

BOQ FOR CIVIL WORK OF					
SBI,DULIAJAN STAFF QUARTER (REPAIRING WORK)					
SI.No	Description of items	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Paintiung on steel and other metal surface: Synthetic enamel paint, aluminium paint / bituminus paint on steel and other metal surfece. i).Removing old paint from steel and other metal surface and making the surface even. The rate is inclusive of scaffolding and staging if required	sqm	1700		
2	Painting two coats on old wood based surface like door frame and shutter, window shutter and ventillation shutter 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 surfaces of all dirt, dust and other foreign matter sand papering and stopping.The rate shall also includes cost of primer and its application after cleaning the wooden surface. The rate is inclusive of scaffolding and staging if required.	sqm	800		
3	Painting two coats on old wood based surface like window and ventillation frame 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 surfaces of all dirt, dust and other foreign matter sand papering and stopping.The rate shall also includes cost of primer and its application after cleaning the wooden surface. The rate is inclusive of scaffolding and staging if required.	cum	21		
4	Providing and applying in position average 12/15mm thick smooth finish cement Plaster in cement mortar 1:5 to all internal /external walls, terrace wherever require using fine or Coarse sand as specified and directed by the Engineer-in-charge. The rate is inclusive of scaffolding and staging if required, removal of unwanted plants from walls.	sqm	1900		
5	Exterior Painting: Finishing walls with ready mixed Premium acrylic emulsion paint of green pro eco labelled products of Asian paint, Burger or equivalent brand of required shade as per instruction of Engineer in Charge having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives after throughly brooming the surfaces to remove all dirt and remains of loose powdered materials as specified and directed by the department. Repairing work (Two or more coats applied @ 1.43 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm. The rate is inclusive of scaffolding and staging if required, removal of unwanted plants from walls & application of suitable chemicals for prevention of growth of plants, plastering of damaged portions of wall and chajjaas (with application of wall putty and water proofing materials for finishing) whenever required.	sqm	14800		
6	Septic Tank Providing and constructing septic tank of size approx. 2.5 m × 1.2 m × 1.5 m depth with two chambers, including excavation in all types of soil, 100 mm thick brick soling, 100 mm thick PCC (1:3:6), RCC base slab (M20) of 120 mm thickness reinforced with 10 mm dia bars @ 150 mm c/c both ways, brick masonry walls of 230 mm thickness in CM 1:4, partition wall of 115 mm thickness, RCC top slab 100 mm thick reinforced with 8 mm dia bars @ 150 mm c/c, internal plaster 12 mm thick in CM 1:3 with waterproof finish, external plaster 12 mm thick in CM 1:4, including inlet and outlet PVC pipes, baffle wall, manholes with covers, curing, and all complete as per standard specifications and direction of Engineer-in-charge	Nos	4		

7	<p>Soak Pit Making soak pit 2.5 mtr. diameter 3.0 mtr. deep (Inside clear dimensions) with dry brick honey comb shaft of common burnt clay F.P.S. (non modular) bricks of class designation 7.5 and R.C.C. top slab 150mm thick with 1:1½:3 mix including C.I. cover with frame (heavy duty) 560 mm internal diameter, total weight of cover and frame to be not less than 208 kg (weight of cover 108 kg and weight of frame 100 kg) filled with brickbats including PVC drain pipe 100 mm diameter and 1.80 m long complete as per standard design etc. complete as directed by Engineer-in-charge.</p> <p>The rate also includes necessary excavation (mechanically / manually) to the required depth, dewatering, backfilling earth in exposed side, watering, ramming and removing the surplus excavated material and making good the same etc. complete as directed by Engineer-in-charge.</p>	Nos	4		
8	<p>Inspection Chamber / Manhole I Designing and constructing Inspection Chamber of varying depth and sizes, details as under: a. P.C.C. bed in cement concrete 1:3:6. b. R.C.C. for Foundation Slab of average 100 mm thick in cement concrete cement concrete 1:1½:3 mix with bottom reinforcement 8ø @ 200 c/c both way, alternate bent-up. c. Brick Masonry 230 mm thick with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in CM 1:4. d. RCC Top Slab 150 mm thick in cement concrete 1:1½:3 mix and top & bottom reinforcement 8ø @ 150 c/c both way including embedding with frame for manhole. e. Plastering inside and outside of average 12 mm thickness with cement mortar 1:3 with a floating coat of neat cement on inside face including proper water proofing to ensure no ground water seepage in the manhole. f. Providing & fixing PVC coated M.S. foot rests of 20mm ø at 300 mm spacing, benching and making channels with 1:2:4 cement concrete neatly finished. g. The rate also includes excavation (mechanically / manually) in all kind of soil up to required depth, dewatering, necessary centring & shuttering, curing, backfilling earth in exposed side, watering ramming and removing the surplus excavated material and making good the same complete as required. Note :- Construction as per directed by Engineer-in-charge. a Chamber size 450 X 900 mm (inside) i Up to 450 mm depth</p>	Nos	4		
9	<p>Gully Trap Providing and fixing Square Mouth PVC gully trap of grade 'A' complete with C.I. grating embedded in brick masonry chamber with first class bricks in CM 1:5 and trap to be set in cement concrete 1:2:4, both side 12mm thick plastering with floating coat of neat cement, making necessary connections and providing water tight double seal FRP Heavy duty cover with frame of 300 x 300 mm internal size. The rate also includes necessary excavation (mechanically / manually) to the required depth, dewatering, backfilling earth in exposed side, watering, ramming and removing the surplus excavated material and making good the same etc. complete as directed by Engineer-in-charge. 450 x 450 mm chamber with 230 x 160 mm size 'P' trap. FRP Cover. Make: Thermodrain / Fibrocast / Sintex</p>	Nos	8		
10	<p>Supplying,fitting and fixing PVC pipes of 6kg/cm2 (Supreme/Prince) or other ISI approved including joining,fitting and fixing with clamps etc as necessary complete at all levels including below G.L as directed as specified a) In exposed surfaces or trenches 110 mm dia (as per instruction of Engineer in Charge)</p>	RM	370		

11	<p>Terrace water proofing by acrylic Polymer</p> <p>Providing and applying two coats of ready-to-use "Two component Acrylic polymer modified cement base flexible water proofing slurry" to a thickness of 2 mm as per manufacturer's specifications including necessary surface preparation and providing & laying and finishing average 25 mm thick 1:1:2 concrete protective screed (using 12- 20 mm stone chips) on the coating to the required slope and rounding at junctions of walls and slab, admixed with waterproofing compound @ 100 ml / bag of cement and polypropylene fibres @ 1 packet/bag of cement etc. complete as directed by Engineer-in-charge. The whole terrace so finished shall be flooded with water up till height of rounded portion for a minimum period of two weeks for curing and for final leakage test and as directed by Engineer-in-charge.</p> <p>Acrylic Polymer modified cement base flexible waterproofing :- FOSROC / BASF/SUNANDA Concrete Admixture:- FOSROC / DR. FIXIT / PIDILITE or equivalent</p> <p>It was also include cleaning the surfaces of all dirt, wire brushing the surface and preparing the surface before applying concrete protective screed.</p>	sqm	2100		
12	Removal of scrap materials, soil, plants from the roof top of each block, cleaning the floors, removal of unwanted plants and disposal/dumping of unserviceable items as per instruction of Engineer in charge . The nos in BOQ denotes the numbers of blocks in the complex.	Nos	4		
13	Removal of scrap materials, dead trees from the premises of Quarter complex and cleaning the premises & disposal/dumping of unserviceable items as per instruction of Engineer in charge .	Lumpsum	1		
14	<p>Septic tank cleaning: Cleaning of existing rectangular septic tanks and outlets with the help of local body/Municipality and private sanitation agencies, if any, to equipped with appropriate technology, machinery etc. (mechanised solution) and ensure that only trained professionals are allowed to enter the sewer/septic tanks.</p> <p>Septic tanks for block A, B1,B2 and C blocks, BM Quarter, Duliajan Branch in the Premise.</p>	Each	9		
				TOTAL	
NOTE :The cost is exclusive of statutory taxes (GST) on work contract					