

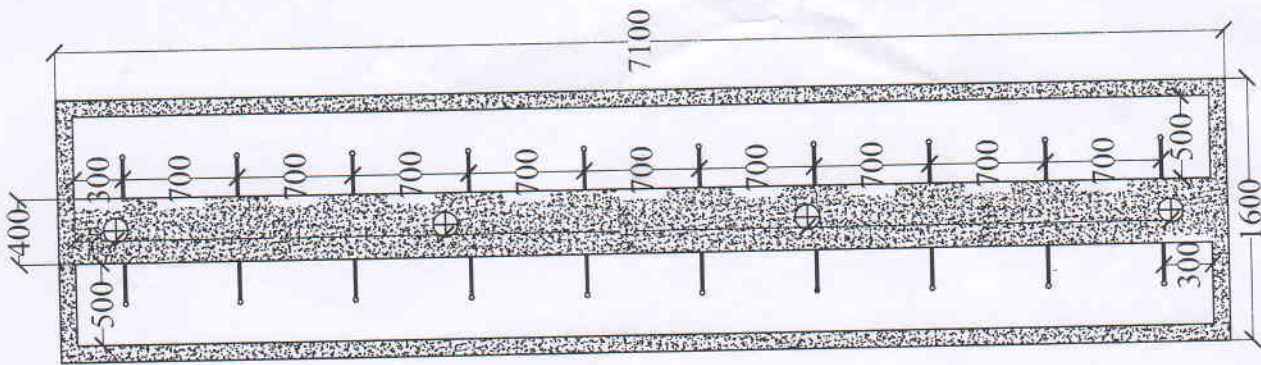
BoQ OF WASH BASIN NEAR DINING HALL

Sl. No.	Item Description	Quantity	Units	Rate	Amount	Remarks
	Earth work					
	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 Sq.m on plan, including disposal of excavated earth within 50m lead and 1.5m lift & disposed soil to be neatly dressed. Ordinary Soil	3.92	cum			
	Stone Work					
	Stone soling filling & edging. Providing and laying Hammer dressed dry stone soling	0.69	cum			
	Providing & laying Random Rubble Masonry with hard stone in foundation & plinth. In cement mortar 1:5	1.78	cum			
	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)	0.46	cum			
	Formwork					
	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork. Foundation and plinth etc	1.55	sqm			
	Bricks Works					
	Providing & laying Second-Class Brick work in Foundation & Plinth. In cement mortar 1:4	5.40	cum			
	Reinforcement Concrete					
	Providing & laying in position reinforced cement concrete work in vertical and horizontal fins individually or forming box louvers, fascias and eaves boards - upto floor five level excluding the cost of centering, shuttering and reinforcement. 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size. Slab	1.58	cum			
	Steel Reinforcement					
	RC0083 Providing & fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete	134.29	kg			
	Steel Work					
	Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and appl. priming coat of red. In Tubular sections(middle class)	368.06	kg			

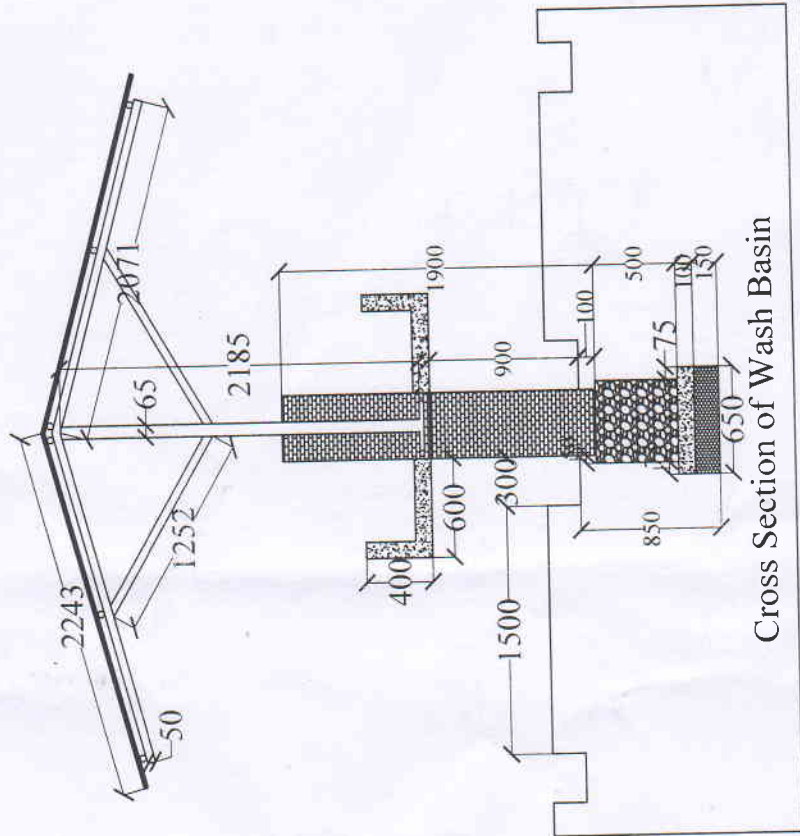


	Steel work in single section including cutting, hoisting, fixing and applying priming coat of red lead paint. In Flats(10mm thick)	30.02	kg				
	Roofing						
	Providing & fixing Pre Painted Steel Corrugated Roofing sheets, including bolts, hooks and nuts 8mm dia. with bitumen and G.I limpet washers filled with white lead for connection, excluding the cost of purlins, rafter and trusses. 25g (0.50mm)	18.17	sqm				
	Providing & fixing 600mm ridges or hips in Pre Painted Steel sheets, including bolts, hooks and nuts 8mm dia G.I limpet and bitumen washers for connection. 25g. (0.50mm)	8.10	m				
	Providing & fixing Eaves board (225x25mm) with moulding fitted and fixed with necessary screws. Mixed Conifer	16.20	m				
	Plumbing						
	Providing & fixing G.I. pipes including G.I. fittings & clamps & repair walls. 15mm	100.00	m				
	Providing & fixing c.p. brass bibcock. 15mm, long nose, c.p. knob	20.00	each				
	External Work						
	Providing and laying 50mm thick Plinth Protection and grouted with fine sand mix including well rammed, finishing the top smooth. With cement concrete 1:3:6, 20mm aggregates, laid over 75mm thick layer of compacted gravel (40mm)	29.16	sqm				
	Constructing second class brick masonry open surface drain in cement mortar 1:4 including earth work in excavation 100 mm thick concrete bed 1:5:10, 40mm aggregate and 25mm thick cement concrete 1:2:4, 12 mm aggregate for filling haunches including 12mm cement plastering 1:4 with a floating coat of neat cement and disposal of surplus earth etc. complete. 100mm x 200mm depth	24.20	m				
	Finishing						
	Providing & laying 15mm cement plaster on rough side of single or half-brick wall. C.M 1:3	26.98	sqm				
	Providing & applying one coat of primers. Cement primer	26.98	sqm				
	Providing and applying finishing coats. Acrylic washable distemper, two coats on new work, including cement primer coat	26.98	sqm				
		Total					





Plan of Wash Basin



Cross Section of Wash Basin



ROYAL GOVERNMENT OF BHUTAN
Gyalpozhing College of Information Technology



PROPOSED WASH BASIN NEAR DINING HALL AT GCIT

SCALE: 1:150

DATE: Dec 2018

DRAWING NO.: 7

ENGINEER:

CHECKED BY:

APPROVED BY:

Mindu Gyeltshen

N B Tamang

HEAD (STRUCTURAL)

EXE. SECRETARY

AS MENTIONED IN THE DRAWING