

<b>BILL OF QUATITIES FOR CIVIL WORKS</b>					
<b>AT STATE BANK OF INDIA NAYA NANGAL BRANCH, PUNJAB.</b>					
<b>PART A</b>					
<b>S.N</b>	<b>ITEM</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>1</b>	<b>VITRIFIED TILE FLOORING</b>				
	Providing & fixing vitrified tiles of size 800x800 mm of approved make in flooring laid in any pattern as specified over base of 20 mm thick cement coarse sand mortar 1:3, and jointed with white cement slurry mixed with pigment to match the shade to tiles. The tiles shall be of premium quality double charged (first quality) of reputed manufacture i.e. JOHNSON/NITCO/KAJARIA/NIRO GRANITE. The work also includes dismantling of existing floor/wall tiles or stone & removal of malba and disposal of the same away from site.	391	Sq.mt		
	<b>Cost of Tile Rs. 70/ sq.ft inclusive of delivery, Octroi, loading- Unloading at site and all taxes thereon excluding GST.</b>				
<b>2</b>	<b>Granite flooring</b>				
	Providing , Laying & fixing of granite stone (Grey shade)15mm to 18mm thick in flooring/skirting treads & risers of steps,laid in any pattern as specified over base of 20mm thick cement slurry mixed with pigment to match the shade of granite stone. The work also includes dismantling of existing floor/wall tiles or stone & removal of malba and disposal of the same away from site	30	Sq.mt		
<b>3</b>	<b>CIVIL WORKS</b>				
<b>i</b>	Dismantling <b>Brickwork/RCC</b> manually/mechanical means including stacking oo servicable material and disposal of unservicable material with in 50 m as per direction of Enginerr in charge.	40	Cum		
<b>ii</b>	Dismantling of flushing cistern of all types (C.I./pvc/vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	7	No.		
<b>iii</b>	Dismantling G.I. pipes (internal & external work) including excavation and refilling trenches / repair of wall after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge:				
	15 mm to 40 mm nominal bore	90	Rmt		
<b>iv</b>	Dismantling C.I. pipes including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes & lead at site within 50 metre lead as per direction of Engineer-in-charge:				
	Up to 150 mm diameter	45	Rmt		
<b>v</b>	115mm thick brick masonry : 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 floor V level	54	Sq.mt		
	Cement mortar 1:4(1 cement :4 coarse sand)				
<b>vi</b>	Extra for providing and placing in position 2 Nos. 6mm dia. M.S. bars at every third course of brick masonry.	54	Sq.mt		
<b>vii</b>	<b>230mm thick brick masonry</b> : Brick work with common burnt clay F.P.S (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in:	39	Cumt		
<b>viii</b>	Cement mortar 1:6(1 cement: 6 coarse sand)				
	12 mm cement plaster of mix :				
<b>ix</b>	1:6 (1 cement: 6 fine sand)	150	Sq.mt		

S.N	ITEM	QTY	UNIT	RATE	AMOUNT
	15 mm cement plaster on the rough side of single or half brick wall of mix:				
x	1:4 (1 cement: 4 fine sand)	237	Sq.mt		
xi	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircase and spiral stair cases up to floor five level <b>including the cost of centering, shuttering, finishing</b> with 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal size). including	4.25	Cum		
	Centring and shuttering including strutting, propping etc. and removal of form.				
xii	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
	Cold twisted bars	215.00	Kg		
xiii	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	1:4:8 (1 cement : 4 fine sand : 8 graded stone aggregate 40 mm nominal size)	2.50	Cum		
xiv	Excavtion for brick work/PCC work as per design including backfilling.	7.5	Cum		
xv	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes <b>including brass fittings/float value etc</b> on existing base support for tank. <b>MAKE: SUPREME/DIPLAST/ASHIRWA/SINTEX</b>	1000.00	Ltr		
	<b>Note: Water proofing with Dr. Fixit Roofseal to be maintained or to be executed without any extra payment wherever any dismantling work is done on top slab including reapiir of damaged area with appropriate mix of Sand/Cement/aggregate., complete in all respect to ensure no water leakage in future.</b>				

4 VITRIFIED TILE DADO & FLOORING in TOILETS					
	Providing and laying 1st quality Viterified glazed/matt finish tiles 600mmx 600mm (as specified in Dado (thickness to be specified by the manufacturer approx 9mm) Water absorption of tiles shall be less than 0.5% and flexural strength (Modulus of Rupture) shall be more than 35 N/Sqmm. on 20 mm thick cement mortar 1:4(1 cement: 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Approved makes( Nitco, Johnson, AGL, Kajaria) Basic rate of tile: Rs 60/-per Sq.ft	248	Sq.mt		
	<b>( Note: Work Incl.Dismantling of existing tiles and disposal of material to contractors own dump.)</b>				
5	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.				
	Concealed work, including cutting chases and making good the wall etc.				
	1216 (16 mm OD) pipe	35	Rmt		
	1620 (20 mm OD) pipe	65	Rmt		
	2025 (25 mm OD) pipe	20	Rmt		

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<b>6</b>	<b>Providing &amp; Fixing in position European type water-closet suite (as approved by the Architect/Engineer-In-Charge), syphonic type consisting of:</b>				
	HINDWARE : OLIVIA S-220 One Piece Closet or JAQUAR/CERA Rimless Single Piece WC with UF Soft Close Slim Seat Cover, Hinges, Dual Flush Cistern Fitting, Fixing Accessories And Accessories .				
	Complete in all respects including connecting with existing CI pipe with CI/PVC pipes , removing existing fixtures including cutting & making good the walls & floors.				
	Providing & fixing of stainlen steel JET set to be provided along European seat, fixed complete in all respects to the satisfaction of Architect/Engineer -In-Charge. Make:(VIKING/JAL)	7	NO'S		
<b>7</b>	Providing and fixing in position approved make C.P.Brass liquid soap dispenser fixed into wall with C.P. brass screws complete in all respects including cutting and making good the wall etc. Make: Jaquar ACN-1135N Soap Dispenser with Glass Bottle ( Hindware/Cera)	7	NO'S		
<b>8</b>	Providing and fixing in position best indian make bevelled edge 5.5mm thick mirror mounted on <b>asbestos sheet ground</b> fixed in position by means of 4.no Chromium plated brass screws & washers over rubber washers & rawl plug embedded in the wall or Chromium plated brass clamps with c.p. brass screws (as required by the Architect/Engineer-In-Charge) complete including cutting & making good walls ect.Size(600x910mm)	6	Sq.mt		
<b>9</b>	Providing and fixing CP Brass towel ring complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and color. Make: Jaquar ACN-1121N Towel Ring Square with Round Flange ( Hindware/Cera)	7	NO'S		
<b>10</b>	<b>Providing &amp; Fixing in position white viterous China flat back lipped front URINAL,Consisting of:-</b>				
	Hindware Fb – Large Standard Urinal or Jaquar/Cera				
	<b>with Jaquar Urinal Valve Auto Closing System with Built-in Control Cock with Wall Flange PRS-CHR-077</b>				
	C.P.Brass Spreadres with brass unions & G.I.Clamps,complete including cutting	5	NO'S		
	<b>Including C.P Bottle Trap " Jaquar make" Code : ALD 769</b>				
<b>11</b>	<b>Providing &amp; fixing in position Lavatrry suites cousistry of :-</b>				
	PEDESTAL WB "ELEGANCE" – SW				
	C.I.Brackfast for building into wall including painting.				
	32mm C.P.Brass waste of standard pattern.				
	15mm C.P. Brass screw down pillar tap with couplings ( Pressmatic Jaquar Cat No: PRS-031)				
	Including C.P Bottle Trap " Jaquar make" Code : ALD 769				
	All brass wok chromium plasted and complete in all respects including cutting & making good the walls,floors & paintry of fittings ect.	7	NO'S		
<b>12</b>	Providing & fixing CP Jali, complete in all respects.	15	each		
<b>13</b>	Providing & fixing G.I. reducer ( Snw/ Unique) for floor drain, complete 75 x 50mm size.	5	each		

S.N	ITEM	QTY	UNIT	RATE	AMOUNT
14	Providing & fixing Urinal Partition/Division Plate. Model No. 1810-UC (Make: Jaquar)/ Hindware Curved shaped urinal partition with frosted glass Glass: 8mm / 10mm Finish: Chrome	4	NO'S		
15	Providing & fixing C.P brass bib cock of approved make conforming to isi 8931 ORP-10037PM Bib Cock with Wall Flange( 15mm nominal bore ) Make : Jaquar/ Hindware	4	NO'S		
16	Providing & fixing C.P brass ORP-10173BPM Single Lever Sink Mixer with Swinging Spout (Table Mounted) with 450mm Long Braided Hoses Make : Jaquar/ Hindware	1	NO'S		
17	Providing & fixing C.P. brass stop cock conforming to isi:8931(15 mm nominal bore.) ORP-10053PM Angular Stop Cock with Wall Flange Make : Jaquar/ Hindware	16	NO'S		
18	Providing & fixing Premium Stainless Steel Oval Single Bowl Kitchen Sink 610 x 457 x 228mm including C.P.Brass waste coupling and flexible waste pipe., complete in all respects to the satisfaction of the Engg. In Charge	1	NO'S		
	<b>Makes: NIRALI/ CERA/HINDWARE</b>				
19	<b>FLUSH DOOR</b>				
	Providing and Fixing Factory manufactured flush doors along with 2-1/2" x 5" teak wood door frames fixed in position with iron hinges,tower bolts (2 no),Stopper,8"SS Handle ( 2 No),etc (excluding the cost of any fitting other than specified above but including labour for fixing the same in position.Commercial with elm or gurjan facing on both sides with 1mm approved shade laminate on both sides and lipped edges 35mm thick.	18.00	Sq.mt		
20	Providing & fixing A TYPE PVC pipes of supreme/Finolex/Ashirwad make or equivalent in position of required size (75mm to 200mm dia for drain/ sewerage outlets Class 3 6kg pressure) and length with special fittings, traps, bends, ys, floor & nahani traps etc. Including chemical sealed joints as required at site making necessary connections upto manhole or for w.c. & waste water lines,unused lines for w.c. & waste water to be removed, the rate shall include all incidental work, cutting & making good walls & floors etc. Complete. <b>Please visit the site for inspection.</b>				
	<b>Per WC including waste water for toilets</b>	7	NO'S		
21	<b>Plastic Emulsion Paint</b>				
	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :. Make:- Asian paints/ICI Dulux/Nerolac.	60	Sq.mt		
22	<b>Exterior paint_ (Asian_ Apex make)</b>				
	Finishing walls with exterior paint of required shade : New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm Make:- Asian paints/ICI Dulux/Nerolac.	313	Sq.mt		
	<b>TOTAL PART A</b>				
<b>B</b>	<b>CREDIT OF OLD MATERIALS</b>				
a	Existing old Aluminium/Wooden doors including frames dismantling and removing from premises.	18.00	Sq.mt		
b	Existing Old CP fittings and GI/CI pipes etc				

