

**BILL OF QUANTITIES FOR CIVIL WORKS AT MSME SULABH, 1st & 2nd Floor, RAJOURI GARDEN**

**CIVIL WORKS FOR CONSTRUCTION OF STRONG ROOM**

S.NO	DESCRIPTION OF ITEMS	UNITS	QUANTITY	RATE (Rs.)	AMOUNT (Rs.)
	<b>MASONARY &amp; RCC WORK</b>				
<b>1</b>	<b>STEEL REINFORCEMENT FOR ALL RCC WORKS</b>				
	Providing and Fixing Structural Steel Reinforcement as per the structural details for the slabs, beams, walls, lintels, staircases etc. including shuttering, binding etc. complete in all respect. (12MM Bar )	KG	2450.00		
<b>2</b>	<b>RCC WALL WITH PLASTER FINISH ON BOTH SIDES - 12" THK RCC WALL</b>	CUM	11.50		
	Constructing RCC Wall in 1:1.5:3 mix (M20) concrete of required thickness as per the structural design. All RCC works should be machine mixed and vibrated, clear cover provided for reinforcement. The Rate shall include plastering with ¾" thk. 1:4 cement plaster on both the sides. The rate shall be inclusive of any scaffolding required, curing,shuttering etc. Complete.				
<b>3</b>	<b>RCC WALL WITH PLASTER FINISH ON ONE SIDE - 12" THK RCC WALL TOUCHING EXISTING BRICK WALL</b>	CUM	10.90		
	Constructing RCC Wall in 1:1.5:3 mix (M20) concrete of required thickness as per the structural design. All RCC works should be machine mixed and vibrated, clear cover provided for reinforcement. The Rate shall include plastering with ¾" thk. 1:4 cement plaster on ONE SIDE. The rate shall be inclusive of any scaffolding required, curing, shuttering etc. Complete.				
<b>4</b>	<b>Brick work ( 115 mm )</b>				
	Constructing <b>115 mm thk.</b> Brick wall in 1:6 cement mortar. Brick used shall be of best quality kiln burnt, having sharp edges & giving clear ringing sound when struck against each other. The item includes cleaning base floor finishing and reaching upto base floor concrete slab and then laying brick work over the slab.The rate shall be inclusive of any scaffolding required, curing etc., complete.	SQFT	42.00		
<b>5</b>	<b>RCC FLOORING</b>	CUM	9.25		
	Constructing RCC Flooring in 1:1.5:3 mix (M20) concrete of required thickness as per the structural design. All RCC works should be machine mixed and vibrated, clear cover provided for reinforcement. The rate shall be inclusive of any scaffolding required, curing, shuttering etc. Complete.				
<b>6</b>	<b>STRONG ROOM DOOR, AIR VENTILATOR FIXING</b>	SET	1.00		
	Fixing in level and in position the strong room door with grill door for the locker room opening and air ventilator as per layout details. The door and ventilator will be supplied by the bank and erected by the supplying vendor. The scope of work includes co-ordination with the supplier and getting the clamps fitted properly with concrete and necessary plastering.				
<b>7</b>	<b>CEMENT PLASTER (IN COARSE SAND)</b>				
	Providing <b>Cement Plaster</b> 15 mm thick on new brickwork and wherever required. The plaster is to be done in cement mortar 1:4 (one part cement: 4 parts fine sand) with water proofing compound (CICO/ Dr. Fixit/ Pidilite). Item includes removing existing plaster, cleaning of the surfaces with wire brush as required, necessary curing, scaffolding etc. & also removal of all malba from the site and Bank's premises on day to day basis etc. complete as per instructions of Architect/ Bank's Engineer. <b>(This item includes removal of existing work before carrying out the new work. No extra payment will be made against the removal work.)</b>	SQ.FT.	124		
<b>8</b>	<b>VITRIFIED FLOOR TILES</b>				

	Providing and fixing VITRIFIED Tiles of approved make, shade and pattern as shown in the drwng. / as aproved by Bank/ Architect. In CM 1:4 in proper line and level with out spacers for maintaining the grid lines. Rate shall be inclusive of providing and laying necessary <b>PCC and Cement Mortar for a thickness of 3"</b> and joint filling compound of the same shade of the tiles and including pop covering on the new flooring for the protection of tiles with base covering plastic. The rate should include cost for removing existing flooring, removing debris from sit etc complete,				
	NOTE: Recessed floor for 3M floor mat (of size 4' x 2' x 12mm) should be made at the entrance.				
i)	32" x32" Vitrified tiles.(bas rat- Rs. 58/- psft	SQFT	1010.00		
<b>9</b>	<b>GRANITE WORKS ( on staircase )</b>				
	Providing and fixing 20mm thick granite slab of approved quality (Jet Black/ as per bank instruction) on staircase step treads and risers with necessary joint filling and backing material. The edge shall be moulded and machine polished with anti skid Strip. Rate shall be inclusive of providing 25mm wide antiskid strip on tread parallel to the length of the tread and bull nosing the edge.	SQFT	20.00		
<b>10</b>	<b>PLASTIC EMULSION</b>				
	Providing & applying plastic emulsion paint on walls, columns & ceilings. The rate shall include scrapping, levelling & preparing the surface. Primer coat + (minimum) 3 coats to get evenly spread quality finish (roller finish) of approved make, quality & finish shall be provided.	SQM	350.00		
<b>11</b>	<b>SYNTHETIC ENAMEL PAINTING:</b>				
	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	SQM	42.50		
<b>12</b>	Providing and fixing ISI marked flush doors as per approved size . The door shutter conforming to IS : 2202 ( PART 1 ) non - decorative type, core of block board construction with frame of 1 st class hard wood and well matched with laminate finish on front faces of shutter and back side with paint . The edges finished with steam beach lipping with Laquire polish. The item includes angle frame of 40 x 40 x 5mm with hold fast and including necessary fitting and fixture.Rate shall include approved ( by bank ) door closure, door stopper, door locks, a pair of handles 9" SS Brushed finished, 5" hinges 4 Nos., buffers, tower bolts, etc with necessary hardware items and with out door frames as mentioned above.	SFT	30.00		
<b>13</b>	<b>SS RAILING FOR STAIRCASE WITH SUPPORTS ON EACH STEP</b>				
	Providing and fixing stainless steel railing (height of 900mm) of GRADE 304, GAUGE 16 using pipe section 76mm dia for top railing and vertical supports at ends and with 20mm dia SS pipes fixed to alternate tread using base plate of thickness 8mm (balustrades), and 2 Nos horizontals of 12mm dia for interconnecting the vertical supports fixed as directed by Bank / Architect with necessary fixtures fittings, collars, rings strips etc. complete. All ends to be provided with SS end caps.	R.FT.	0.00		
<b>14</b>	Dismantling and reinstalation of ups chowket and door at new record room. The item includes fixing of item as per the the instruction of Bank engineer in charge.	NO.	1.00		
<b>15</b>	Dismantling average 6"-9" RCC / Brick wall, kota stone flooring, mosaic in floor or concrete member using necessary machinery in a manner which facilitates easy laying of new flooring / modification as per design with undue extra expense. The rate shall include removal of debris from site. ( If the thickness is less, then the cost to be arrived at proportionately as per confirmation from Architect). (Driveway / Front Area)	NO.	1.00		

**CIVIL WORKS FOR WASHROOMS & VITRIFIED FLOORING AT BANKING HALL**

<b>B</b>	<b>CIVIL WORKS</b>				
16.1	<b>VITRIFIED FLOOR TILES</b>				

	Providing and fixing VITRIFIED Tiles of approved make, shade and pattern as shown in the drwng. / as aproved by Bank/ Architect. In CM 1:4 in proper line and level with out spacers for maintaining the grid lines. Rate shall be inclusive of providing and laying necessary <b>PCC and Cement Mortar for a thickness of 3"</b> and joint filling compound of the same shade of the tiles and including pop covering on the new flooring for the protection of tiles with base covering plastic.				
	NOTE: Recessed floor for 3M floor mat (of size 4' x 2' x 12mm) should be made at the entrance.				
	32" x32" Vitrified tiles.	<b>Sq.Ft.</b>	<b>2250.00</b>		
<b>16.2</b>	<b>Ceramic Tiles</b>				
	Providing & fixing 1st quality glazed <b>ceramic glazed wall tiles</b> 12"x18" size as approved by Architect/ Bank's Engineer, of approved shade & pattern (KAJARIA/ JOHNSON/ NITCO), fixed with Cement plaster 1:4 (1cement: 4 fine sand) & neat cement as per specifications, including dismantling existing tiles/ dado/ plaster & disposal of malba from site, laying 12mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand) copmplete, including all types of leads/ lift, scaffolding, pads, racking joints, filling of joints with white cement grout, curing, etc. complete.	<b>Sq.Ft.</b>	<b>679.00</b>		
<b>16.3</b>	Providing and laying <b>Anti- skid ceramic floor tiles, of 12"x12" or 16"x16"</b> size (KAJARIA/ JOHNSON/ NITCO), shade & pattern as directed by Bank's Engineer/ Architect, as per design pattern on floor with chemical or adhesive/ cement as directed and joints to be filled with grout of approved colour, including dismantling existing floor tiles and disposal of malba from site, filling depressions in floor, cutting wooden/ aluminum doors to match new floor level, preparing of surface, dismantling of tiles & disposal of malba from site.	<b>Sq.Ft.</b>	<b>235.00</b>		
<b>17</b>	<b>Dismantling Work</b>				
<b>i)</b>	Dismantling brickwall of existing safe room/ concrete flooring & disposal of malba from site, including dismantling door and window frames, i/c hold fasts, stacking at site, repairs of damaged walls with cement mortar/ plaster, stacking useful bricks/ bats, etc. complete in all respects. <b>Rates include supporting RCC slab with scaffolding, ballies etc, if required, during making door opening or removing wall;</b> dismantling sanitary/ plumbing fixtures & stacking the same.	<b>Sqft.</b>	<b>0.00</b>		
<b>ii)</b>	Dismantling & removing of existing vitrified flooring, ceramic flooring & ceramic wall tile & False ceiling etc developing even surafce to layout new flooring as per Architect's instruction, cleaning and clearing the debris to muncipal dumping grounds.	<b>Sq.Ft.</b>	<b>914.00</b>		
<b>iii)</b>	SANITARY FIXTURES - Dismantling of wall tiles, with rough plaster, existing plumbing fittings & fixture 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.	<b>JOB</b>	<b>1.00</b>		
<b>iv)</b>	Removing existing malba / debris not needed by client to be removed and dumped to authorized municipal dumping ground or as directed i/c all leads & lifts.	<b>JOB</b>	<b>1.00</b>		
<b>v)</b>	Dismantling and removing doors and ventilator wherever required in a manner which facilitates easy fixing of new doors and windows without undue expense. the rate shall include removal of debris from site.	<b>NOS.</b>	<b>1.00</b>		
<b>vi)</b>	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	<b>Sq.Ft.</b>	<b>1.00</b>		
<b>18</b>	<b>BRICK WORK</b>				
	Providing & laying 9" brick wall with brick class designated 75 in cement mortar 1:4 (1 cement: 4 coarse sand), including all types of leads/ lift, scaffolding, pads, racking joints, curing, cutting concrete floor before starting work, complete in all respect. In case of half brick wall, MS reinforcement as per CPWD specifications to be provided, i.e. 2 nos. 6mm dia TOR steel bars will be provided at every third course, for which no extra payment will be made.	<b>Sft</b>	<b>0.00</b>		
	Providing & laying 4' 6" brick wall with brick class designated 75 in cement mortar 1:4 (1 cement: 4 coarse sand), including all types of leads/ lift, scaffolding, pads, racking joints, curing, cutting concrete floor before starting work, complete in all respect. In case of half brick wall, MS reinforcement as per CPWD specifications to be provided, i.e. 2 nos. 6mm dia TOR steel bars will be provided at every third course, for which no extra payment will be made.	<b>Sft</b>	<b>0.00</b>		

19	Providing and laying in position <b>cement concrete 1:3:6</b> (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size), including the cost of centering and shuttering, curing etc, complete - All work up to plinth level.	Sft	60.00		
20	Providing and laying in position Mechanically mixed & placed with vibrator, <b>Reinforced Cement concrete 1:1.5:3</b> (1 cement: 1.5 coarse sand: 3 crushed stone aggregate 20mm & down) in foundation/beams/ columns/ roof/ shelves etc. at all heights, leads, lifts, including Centering & shuttering, scaffolding, propping etc, removal of form, cost of material, labour, curing etc complete. Rates for steel reinforcement will be paid separately.				
i)	In beams, kitchen shelves, platform for wash basin, lintel, roof slab & columns	Sft	0.00		
21	Providing and laying in position <b>TMT steel reinforcement</b> in RCC walls, foundation, roof, shelves, beams & columns, including straightening, cutting, bending, placing in position the steel bars, fixing with annealed wire, providing requisite concrete blocks for cover, providing necessary laps as per directions of the architect/ Bank engineer, etc. complete. <b>Laps will not be measured &amp; paid and no wastage will be paid.</b>	kg.	0.00		
22	Providing & laying <b>Cement plaster 1:4</b> (1cement: 4 fine sand) on brick walls, shelves, ceiling etc, including all types of leads/ lift, scaffolding, pads, racking joints, curing, etc. complete.				
i)	12 to 15mm thick Cement plaster 1:4	Sft	1250.00		
23	<b>PAINTING</b>				
i)	Applying three or more coats of <b>Acrylic Emulsion Paint</b> (ASIAN/ NEROLAC) of approved shade including making of ground, rubbing, filling of putty base preparation with BIRLA/ JK Putty, applying a coat of cement primer, complete. In case where the surface has been earlier white/colour washed, the old white/colour wash shall be entirely removed and surface broomed/scrapped down before preparing the surface for applying paint as described above. Rates include cleaning of splashes, stains on floor, window panes etc and scaffolding, if required and for all heights.	Sft	0.00		
ii)	Applying 2 or more coats of <b>enamel paint</b> (NEROLAC/ ASIAN) on wooden/ steel doors & windows to give even & uniform surface.	Sft	0.00		
iii)	Applying three or more coats of <b>Exterior emulsion paint</b> (ASIAN/ NEROLAC) of approved shade including making of ground, rubbing and scrapping old surface with sand paper/ steel wire brush, filling of putty for base preparation, applying coat of cement primer, etc. complete in all respect.	Sft	0.00		
24	Providing & fixing UPVC soil, waste, vent pipework comprising UPVC pipe conforming to IS :4985-1983 and of required class as specified below and fittings (moulded as well as fabricated) like elbows, bends, reducers, threaded tail pieces, caps and other specials. jointing with cement solvent, chasing, cutting and making good the walls, complete in all respects including testing of complete installation.				
i)	75 mm dia	Rft	30.00		
ii)	100mm dia	Rft	50.00		
25	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) Pipes, having thermal stability for hot & Cold water supply, including all CPVC plain & brass threaded fitting i/n fixing the pipe with clamps at 1.00 M spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting and making good the same including testing of joints complete as per direction of Engineer in Charge. (CONCEALED WORK: including cutting chases and making good the same walls etc. complete				
	15.00 mm nominal outer dia.	Rft	30.00		
	20.00 mm nominal outer dia	Rft	0.00		
	32.00 mm nominal outer dia	Rft	0.00		
26	Providing & fixing 1st quality vitrous china white coloured floor mounted <b>European Water Closet</b> (JAQUAR- CNS-WHT- 553SN) with 13 litre vitrous china white coloured Cistern with fittings, syphone etc and mounted on MS brackets, CP overflow with mosquito proof coupling, with black seat cover & lid, CP brass hinges, CP bend, WC fixed with brass screws, including connecting with existing CI pipe with CI/ PVC pipe, cutting & making good floor/ walls, wherever rquired, including dismantling existing fixtures & stacking the material at site, complete in all respect.	nos.	3.00		

27	Providing & fixing 1st quality vitrous china white coloured flat back - Large <b>Urinal</b> 590x390mm (HINDWARE Cat 60002) with white glazed vitrous china automatic flushing Cistern, connecting CP brass pipes/ spreaders, CP waste and 40mm GI waste pipe from bottle trap to urinal trap in floor, removing & stacking existing fixtures, cutting & making good floor/ walls, wherever required, including dismantling existing fixtures & stacking the material at site, complete in all respect.	nos.	0.00		
28	<b>WASH BASIN</b>				
i)	Providing & fixing 1st quality vitrous china white coloured <b>Over counter Wash basin</b> 59x42x19.5 cm size (HINDWARE- TULIP Cat. no. 10071/ MAGNA Cat no. 10071), 32mm CP waste, CP bottle trap, CP brass chain & rubber plug, fixing wash basin on granite top of 3'x2' size or as instructed; granite top to be fixed on top of RCC shelf 3" thick, including reinforcement steel, shuttering, scaffoldings, props, curing etc, complete, cutting & making good RCC shelf/ floor/ walls, wherever required, complete in all respect.	nos.	3.00		
ii)	Providing & fixing 15mm dia CP short body <b>Bibcock</b> (JAQUAR OPAL- Cat no. 15037 ), with CP wall flange, complete.	nos.	3.00		
iii)	Providing & fixing 15mm dia <b>CP Angle valve</b> (JAQUAR - Cat no. OPAL- Cat no. 15053), with CP wall flange, complete.	nos.	8.00		
iv)	Providing & fixing 15mm dia <b>CP Pillar cock</b> (JAQUAR OPAL- Cat no. 15001), complete.	nos.	0.00		
v)	i) Providing & fixing <b>CP Health Faucet ABS (JAQUAR- ALD-769L250X190)</b> , with 120cm SS flexible tube (VIKING) & ABS wall hook, complete.	nos.	3.00		
	ii) Providing & fixing 15mm dia <b>CP Water jet</b> for WC with connecting CP pipe, complete in all respect.	nos.	3.00		
vi)	Providing & fixing 15mm dia <b>CP Concealed stop cock</b> (JAQUAR OPAL - Cat no. CON-083FTK), with CP wall flange, complete.	nos.	1.00		
vii)	Providing & fixing <b>CP jali</b> (heavy duty) with CP outer ring, complete.	nos.	6.00		
viii)	Providing & fixing <b>CP Towel rod(JAQUAR )</b> - 24" long, heavy duty, complete.	nos.	3.00		
ix)	Providing & fixing <b>CP liquid soap container</b> (JAQUAR ), complete.	nos.	3.00		
x)	Providing & fixing stainless steel <b>Toilet paper holder(JAQUAR )</b> .	nos.	3.00		
xi)	Providing & fixing <b>Bottle Trap</b> 32mm with 250mm & 190mm long wall connection pipes & wall flange, complete(JAQUAR- OPAL Cat: ALD-769L250X190)	nos.	3.00		
xii)	Providing & fixing 600x450 mm or as directed, beveled edge <b>mirror</b> 5.5 mm superior glass (ATUL/ SAINT GOBBIN) complete with 6 mm thick hard board ground fixed to wooden cleats & CP brass screws, washers & clips etc. complete.	Sft	9.00		
29	<b>PANTRY PLATFORM IN JET BLACK (WITH SINK &amp; COCK)</b>	RFT	0.00		
	Providing and laying <b>platform of 2'-0" width</b> (clear) and at 2'-8" height (top) above FFL of approved 20 mm thick granite with bull nosed edges. It shall be supported on RCC slab with vertical brick wall supports. A 2" granite fascia should be provided below the bull nosed edge of granite platform. Rate shall be inclusive of making cutouts and polishing the edges for 18 " x 18 " S. S. Nirali sink without drain board (medium) or equivalent make). A flexible pipe from sink to the nahni trap shall be provided. Rate shall also include one jaguar continental C P SWAN NECK TAP with swinging casted spout (no. 347).				
30	Providing and laying in position 4" heavy duty PVC pipe, including bends and connecting the pipe with existing sewer/ man hole. Rates include excavating earth, dismantling cement concrete floor, laying pipe, re-filling earth, repairing concrete flooring & disposal of malba from site, complete.	Rft	10.00		
31	<b>Providing and fixing Isolated flush door shutter (Partly Glazed and Partly Laminate) with frame as follows</b>	Sft	95.00		
	Providing and fixing 4"x2" steam beach member for frame and Flush door shutter made out of 31 mm thick flush door with 6 mm thick clear float glass vision panel secured with 12 mm thick steam beach beading, 31x 12 mm thick steam beach periphery patti around shutter edges, 1 mm thick laminate on both sides, 35x12mm thick steam beach stopper patti on frame including 3 Nos 5" long SS hinges with countersunk SS screws, Approved make Ded Lock, S.S Handles,150 mm long Door stoppers, doorstop of approved make etc. all exposed surface /edges not laminated be provided with lacquer polish complete as per drawing & instructions				
32	<b>WATER PROOFING IN TOILET</b>				
	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying :	Sft	60.00		

	(a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours.				
	(b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours.				
	(The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.)				
<b>A</b>	<b>TOTAL FOR CIVIL WORKS (EXCLUDING GST)</b>				
	<b>Discount If any (Only on Excluding GST amount only)</b>				
	<b>Net Amount (After Discount if any - Excluding GST) (Discount if any shall be given on Amount in Sub part (A -Excluding GST) Not on sub part (C)).</b>				
	<b>GST as extra as applicable (For Civil works)-By Bank</b>				
<b>B</b>	<b>Buyback Amount for Old/Unused Items (Credit to Bank) (EXCLUDING GST)</b>				
	The work includes giving credit to Bank towards the existing items after carefully dismantalling and thereafter disposal of the same from the Branch site. No additional amount shall to paid for dismantalling, transportation, etc. works.				
	<b>GST as extra as applicable (For Buy back) - By Vendor</b>				
<b>C</b>	<b>GRAND TOTAL {Furnishing Work Amount less Buyback Amount} [A - B] (EXCLUDING GST)</b>				
	<b>GST as extra as applicable</b>				
	PLACE:		<b>SEAL AND SIGNATURE OF THE CONTRACTOR WITH ADDRESS</b>		
	DATE:				