

BOQ FOR CIVIL WORK OF					
SBI, ITANAGAR BRANCH (RENOVATION)					
Sl.No	Description of items	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	<b>Half Brick Wall:</b> Half brick masonry with first class brick in superstructure above plinth level upto floor V level in cement mortar 1: 4 ( 1 cement : 4 coarse sand ) with all necessary projection including cost of all materials, labour, conveyance, loading and unloading, taxes, royalties, scaffolding, watering, curing, sundries, tools etc .	Sqm	12		
2	<b>Full Brick Wall:</b> Full brick masonry with first class brick in superstructure above plinth level upto floor V level in cement mortar 1: 4 ( 1 cement : 4 coarse sand ) with all necessary projection including cost of all materials, labour, conveyance, loading and unloading, taxes, royalties, scaffolding, watering, curing, sundries, tools etc .	Sqm	7		
3	15 mm thick Cement plaster 1:4 (1 cement : 4 sand) in single coat on single or half brick wall for interior/exterior plastering up to 3rd floor level including arises, internal rounded angles, not exceeding 80mm girth and finished even and smooth including curing complete as directed. rate includes removal of damaged plasters (if necessary) as per instruction of Engineer in charge.	Sqm	258		
4	Applying one coat of distemper primer of approved brand and manufacture on wall surface after thoroughly brushing the surfaces free from mortar droppings and other foreign matter and including preparing the surface even and sand papered smooth.	Sqm	1866		
5	Wall painting (two coats) with acrylic emulsion paint approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) on new surface to give an even shade after thoroughly brushing the surfaces free from mortar droppings and other foreign matter and sand papered smooth.	Sqm	1866		
6	<b>Exterior Painting:</b> Finishing wall with two coats of acrylic emulsion exterior coatings of green pro eco labelled products of Asian paint, Burger brand of required shade as per instruction of Engineer in Charge to give an even shade after thoroughly brooming the surfaces to remove all dirt and remains of loose powdered materials as specified and directed by the department.The rate includes primer applied @ 2.2 Kg/10 sqm The rate includes all scaffolding and staging if required.	Sqm	554		
7	PAINTING ON STEEL AND OTHER METAL SURFACE: Synthetic enamel paint, aluminium paint / bituminous paint on steel and other metal surfaces. i).Removing old paint from steel and other metal surface and making the surface even.	Sqm	88		
8	<b>Wash basin:</b> Providing and fixing wash basin with CI bracket, 15 mm CP brass pillar top, 32 mm PVC waste pipe of standard pattern including painting of fittings and brackets, cutting and making good the walls wherever required. White vitreous China wash basin 550 x 400 mm with 15 mm thick C.P. Brass pillar top complete in all sense.	Each	12		
9	<b>Urinal:</b> Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350, including drain pipes, painting of fittings and brackets, cutting and making good the walls and floors etc. wherever required : (make:Cera/Parryware).	Each	9		
10	<b>Water Closet:</b> (European type W.C.) Providing and fixing white vitreous china water closet (European type W.C. pan) with seat and lid, 10 litre low level white dual flush P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required. W.C. pan with ISI marked white solid plastic seat and lid. (WC make:Cera/Parryware).	Each	8		
11	Providing and fixing CPVC pipes complete with fittings and clamps, i/c cutting and making good the walls etc. Internal work - Exposed on wall 25 mm dia/15 mm dia	RM	132		
12	Providing and fixing PVC (6kg) darinage pipes complete with fittings and clamps, bends etc complete as per direction of engineer in charge. 75 mm dia	RM	104		
13	Providing and fixing C.P. brass two way cock/bib cock/ angle valve/ stop cock of approved quality and brand.	Each	46		

14	<p>Providing VITRIFIED floor tiles of approved quality of specified size, shape and thickness not less than 18mm on floors, skirtings, risers and treads of steps over 15 mm thick base of cement mortar in prop. 1:3 (1 cement : 3 coarse sand ) including cutting where necessary finished with flush pointing with Fix-A-Tile (Choksey/Sika/Pedelite/Rouf) / white cement slurry mixed with approved pigment to match shade of tiles, mixed with approved pigment to match the shade of the tiles, complete at all levels as specified and directed. (Coloured pigment should be in conformity with colour of files and as approved and directed by the Department)</p> <p>(i) Normal range Somany/ Orient/Nitco /Varmora/VITA/ Marbito Make</p> <p>ii) Of size 600mmx600mm and above</p> <p>Cost includes removal existing tiles as per instruction of Engineer in charge.</p>	Sqm	304		
15	<p>Chequered tiles :</p> <p>Providing and fixing 300 x 300 mm size 25 mm thick 1st quality anti skid chequer tiles conforming to IS: 15622 of approved make, in all colours, shades approved by Engineer-in-Charge, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with matching shade cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.</p> <p>Cost includes clearing/cleaning of area as per instruction of Engineer in charge</p>	Sqm	30		
16	<p>Ceramic glazed wall tiles :</p> <p>Providing and fixing 300 x 600 mm size 8 mm thick 1st quality ceramic glazed wall tiles conforming to IS: 15622 of approved make, in all colours, shades approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) or 5 to 8 mm thick Balendura / Latticrate adhesive as advised and jointing with matching shade cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.</p> <p>Make: Kajarria / Jhonshon. Basic cost: Rs 50 /sff</p> <p>Cost includes removal of existing tiles as per instruction of Engineer in charge</p>	Sqm	56		
17	<p>Non skid Bathroom floor tiles :</p> <p>Providing and laying Ceramic non skid bathroom floor tiles of size 600 x 600 mm 8 mm thick of approved make and shade, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), or 5 to 8 mm thick Balendura / Latticrate adhesive, as advised including pointing the joints with white cement and matching pigments etc. complete.</p> <p>Make: Kajarria / Jhonshon.</p> <p>Cost includes removal of existing tiles as per instruction of Engineer in charge</p>	Sqm	46		
18	<p>Providing, fittings and fixing 29 mm thick polymer reinforced moulded PVC door shutter fixed to the chowkhat with necessary hinges. Screw, bolts etc. as specified and directed at all levels, including cost of all necessary fixtures and fittings such as handle, locking arrangement etc. all complete. rate shall included provide chowkhat.</p>	Nos	8		
19	<p>Providing, fitting and fixing M.S. grill of required pattern for windows/ clerestory windows/ opening with M.S. flats at required spacing in frame all round, square or round M.S. bars with round headed bolts and nuts or screws. Fixed to wooden frames/steel frames/brickwork/P.C.C/R.C.C</p>	Kg	162		
20	<p>Demolishing brickwork /vitrified tiles/wall tiles /conceal pipe lines etc including stacking of serviceable materials and disposal of unserviceable materials as directed for all levels. And disposing the same in the dumping zone as specified by the local municipal authorities.</p>	Cum	23		
21	<p>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.</p> <p>No extra measurement for lap, hook, chair, anchor etc will be entertained in the measurement as they are included in the rate.</p> <p>From primary producer: TATA/SAIL/ESSER STEEL/JINDAL STEEL</p>	Kg	3200		

22	Providing and laying plain/reinforced cement concrete works cement, coarse sand & 20mm down graded 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) M20 grade concrete or Prop. 1:1.5:3	Cum	10		
23	Banking floor tile cleaning using suitable floor cleaners to make shine, all window glasses cleaning, Removal of scrap materials, dead trees/unwanted trees from the roof and premises of Quarter complex and cleaning the premises & disposal/dumping of unserviceable items as per instruction of Engineer in charge by following the local municipal guidelines.	Lumpsum	1		
24	Earthwork in excavation for foundation trenches of walls, retaining walls, footings of column, 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 the following classification of soils including bailing out				
	(A) Up to a depth of 2.00m below the existing ground level.				
	(c) In soft or laminated rock or medium shale	Cum	30		
	(B) Extra over item no.1.1(A) above for each 1m depth or part thereof beyond the initial depth of 2m	Cum	5		
25	Earth/ sand filling in plinth in layers not more than 150mm thick including necessary carriage, watering, ramming etc. complete as directed and specified including payment of land compensation, forest royalty, sales tax and other duties and taxes as may be necessary.				
	(a) With earth or silt or sand obtained by head load with lead upto 90m and lift upto 2m	Cum	6		
26	Supplying and filling sand gravel in foundation trenches of column footings over slushy soil including local carriage of materials within 8 km pumping out of water, ramming etc. complete for strengthening the bearing capacity of the soil as directed and specified including payment of Forest Royalty and Sales Tax and other duties and taxes as may be necessary.	Cum	7		
27	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	4		
28	Providing form work of ordinary timer 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 cement concrete work in:  foundation, footings, columns, pile cap, raft and mass concrete works etc. using 25mm thick plank	Sqm	55		
29	<b>230mm thick brick wall</b> in cement mortar with 1st class brick including racking out joints and curing complete as directed in structure	Sqm	28		
	<b>(I) In Sub-structure</b> upto plinth level including dewatering if necessary				
	(a). In proportion 1:3.				
30	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	rm	300		
	a) In exposed surfaces or trenches 110 mm dia				
31	Repairing of existing PVC pipes of 6kg/m2 (rain water pipes) after cutting/fixing with necessary clamps/bend/reducer/nipple/plug/screws etc and support wherein required as per site condition.The rate shall also includes cost of scaffolding .	rm	80		

32	Supplying fitting and fixing approved uPVC pipes of different sizes,with all necessary"R" brand or similar aproved uPVC fittings such as bend,tee,elbow,reducer,nipple,plug,long screw fitting,clamps etc. complete at all levels including below G.L as directed and specified	rm	75		
	a) Exposed or in trenches SUPREME/PRINCE brand or other equivalent approved brand(High pressure pipe SCH-40 of 50mm 25 mm dia	rm	25		
33	Supplying and placing plastic cylindrical vertical claused top(CPVC) tank sintex/polycon/patton make over the surface with manhole cover with locking and cleaning arrangement including providing pipe for inlet and outlet pipes complete as directed.	nos	4		
	2000 litres capacity(3 layer)				
34	5HP three phase Centrifugal monoblock pump set(Crompton Greaves/Aquatic/CRI/V-guard/Calma make 2900 rpm A class insulation with DOL starter(Crompton Greaves/Aquatic/CRI/V-guard/Calma make) .The rate also includes necessary supply and installation of wires from main source complete in all respect.	nos	1		
35	Filling of recharge tank(Filter) (size 1m x 4m x 1.5m)				
	With coarse sand of size 1.5mm - 2mm upto depth 200 mm	cum	6		
	With gravel of size 100mm - 200mm upto depth 200 mm along with wood charcoal of 200 mm depth	cum	6		
36	PVC net for filter purpose	sqm	25		
37	Supplying and fixing of Towel stand of approved size at toilets or wherever instructed by Engineer in charge	Nos	7		
38	Supplying and fixing of Mirrors of approved size at toilets or wherever instructed by Engineer in charge	Nos	7		
			<b>TOTAL</b>		