

Bill Of Quantities (BOQ)
For the construction of 60 twin pit latrines

Item	Description	Unit	Quantity	Unit Price	Amount
1	Earth work in excavation of Foundation for twin pit latrine, carrying and disposing of all Excavated materials at a safe distance designated by the EIC, all types of soil except rocky gravelly, organic maintains proper slope, disposing of all back filling of sites of all excavated materials to a safe distance back filling of sites of original level etc, all complete to the direction of the EIC.	cft	110		
2	Sand Filling: Sand filling in foundation trenches and plinth with fine local sand having minimum fineness modulus (FM) of .50 in 150mm /75 mm layers, leveling, watering and consolidating each layer by layer up to finished level, etc. All filling completed as per direction of engineer-in-charge and as per drawing and design.	cft	30		
3	Polyethylene Sheet: Providing single layer polythene sheet (0.18mm thick) weighting one kilogram per 6.5 square meter in floor or anywhere in ground floor underneath the cement concrete, etc. all complete as per specifications and direction of the Engineer In-charge.	sft	20		
4	Brick Flat Soling (3"): Single layer of brick flat apron in foundation with 1st class picked bricks preparation of bed and filling interstices with local sand, etc. All work completed as per direction of engineer-in-charge and as per drawing and design.	sft	38		
5	Mass Concrete (1:2:4): Plain cement reinforced concrete work in foundation or floor with best quality Portland cement, sand (minimum FM 1.20) and 1st class/picked brick chips 20mm downgraded (LAA value not exceeding 40), including shuttering, (Shuttering works in/c centering, leveling making shuttering fully leak proof, etc. Including all shuttering materials) mixing by concrete mixermachine/manually, casting, laying compacting and curing for 7 days etc. all complete as per direction of the engineer-in charge	cft	10		
6	Brick work with mortar 1:4: 10" Brick work (1' height) with 1st class bricks in cement mortar(1:4) and making bond with connected walls & stair in/c necessary scaffolding, racking out joints, cleaning and soaking the bricks at least for 24 hours before use, washing of sand, curing for requisite period etc. all complete as per direction of the Engineer In-charge.	cft	18		

7	125mm (5") Brick work (1' height) with mortar 1:4: 5" Brick work with 1st class bricks incement mortar (1:4) and making bond with connected walls in/c necessaryscaffolding, racking out joints, cleaning and soaking the bricks at least for 24 hours before use, washing of sand, curing for requisite period etc. all complete as per direction of the Engineer In charge.	sft	28		
8	12 mm thick plaster with NCF: Plastering interior and outer wall: minimum 1/2in. thick cement plaster with (1:4) to outer wall; flnishing corner and edges; cleaning the surface, plastering work on the outer surface of precast column ,all plastering completed as per direction of engineer-in-charge and as per drawing and design.	sft	140		
9	0.32 mm thick (Colored) Corrugated Plastic Sheet for Roofing: Supplying, fitting and fixing 0.32mm thick corrugated plastic sheet (Brand Quality), fitting and fixing on wooden frame with screws. all complete and accepted by the Engineer.	sft	42		
10	0.51 mm/24 gauge thick (Colored) Plain Galvanized Iron Sheet for Wall Fenching & Door: Supplying, fitting and fixing 0.51 mm 12 gauge thick plain galvanized iron sheet (Brand Quality) for fitting and fixing on wooden purlin with screws, limpet washers and putty etc. all complete and accepted by the Engineer.	sft	132		
11	Wood Work (Gorjon/Akashmoni/Mehogini): Timber used for wood work shall be well seasoned, kiln dry containing not more than 8%to 72 % moisture so as to ensure minimum tendency towards warping, shrinking and swellings. It shall be free from all defects such as large or loose knots, shakes, saps, upsets, wane edgeand twisted fiber. It shall also be free from all disease such as decay, wet rot, dry rot and woodworms and white and timber should be finished to the exact dimension shown on the drawing or as per Engineer direction.	cft	4.5		
12	10ft height pre-cast pile (4" x 4" size) with reinforced cement concrete works with minimum cement content relates to mix ratio 1:1.5:3 having minimum f'cr = 30 Mpa, and satisfying specified compressive strength f c = 25 Mpa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM best quality coarse sand (F.M.2.2), 20 mm down well graded stone chips conforming to ASTM C-33, mixing in standard mixture machine and centering and shutteringwith M.S sheet, M.S angle, F.I bar, nuts and bolts, preparation of bed, laying polythene, placing of reinforcement cage in position, castin& compacting by ng for 28 days etc. including cost ol reinforcement, water, electricity and other charges as per design and drawing, etc. all complete as per design, drawing and accepted by the Engineer.	nos	4		
13	Supply, fittings & fixing of 3' dia. RCC Ring, 2.25" thickness and 6 mm bar reinforcement as per the drawing and instruction of EIC.	nos	12		
14	Ceramic commode with siphon and extra 4" long 4" dia pipe	nos	1		

15	Supply, fittings & fixing of pre-cast ring cover 3' dia, thickness-2.5", 4" dia socket for ventilation pipe, made of 1:2:4 mixing ratio, 8mm dia ms rod (60G) 5" C/C both way as per the drawing and instruction of EIC.	nos	2		
16	Tie down with 8 filled sand bags or local rocks, 6mm rope	nos	1		
17	Other Supplies & Accessories fitting, fixing & supplying				
a	Stud Nail (2.5 inch)	kg	2		
b	Nail Different size (1.5 to 4 inch)	kg	1.5		
c	Hinges 3"	nos	3		
d	Screw for Hinges	dzn	1		
e	Locker (for door lock inside & outside)	nos	2		
f	PVC Ventilation Pipe (4" dia)	ft	20		
g	4" uPVC pipe cap with net (fly screen)	nos	2		
h	uPVC Long Trap (4" dia)	nos	1		
i	uPVC pipe (4" dia)	ft	20		
j	Soap tray	nos	1		
18	Transportation / carrying / mobilization cost:				
	The work is to be delivered in Baharchhara Union wards 7 (Hajom Para, Mathabhanga, Marishbonia), 8 (Kochhopia), 9 (Noakhalia Para) and Teknaf Sadar wards 1 (Rajarchhara), 2 (Jahalia Para) and 2/3 (Lengurbil)	nos	1		
Total per Unit (BDT)=					
Total for 60 units (BDT)=					

All unit prices are without VAT and including TAX.

Validity of Quotation minimum 120 day from the deadline for submission.

Date of Quotation:

Stamp and Signature of Bidder