

Type of Building:	Girls Hostel					
Location:	Hongtsho, Thimphu					
Date:	29/10/2022					
S.N.	Description	Qty.	Unit	Rate	Amount	
1. EXCAVATION WORK						
1.1	MR	Excavation in foundation trenches or drains, width <1.5m, area <10Sq.M. in plan, depth >300mm including Dressing and ramming, disposal of surplus soil within 50m lead & 1.5m lift. - Hard rock requiring chiselling	72.00	Cu.M	425	30,600.00
Subtotal for Earth work						30,600.00
2. STONE WORK						
2.1	SW1	Providing and laying Hand packed stone filling or soling with stones	8.60	Cu.M	2,000.00	17,196.00
2.2	SW2	Random Rubble Masonry with hard stone in CM 1:4 in foundation and plinth	30.00	Cu.M	5,500.00	165,000.00
Subtotal for Stonework						182,196.00
3. PCC WORK (excluding centering and shuttering)						
3.1	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. - 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20mm nominal size)	7.41	Cu.M	7,500.00	55,560.00
Subtotal for Concrete work						55,560.00
4. RCC work (excluding form work and reinforcement)						
4.1	MR	Providing & laying in position reinforced cement concrete work in beams, lintels, bands, plain window sills, staircases, slab, cornices excluding the cost of centering, shuttering and reinforcement- 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20mm nominal size)	7.40	Cu.M	8,200.00	60,639.00
Subtotal for RCC work						60,639.00
5. FORM WORK						
5.1	MR	Providing & fixing, centering & shuttering incl. Strutting, propping etc. and removal of formwork -Lintels, beams, girders, bressumers, cantilevers etc.	65.00	Sq.M	650.00	42,250.00
Subtotal for Formwork						42,250.00
6. STEEL WORK						
6.1	MR	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	3000.00	Kg	85.00	255,000.00

6.3	MR	Providing & fixing MS hold down bolt with nut and washer plate	580.00	Kg	190.00	110,200.00
		Providing, making and fixing, M.S Plate, straps, flats, sole plates, angles etc., complete in roof truss work	113.00	Kg	165.00	18,645.00
Subtotal for Steel reinforcement						383,845.00

7. BRICK WORK

7.1	MR	Providing and laying second- class brick work In cement mortar 1:4 - 250mm in super structure	38.81	Cu.M	12,500.00	485,106.25
Subtotal for Brickwork						485,106.25

8. WOOD WORK

8.1	MR	Providing & fixing in position dressed wood work in frames of doors, windows, clerestory windows and other frames, wrought and framed Complete with polish and all fixtures- Class 'B' (conifer)	2455.18	Cft	1,120.00	2,749,796.70
		Providing, preparing and applying Sumdang painting (Not washable) in Doors, Window & all cornices				
8.2	PT0090	Rab	171.00	Sq.M	950	162,450.00
8.3	PT0013	Providing & applying one coat of primers	324.00	Sq.M	38.92	12,610.08
8.4		Providing and applying wood stains, varnishes & polishes				
	PT0060	Wood stain (various colours), one coat	324.00	Sq.M	88.77	28,761.48
Subtotal for Wood Works						2,953,618.26

9. ROOFING

9.1	MR	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 (0.5mm)	684.00	Sq.M	1,750.00	1,197,000.00
9.2		Providing & fixing pre-painted steel 600mm ridges or hips coated with Al-Zn alloys (55% Aluminium) with min. GSM-150 & 550MPA, super durable polyester paint including self drilling fastners (Class III) with EPDM washers, excluding the cost of purlins, rafter and trusses. - 0.5mm (Lysaght or equivalent brand)	60.00	M	950.00	57,000.00
9.3	MR	Providing & fixing 450mm over all semi-circular plain G.I gutter, including brackets, bolts, nuts, washers & rain water pipes connections, excluding the cost of pipes	125.00	M	1,200.00	150,000.00
9.4	MR	Providing & fixing Eaves board (225x25mm) with moulding fitted and fixed with necessary screws-Class 'B' (conifer)- Complete with Paint	125.00	M	220.00	27,500.00
Subtotal for in Roofing						1,431,500.00

10. FLOORING & WALL TILES						
10.1	MR	Providing and laying vitrified tiles 10mm thick (600x600) in floorings laid on a bed of 20mm thick cement mortar of 1:3 finished with flush pointing in white cement. - johnson brand or equivalent. Colour and design as per clients choice. Sample to be approved prior to supply and installation.	22.44	Sq.M	2,150.00	48,246.00
10.2		Providing and laying vitrified tiles in skirting(300x150) on a bed of 12mm thick cement mortar of 1:3 finished with flush pointing in white cement. johnson brand or equivalent. Colour and design as per clients choice. Sample to be approved prior to supply and installation.	29.20	M	1,800.00	52,560.00
10.3	MR	Providing and laying anti skid tiles 10mm thick (300x300) in floors on a bed of 20mm thick cement mortar of 1:3 finished with flush pointing in white cement. johnson brand or equivalent. Colour and design as per clients choice. Sample to be approved prior to supply and installation.	58.10	Sq.M	2,100.00	122,010.00
10.4	MR	Providing and laying ceramic tiles (600X300mm) in walls on a bed of 12mm thick cement mortar of 1:3 finished with flush pointing in white cement.(W/C only) johnson brand or equivalent. Colour and design as per clients choice. Sample to be approved prior to supply and installation.	47.99	Sq.M	1,900.00	91,177.20
Subtotal for Flooring and wall tiles works						313,993.20
11. FINISHING						
11.1	MR	Providing & laying 20mm cement plaster-C.M 1:4	173.80	Sq.M	525.00	91,247.10
11.2	MR	Providing and applying finishing coats-Dry distemper, two coats on new work.	173.80	Sq.M	300.00	52,140.00
Subtotal for Finishing						143,387.10
12. EXTERNAL WORK						
12.1	MR	Constructing of plinth protection with second class brick masonry open surface drain in cement mortar 1:4 including earth work in excavation - 250mm x 300mm depth	86.00	Sq.M	2,500.00	215,000.00
12.2	MR	Providing and fixing on wall face single socketed rigid PVC (Working Pressure 4kgf per sq.cm) rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion- complete- 75mm dia	24.00	M	535.00	12,840.00
Subtotal for External work						227,840.00

13. PLUMBING & SEWER WORK						
13.1	MR	Providing & fixing WC- Parryware (Neutral/Warm/Bright) or equivalent brand	4.00	Each	7,500.00	30,000.00
13.2	MR	Providing & fixing Wash basin - (435 x 365 x 130mm) Parryware (C041F) or equivalent brand	4.00	Each	4,500.00	18,000.00
13.3	MR	Providing & fixing Basin Mixer without Pop-Up-Parryware or equivalent brand	4.00	Each	2,500.00	10,000.00
13.4	MR	Providing & fixing Bib Cock with Nozzle-Parryware (G2379A1) or equivalent brand	4.00	Each	1,700.00	6,800.00
13.5	MR	Providing & fixing Mirror-	4.00	Each	1,200.00	4,800.00
13.6	MR	Providing & fixing Shower Head (With Arm)-Parryware (T9985A1) or equivalent brand	4.00	Each	2,500.00	10,000.00
13.7	MR	Providing & fixing Towel Rail 24"-Parryware (T6001A1) or equivalent brand	4.00	Each	2,200.00	8,800.00
13.80	MR	Providing & fixing Toilet paper Holder-Parryware (T6405A1) or equivalent brand	4.00	Each	1,300.00	5,200.00
13.09	MR	Providing & fixing T110 mm dia HDPE Pipe	30.00	M	375.00	11,250.00
13.11	MR	Providing & fixing T75 mm dia HDPE Pipe	30.00	M	250.00	7,500.00
13.15	MR	Constructing Saptic tank- Complete.	2.00	EACH	54,000.00	108,000.00
Subtotal for Plumbing & Sewer Works						220,350.00