

**BILL OF QUANTITIES & SPECIFICATIONS FOR PROPOSED TOILET & CIVIL WORKS OF SBI CALL CENTER AT BASEMENT FLOOR RBO-2 ARERA HILLS BHOPAL.**

S.NO	ITEM AND SPECIFICATION	QTY	UNIT	RATE	AMOUNT
	<b>CIVIL WORKS</b>				
1	Providing and fixing <b>1<sup>st</sup> class premium quality, double charged vitrified tiles in floor, skirting</b> “-	42	Sqm		
a.	Size-600mm x 600mm or as directed) of make Kajaria, Nitco, Bell, Johnson, Somany etc, or equivalent in first quality				
b.	20 mm thick bed of cement mortar 1:4 and jointing with grey cement slurry @3.3 kg per Sqmt,				
	Note- Including all material , labour etc complete.				
2	<b>Providing &amp; laying Vitrified wall tiles for dado in pantry area and on walls in toilets :-</b>	63	Sqm		
a.	Size- 600 x1200 mm of make Simpolo, Kajaria, Nitco, Bell, Johnson, Somany etc, or equivalent in first quality				
b.	Joints to be filled and finished neat with cement grout as per specifications including cutting at traps, mitring of joints if required cleaning applying acid wash curing etc. complete at all levels.				
3	<b>Z- Black Granite Works :</b>				
a.	18-24 mm kota stone stand and kota stone or MS angle/T section supports as required				
b.	15-18 mm thick mirror polished, machine cut jet black granite				
	<b>Note- Granite</b> full round moulding shall be fixed with araldite adhesive to the counter top. The cost shall be inclusive of cutting for sink, basin, taps etc. as and when required.	5.5	Sqm		
	<b>Sanitary Works :</b>				
4	<b>Providing and fixing in position first quality white Jaguar Or Eq. Make Orissa Pan WC</b>	1	Nos		
a.	Orissa Pan WC				
b.	10 lts. Capacity Flushing cisterns of Jaguar make				
	Note- Along with connector pipe, patch work tiling, cementing , plumbing works, including all required connections and settings for proper functioning to the Engineer's satisfaction.etc. Complete.				
5	Providing and fixing white vitrous <b>Wall Mounted European WC ENIGMA</b> of Jaguar make- (Cat No-LYS-WHT-38951 UFSM ,ARS-WHT-39951 UFSM	1	Nos		
a.	Wall Hung EUROPEAN WC				
b.	flush valve inlet, outlet, anti syphonic pipe etc. (if required) complete				

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c	including making chases and holes in floors and walls and repairing the same with cement mortar (1:3) plastering, tiling etc.				
d	Flush Valve Dual Flush Concealed Body Type Jaguar make				
	Note- include all fittings jointing material, labour and making connection with the existing line complete.				
6	Providing and fixing white vitrous <b>pedestal type EWC</b> of Jaguar make ;(Cat. No-ARS-WHT-39751 ,LYS -WHT-38751	3	Nos		
a.	EUROPEAN WC				
b.	10 litre capacity PVC ISI approved make low height cistern. The rate				
	Note- include all fittings jointing material, labour and making connection with the existing line complete.				
7	Providing and fixing in position first quality white Jaguar make <b>Push Valve type Urinal</b> (cat. no.URS-WHT-13257,UPS-WHT-13253N) as per approval and making all connections of urinal with other accessories such as flush pipe ,outlet, etc. filling including making chases and holes in floors and walls and repairing the same with cement mortar (1:3) plastering etc. to original condition and painting of fittings etc. complete	5	NOS		
8	<b>Gents Urinal Divider</b> out of size 750X500mm	3	Nos		
	Providing and fixing in position <b>Gents Urinal Divider</b> out of size 750X500mm in 15-19mm thick jet black granite slab, polished on both sides and round moulded edge as per approval including appropriate chase making, fixing, packing and stiffening with bombay nails and plastering.				
9	<b>Counter Wash besin</b>				
	Providing and fixing premium quality white vitreous china below counter Wash Hand Basin of Jaguar fixed over jet black granite counter including edge moulding, CP Brass bottle Trap (Jaguar or equivalent approve), 32mm dia Waste Coupling (Jaguar), Auto closing Pillar Cock (Jaguar Cat No. OPS-WHT-1590N,CMS-WHT-903,801.), including PVC connection etc. complete. as per sample approved.	4	NOS.		

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10	<b>WASH BASIN</b> : Providing and fixing white vitrous wash basin with Half turn pedastal of Jaguar make(Cat. No- OPS-WHT-15801) & Pedestal Cat no- OPS-WHT-15305 with CI brackets, 15 mm heavy pilar cock, 32mm cp brass coupling, waste pipe etc. The rate should include all fittings jointing material, labour and making connection with the existing line complete.	1	Nos.		
	<b>Plumbing Works :</b>				
11	Providing and fixing in position bib cock. <b>Angular, Stop Cock with Wall Flange Jaquar make (Cat. No. FLR 5053N), Plumber</b> or equivalent upon approval complete including all required connections and settings for proper functioning to the Engineer's satisfaction.	10	Nos		
12	<b>Providing &amp; Fixing CP finish Two Way Bib cock with wall flange Jaquar make (Cat. No. FLR 5041N), Plumber or equivalent along with Hand Shower (Health Faucet)</b> (ABS Chrome Plated) with 8mm dia and 1 M long Flexible tube and wall hook (Cat. No. ALD 573) or equivalent upon approval make	2	Set		
13	<b>Providing and fixing in position 15mm Class 'B'CPVC pipe</b> of approved ISI branded complete with fittings Tees, Bends etc,	30	Rmt		
	Makes: Prince, Supreme, Astral				
14	<b>Providing and fixing in position 20mm Class 'B' CPVC pipe</b> of approved ISI branded complete with fittings, Tees, Bends etc,	35	Rmt		
	Makes: Prince, Supreme, Astral				
15	<b>Providing and fixing in position 25mm Class 'B' CPVC pipe</b> of approved ISI branded complete with fittings, Tees, Bends etc,	60	Rmt		
16	Providing and fixing brass/ gun metal <b>high pressure full way or gate valves</b> with MS handle head complete with fitting, teflon tape, testing etc.	2	Nos		
17	<b>Providing and fixing Pvc Pipe for soil waste/rain water/drainage disposal</b> of superior Indian make such as Kisan, Premium, Supreme, Prince or Kasta i/c jointing with rubber ring, adhesive lubricant solvent cement with PVC clips bends, joints, bends with doors, etc. fittingsas per site requirement with testing etc. complete.				
	<b>75 mm PVC pipes</b>	35	Rmt		
	<b>100 mm PVC pipes</b>	50	Rmt		

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19	Providing and fixing at site towel ring Stainless Steel heavy duty to be fixed at site with metallic Anchor fasteners etc complete.	5	Nos		
20	Providing and fixing at site 100mm inlet/75mm outlet nahani trap heavy duty PVC of approved make including stainless steel jali, including all materials, labour etc complete.	8	Nos		
21	<b>Granite Door Frame :</b>	20	RM		
	Marble Frame :Providing and fixing door frame wide-150 mm ( opening size 2.10 m x 0.9 m) made of double layer Baroda green marble frame constructed on the brick work. The exposed edges of granite to be rounded & polished, etc. Necessary holes, etc. to be made for fixing various hardwares, etc.				
22	<b>DISMENTALLING WORK</b>				
	Dismantalling of 4"/ 8" wall, flooring, toilet tiles , toilet fixture,old plumbing work pvc pipe fitting, etc complete	1	Job		
23	Providing and fixing square-mouth S.W. <b>gully trap</b> class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design :				
	180x150 mm size P type				
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	3.00	EACH		
24	Constructing brick masonry <b>manhole</b> in cement mortar 1:4 ( 1 cement: 4 coarse sand ) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :				

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	Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) :				
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2.00	EACH		
25	<b>CUTTING/EXCAVATION OF ROAD &amp; RE-FILLING</b>				
	Cutting/ Excavation of existing road 200-300mm wide & 400mm deep with breaker to make a trench for laying of PVC pipe & refilling the same with PCC 1:2:4 in the pit, the cost shall include cleaning of the road surface, refilling & dressing etc, including all materials, labour etc complete.	25	mtr		
26	<b>Brick Work :</b>				
	Providing and laying Half Brick thick Brickwork in CM 1:4 including R.C.C. Band 100mm thick @ every 1 metre layer including curing etc complete. including 2 nos 6 mm dia M.S bars at every third course of brick masonry	90	SQM		
27	<b>Plaster</b>				
	Providing & laying 12 mm thick Plastering of walls and ceiling with cement mortar 1:4, curing, ladder use, cleaning, etc. complete.	220	SQM		
28	<b>PCC</b>				
	Providing, laying , curing, etc. PCC work of 1:4:8 in floors, excluding reinforcement, including necessary shuttering, material, labour etc. complete.	4	CUM		
29	Providing, laying , curing, etc. Concrete work of 1:3:6 in floors, excluding reinforcement, including necessary shuttering, material, labour etc. complete.	3	CUM		
30	Filling work for Toilet & Trench with Copera/ Brick bat including all material, labour etc complete.	15	CUM		
	<b>TOTAL AMOUNT FOR CIVIL WORK'S</b>				
	ADDING GST				
	GROSS TOTAL INCLUDING GST				