

BOQ BOUNDARY WALL at Meriema,Kohima

Sl. No.	Description of work	Unit	Rate	Quantity	Amount
1.00	EARTH WORK :				
1.01	Earth work in rough excavation,banking excavated earth in layers not exceeding 20cm in depth,breaking clods watering,rolling each layer with tonne roller or wooden or steel rammers and rolling every 3rd and top -most layer with power roller of minimum 8 tonnes and dressing up in embankments,flood banks,marginal banks,guide banks or filling up ground depressions,lead upto 50m and lift upto 1.5m				
	All kind of soil				
		cum		736.00	
2.00	PCC WORK				
2.01	Plain cement concrete works with coarse aggregate, of sizes 13mm to 32mm in foundation bed for footing, steps, walls, brick works etc. as directed and specified including dewatering if necessary, and curing complete(Shuttering where necessary shall be measured and paid separately)				
	(a) In prop. 1 cement :3 sand : 6 coarse aggregate by volume.				
		cum		18.00	
3.00	RCC WORK				
	Providing and laying plain/reinforced cement concrete works with coarse sand & 20mm down aded stone aggregate including dewatering if necessary, and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work (form work and reinforcement will be measured and paid separately.)				
	I) Using mixture machine				
3.01	(A) In sub-structure upto plinth level.				
	Foundation, footings, columns with base,				
	tie and plinth beam, pile cap, base, slab, retaining walls, walls of septic tank, inspection pit and the like and other works not less than 100mm thick up to plinth level.				
	N) Without using admixture, plasticiser				
	b) M20 grade concrete or Prop. 1:2:4	cum		52.00	
3.02	(B) In superstructure from plinth level to 1st floor level.				
	ii) Columns, pillars, posts, struts, suspended floor, roof, landing, shelf and support, balcony, lintel, sill band, beam, girder,bressumer, cantilever, staircase (except spiral stair case and landing) including preparing the top surface and finishing of nosing.				
	N) Without using admixture, plasticiser				
	b) M20 grade concrete or Prop. 1:2:4	Cum		50.00	
5.00	SHUTTERING AND FORM WORK				
	Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc., height of propping and centering below supporting floor to ceiling not exceeding 4.0m and removal of the same for in-situ reinforced concrete and plain concrete work in.				
5.01	Columns, Pillars, Posts & Strut				

	Sides and Soffits of Beams, beam haunchings, cantilever girders, bressumers, lintels and horizontal ties.				
	(a) For depth not exceeding 1.0M.				
	(ii) Using 25mm thick plank				
		sqm		922.00	
5.02	Sides of tie beams, grade beams etc. at or below ground level.				
	(b) Using 25mm thick plank	Sqm		920.00	
6.00	BRICK WORK				
6.01	Providing brick soling in foundation and under floor with stone/best quality picked jhama bricks, sand packed and laid to level and in panel after preparing the sub-grade as directed including all labour and materials, and if necessary dewatering, complete.				
	(a) Brick on flat soling				
		sqm		85.00	
6.02	Brick work in cement mortar with 1st class brick including racking out joints and curing complete as directed.				
	(I) In Sub-structure upto plinth level including dewatering if necessary				
	(a) In prop. 1:4				
	First class brick with non modular of class designation 75	cum		67.00	
6.03	1st class brick nogged wall in cement mortar including racking out joints and curing complete as directed in super structure above plinth up to 1st floor level (protruding M.S rod/Tor steel of column to be embeded in cement mortar and will be measured and paid separately)				
	(A) 112mm thick brick wall				
	(a) In cement mortar in proportion 1:4. (1 cement:4 sand) [First class brick with non modular of class designation 7.5]				
		sqm		1125.00	
7.00	IRON AND STEEL WORK				
7.01	Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with				
	20G annealed black wire and placing in position with proper blocks, supports, chairs, spacers etc. complete. (No extra measurement for lap, hook, chair, anchor etc. will be entertained in the measurement as they are included in the rate) (Upto 1st floor level)				
	b) Other ISI approved TMT reinforcement bar (SAIL/JINDAL STEEL/SHYAM/SAI(For Assam Type Bldg., drain works, retaining wall & boundary wall etc.)(GARDE OF STEEL-Fe500)				
		qtl		116.00	
8.00	PLASTERING				

8.01	12 mm thick Cement plaster in single coat on fair side of brick/concrete walls for interior plastering up to 1st floor level including arises or rounded angles not exceeding 80mm girth and finished even and smooth including curing complete as directed.				
	b) In cement mortar 1:4	sqm		1125.00	
8.02	15 mm thick Cement plaster in single coat on single or half brick wall for interior plastering up to 1st floor level including arises, internal rounded angles, not exceeding 80mm girth and finished even and smooth including curing complete as directed.				
	A) On rough side				
	b) In cement mortar 1:4	sqm		1125.00	
9.00 PAINTING					
9.01	a) Applying one coat of cement primer of approved brand and manufacture on new wall surface after thoroughly brooming the surfaces free from mortar droppings and other foreign matter and including preparing the surface even and sand papered smooth.	Sqm		2250.00	
9.02	b) Finishing wall with two or more coats of water proofing cement paint of approved brand and manufacture and of required shade on new wall surface (two coats) to give an even shade after thoroughly brooming the surfaces to remove all dirt and remains of loose powdered materials.	Sqm		2250.00	
9.03	Applying primary coat over new steel and other metal surface over 100m in width or girth after preparing the surface by thoroughly cleaning oil,grease, dirt and other foreign matter and scoured with wire brushes, fine steels, wood scrapers and sand paper.				
	a). With ready mixed "red-lead/ red oxide" primer.	Sqm		20.00	
9.04	Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint of approved brand and manufacture(Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.				
	(i).Surfaces over 100mm in width or girth.				
	a). General purpose (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac).	Sqm		20.00	
10.00	Supply,Fitting and Fixing of Barbed wire fencing @ 3layers fitted with MS angle (35 x 35 x 5) of required design as per EIC at the top of the boundary wall including painting complete in all respect	rm		450	

11.00	Supplying, fitting and fixing double leaf heavy duty iron gate, frame made from 50mm x 6mm M.S. flat iron with another horizontal flat at the middle, 20mm dia M.S bars at 200mm apart from bottom flat to top flat and 20 mm dia M.S. bars at 200mm apart from bottom flat to middle flat including drilling, welding etc. complete. All vertical bars are to be protruded at least 100mm above the middle and top flat is to be flattended and pointed as directed. Necessary locking arrangement on both faces, arrangement for temporary closing the gate and 2 nos.(minium) strong iron hinges of M.S bars and flat of same sizes on each leaf to be embeded in C.C brick pillars as necessary including a red oxide painting to all iron works as directed and specified. (Separate payment will be made for posts).	sqm		9	
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Total

Rates are exclusive of GST

