 20cm levelling, watering & consolidation of each layer by ramming etc., all labour & materials complete.	1.35			CUM		
3	Providing and laying cement concrete mix of proportion 1:4:8 consisting of cement, sand and 25 to 40 mm size graded hand/machine broken crushed trap stone metal etc., as coarse aggregate including mixing, leveling, ramming and curing etc. complete.	1.35			CUM		
4	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of entering,shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge."(Note :- Cement content considered in this item is @ 330 kg/cum."Excess/ less cement used as per design mix is payable/recoverable separately).						
A	All works upto plinth level	6.36			CUM		
B	All works above plinth level upto Slab lvl	4.09			CUM		
5	Providing and laying reinforcement for reinforced cement concrete works including cutting, bending, tying with binding wires, preparing cages and placing in position, etc.complete as directed						
A	Thermo-Mechanically Treated bars of grade Fe- 500D or more.	1253.72			KG		
6	Providing & laying cement concrete solid blocks 1:8:6 (machine made) confirming to relevant IS (Latest Edition) masonry 200mm thick set in cement mortar 1:6 including curing etc. complete as directed.	8.63			CUM		
7	Centering and shuttering including strutting, propping etc. and removal of form for all heights :						
A	Foundations, footings, bases of columns, etc. for mass concrete	13.41			SQM		
B	Shelves (Cast in situ)	6.96			SQM		
C	Lintels, beams, plinth beams, girders, bressumers and cantilevers	34.88			SQM		
D	Columns, Pillars, Piers, Abutments, Posts and Struts	27.00			SQM		
8	12 mm cement plaster of mix :1:4 (1 cement: 4 coarse sand)	139.69			SQM		
9	152 mm thick cement concrete flooring with concrete hardener topping,under layer 140 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	22.50			SQM		
10	Steel work welded in built up sections/ framed work, including cutting,hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.						
A	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	991.63			KG		

11	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :					
A	Powder coated aluminium (minimum thickness of powder coating 50 micron)	133.2			KG	
12	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):					
A	With float glass panes of 5.50 mm thickness	13.32			SQM	
13	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :	56.34			SQM	
	Two or more coats on new work					
14	Finishing walls with Acrylic Smooth exterior paint of required shade					
A	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	188.50			SQM	
					Total :-	Rs.

Quotationer

**Executive Engineer (C-1)**  
**Deendayal Port Authority**