

BOQ FOR CONSTRUCTION/RENOVATION WORK AT RSETI CHIRANG

SECTION A : CONSTRUCTION OF NEW HOSTEL OF SIZE : 15m x 6 m WITH SANITARY FITTINGS

Sl. No.	Description of work	Unit	Quantity	Rate	Amount
1.00	EARTH WORK :				
1.01	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.	cum	151.00		
	All kinds of soil				
1.02	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.	cum	100.80		
2.00	PCC WORK				
2.10	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)	cum	17.00		
3.00	RCC WORK				
	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.				
	All works upto plinth level				
3.10	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	21.18		
	All works above plinth level to all level.				
3.20	Concrete of M25 grade with minimum cement content of 330 kg /cum	Cum	18.00		
4.00	DPC WORK				
	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III): 4 graded stone aggregate 12.5mm nominal size)	sqm	20.00		
5.00	SHUTTERING AND FORM WORK				
	Centering and shuttering including strutting, propping etc. and removal of form for				
5.10	Foundations, footings, bases of columns, etc. for mass concrete	sqm	45.00		
5.20	Columns, Pillars, Piers, Abutments, Posts and Struts (including circular columns)	sqm	60.00		
5.30	Lintels, beams, plinth beams, girders, bressumers and cantilevers	sqm	142.72		
5.4	Suspended floors, roofs, landings, balconies and access platform	sqm	30.00		
6.00	BRICK WORK				
6.10	Dry brick on edge flooring in required pattern with bricks of class designation 7.5 on a bed of 12 mm mud mortar, including filling joints with Jamuna sand, with common burnt clay non modular bricks.	sqm	179.14		
6.20	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:	cum	28.88		
	Cement mortar 1:4 (1 cement : 4 coarse sand)				
6.30	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to all levels.	sqm	163.10		
	Cement mortar 1:4 (1 cement :4 coarse sand)				
7.00	IRON AND STEEL WORK				
7.10	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto all levels.	kg	2932.24		
	Thermo-Mechanically Treated bars of grade Fe-500D or more.				

8.00	FLOORING :				
8.10	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.				
	Size of Tile 600x600 mm	Sqm	80.00		
9	ANTISKID TILES				
9.1	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.	Sq.m	30.00		
	Glazed Vitrified tiles Matt/Antiskid finish of size				
	Size of Tile 600 x 600 mm				
10	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineerin- Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sq.m	62.24		
11.00	PLASTERING				
11.1	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	sqm	380.00		
11.2	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand)	sqm	444.44		
11.3	Neat cement punning	sqm	199.44		
12.00	WALL PUTTY:				
	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	750.00		
13.00	PAINTING				
13.1	New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	Sqm	400.00		
13.2	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two coats	Sqm	400.00		
13.3	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	Sqm	400.00		
13.4	Applying priming coat:With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	sqm	71.46		
13.5	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	sqm	71.46		
13.6	Applying priming coat:With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works	sqm	28.56		

13.7	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture.Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality :	sqm	28.56		
14.00	FALSE CEILING				
	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash				
	fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at				
	450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and				
	finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :				
	12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part I) :2011 (Board with BIS certification marks)	Sqm	72.00		
15.00	ROOFING:				
15.1	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.				
	0.63 mm thick with zinc coating not less than 275 gm/ m ²	Sqm	120.00		
15.2	Providing ridges or hips of width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete.				
	0.63 mm thick with zinc coating not less than 275 gm/m ²	RM	15.00		
16.00	ROOF TRUSS				
	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 of approved steel primer all complete.	kg	760.00		
17.00	WOOD WORK:				
	DOOR FRAME: Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).Second class teak wood	Cum	0.44		
18.00	BARGE BOARD				

	Providing and fixing fibre cement reinforced by organic fibres and/or inorganic synthetic fibres roofing accessories in all colours with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers or with self drilling fastener and EPDM washer etc. complete:	RM	19.10		
	Barge boards				
19.00	DOOR WORKS				
	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sq.m.	12.00		
20.00	WINDOWS:				
20.1	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) :	kg	86.00		
	For fixed portion				
	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)				
20.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	kg	120.00		
20.3	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): With float glass panes of 4.0 mm thickness (weight not less than 10kg/sqm)	sqm	14.00		
20.4	Extra for providing frosted glass panes 4 mm thick instead of ordinary float glass panes 4 mm thick in doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured).	sqm	2.88		
21.00	GRILL WORKS				
	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding	Kg	500.00		
22.00	ANTITERMITE TREATMENT :				
	Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1 :2 (1 cement : 2 Coarse sand) to match the existing floor: 2.35.3.1 With Chlorpyriphos/Lindane E.C. 20% with 1% concentration	sqm	100.00		
23.00	PLINTH PROTECTION				

	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	Sqm	25.00		
24.00	HARDWARE FITTINGS :				
24.1	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : 300x16 mm	Each	16.00		
24.2	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete : 250x10 mm	Each	8.00		
24.3	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete : 125 mm	Each	16.00		
24.5	Providing and fixing bright finished brass door latch with necessary screws etc. complete : 300x16x5 mm	Each	4.00		
24.6	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	Each	12.00		
24.7	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	Each	1.00		
25.00	SANITARY FITTINGS				
	WASH BASIN				
25.1	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:	Each	2.00		
	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps				
26.00	EUROPEAN TYPE WATER CLOSET:				
	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :	Each	2.00		
	W.C. pan with ISI marked white solid plastic seat and lid				
27.00	TOWEL RING				
	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	each	4.00		
28.00	TOWEL RAIL				
	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.	each	4.00		
	450 mm long towel rail with total length of 495 mm, 78 mm wide and effective height of 88 mm, weighing not less than 170 gms				
29.00	BOTTLE TRAP				
	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	each	6.00		

30.00	SOAP DISH				
	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	each	6.00		
31.00	MIRROR				
	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : Circular shape 450 mm dia	each	4.00		
32.00	PILLAR COCK				
	Providing and fixing PTMT pillar cock of approved quality and colour.15 mm nominal bore, 107 mm long, weighing not less than 110 gms	Each	6.00		
33.00	GLASS SHELF				
	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	each	2.00		
34.00	BIB COCK				
	Providing and fixing brass bib cock of approved quality : 15 mm nominal bore	each	8.00		
35.00	GRATING				
	Providing and fixing PTMT grating of approved quality and colour. Circular type :100 mm nominal dia	Each	8.00		
36.00	STOP COCK				
	Providing and fixing PTMT angle stop cock 15 mm nominal bore, weighing not less than 85 gms	each	4.00		
37.00	SHOWER:				
	Providing and fixing PTMT swivelling shower, 15 mm nominal bore, weighing not less than 40 gms	Each	2.00		
38.00	PIPIING:				
	Providing and fixing Polyethelene-Aluminium-Polyethelene PE-ALPE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes testing of joints complete as per direction of the Engineer-in-charge.				
	INTERNAL WORK - EXPOSED ON WALL				
38.1	2532(32mmOD) pipe	RM	80.00		
38.2	3240(40mmOD) pipe	RM	25.00		
38.3	4050(50mmOD) pipe	RM	25.00		
39.00	Providing and fixing Polyethelene-Aluminium-Polyethelene PE-AL-PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes testing of joints complete as per direction of the Engineer-incharge.				
	Concealed work, including cutting chases and making good the wall etc.				
39.1	1216(16mmOD) pipe	RM	60.00		
39.2	1620(20mmOD) pipe	RM	13.00		
39.3	2532 (32 mm OD) pipe	RM	8.00		

40.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work				
40.1	150 mm dia.	RM	35.00		
40.2	80 mm dia.	RM	45.00		
40.3	50mm dia	RM	44.00		
41.00	C.I. MANHOLE COVER :				
	Supplying and fixing C.I. cover without frame for manholes :				
41.1	455x610 mm rectangular C.I. cover (light duty) the weight of the cover to be not less than 23	each	1.00		
41.2	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	1.00		
42.00	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 fine sand : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design:				
42.1	Inside dimensions 455x610 mm and 45 cm deep for single pipe line : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	1.00		
42.2	Inside dimensions 500x700 mm and 45 cm deep for pipe line with one or two inlets : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	1.00		
SUB-TOTAL OF SECTION A					
SECTION B: BOUNDARY WALL OF LENGTH 284 METRE AT RSETI CHIRANG					
1.00	EARTH WORK :				
1.01	Earth work in excavation for foundation trenches of walls, retaining walls, retaining walls, footings of columns, steps, septic tank etc., including refilling (return filling) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming etc. and removal of surplus earth with all lead and lifts as directed and specified in following classifications of soils including bailing out water where necessary as directed and specified.(A) Up to a depth of 2.00m below the existing ground level.				
	(a) Hard soil or soil mixed with moorum,gravel,boulder etc.	cum	142.00		
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	14.20		
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.)				
	l) 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. 1:1.5:3	cum	14.20		
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. 1:1.5:3	Cum	19.88		

4.00	DPC WORK				
4.01	Providing and laying 25mm thick damp proof course with cement concrete in prop 1:1.5:3 with graded stone agg. of 10mm down nominal size including providing approved damp proof admixture in proportion as recommended by the manufacturer including curing etc. complete as directed.	sqm	11.36		
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	284.00		
5.02	Sides of tie beams, grade beams etc. at or below ground level.				
	(b) Using 25mm thick plank	Sqm	142.00		
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	142.00		
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 modolar of class designation 7.5	cum	55.38		
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 embedded 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 modolar of class designation 7.5]				
		sqm	142.00		
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	284.00		
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	284.00		
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	1022.40		
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	1019.56		
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	21.30		
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/ Neroloc) 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/ Neroloc).	Sqm	21.30		
SUB-TOTAL COST FOR (SECTION B)					
SECTION C : REPAIRING WORKS AT RSETI CHIRANG					

1	RIVER SAND FILLING : Raising low site around the building with river sand or silt (predominantly non plastic) obtained from outside by truck carriage including loadind , unloading , dressing etc. complete including paying necessary land compensation, municipal gate fees, if any monopoly duty etc. (profile measurement to be taken and 12.5% deduction for shrinkage to be made from total quantity) etc. complete as directed and specified,(Total Area = 6483 sqm) Upto Height =300 mm	Cu.m.	2,500		
2	Painting work at roof: Painting with premium enamel paint of approved brand and manufacture, including applying additional three coats of primer to achieve even shade and colour.Colour to be decided by bank.	sqm	1,200		
SUB-TOTAL COST FOR REPARING WORK(SECTION C)					
TOTAL COST (SECTION A+ SECTION B+ SECTION C)					0.00

