

<u>N.O.W. - FURNISHING OF STATE BANK OF INDIA</u>						
<u>DHARAMKOT BRANCH</u>						
<u>PRICE BID FOR THE CIVIL WORKS.</u>						
S.No.	DSR REF.	Item	Quantity	Units	Rate	Amount
1		<u>VITRIFIED TILE FLOORING 600MM X 1200MM</u>				
	11.41	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm with 3mm thick groves all around including grouting the joints with epoxy of matching pigments etc., complete. (Italian Marble Shade Digital Tiles from Johnson and Johnson, Kajaria, Somany etc)	235.13	SQM		
	11.41.2	Size 600mm x 1200mm				
		MAKES:				
		VITRIFIED TILES: KAJARIA, JOHNSON AND JOHNSON, ORIENT AND EQUIVALENT.				
		CEMENT: ULTRATECH/ACC/AMBUJA				
2		<u>VITRIFIED TILE FLOORING 400MM X 400MM</u>				
	11.41	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. (PAVER ANTISKID ROUGH TEXTURE 12MM THICK Tiles from Johnson and Johnson, Kajaria, Somany etc)	32.71	SQM		
	11.41.2	Size 400mm x 400mm				
		MAKES:				
		VITRIFIED TILES: KAJARIA, JOHNSON AND JOHNSON, ORIENT AND EQUIVALENT.				
		CEMENT: ULTRATECH/ACC/AMBUJA				
3		<u>EXCAVATION</u>				

	2.6	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in charge.				
	2.6.1	All kinds of soil	20.68	CUM		
4		<u>HALF BRICK MASONARY</u>				
	6.12	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure :				
	6.12.2	cement mortar 1:4 (1 cement : 4 coarse sand)	38.62	SQ.M		
		MAKES:				
		BRICKS: FIRST CLASS BRICKS				
		CEMENT: ULTRATECH/ACC/AMBUJA				
5		<u>FULL BRICK MASONARY</u>				
	6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in FOUNDATIONS BELOW plinth(including the cost of back-filling as required) in all shapes and sizes in :				
	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	9.36	cu.m		
		MAKES:				
		BRICKS: FIRST CLASS BRICKS				
		CEMENT: ULTRATECH/ACC/AMBUJA				
6		<u>FULL BRICK MASONARY</u>				
	6.4	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 and in foundations (including the cost of back-filling as required) in all shapes and sizes in :				
	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	14.33	cu.m		
		MAKES:				
		BRICKS: FIRST CLASS BRICKS				
		CEMENT: ULTRATECH/ACC/AMBUJA				
7		<u>PLASTERING</u>				
	13.1	12 mm cement plaster of mix :				
	13.1.1	1:4 (1 cement: 4 fine sand)	101.29	SQ.M		
		MAKES:				
		CEMENT: ULTRATECH/ACC/AMBUJA				

8	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
	13.2.1	1:4 (1 cement: 4 fine sand)	101.29	SQ.M		
		MAKES:				
		CEMENT: ULTRATECH/ACC/AMBUJA				
9		WALL/FLOOR TILES				
	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as 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) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete. SIZE 1'0" X 2'0"	66.50	SQ.M		
		MAKES:				
		VITRIFIED TILES: KAJARIA, JOHNSON AND JOHNSON, ORIENT AND EQUIVALENT.				
		CEMENT: ULTRATECH/ACC/AMBUJA				
10	11.37	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	12.64	SQM		
		MAKES:				
		VITRIFIED TILES: KAJARIA, JOHNSON AND JOHNSON, ORIENT AND EQUIVALENT.				
		CEMENT: ULTRATECH/ACC/AMBUJA				
11		PUBLIC HEALTH				
	17.78	Providing and fixing white vitreous china single body (cistern and seat attached) with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.	3.00	NO.		
		MAKES:				
		WC : KEROVIT/HINDWARE/CERA				
		KEROVIT KUPA- KS709				

12	NS	Providing and fixing UPVC pipes 6kg pressure for soil and waste water pipes with required specials like bends/tees/union etc. Including making the base and covering the same with cement concrete 1:3:6 as per the direction of the engineer-in-charge.				
		75mm dia pipes	27.44	M		
		MAKES:				
		UPVC PIPES : SUPREME/ASTRAL/PRINCE OR EQUIVALENT				
13	NS	100mm dia pipes	39.63	M		
		MAKES:				
		UPVC PIPES : SUPREME/ASTRAL/PRINCE OR EQUIVALENT				
14	NS	Providing and fixing vitreous china wash basin with pedestal including the CP waste complete with required brackets/rawl plugs etc.	4.00	EACH		
		MAKES:				
		WC : KEROVIT/HINDWARE/CERA				
		KEROVIT CASINO- KS283				
15	17.28	Providing and fixing P.V.C. waste pipe for sink or wash basin including PVC. waste fittings complete.				
	17.28.1	Semi rigid pipe				
	17.28.1.1	32 mm dia	5.00	EACH		
16	18.11	Providing & Fixing CPVC pipes complete with fittings and clamps including making good the walls etc. concealed pipe including jointing with the chemical/adhesive, cutting chases and making good the wall:				
	18.11.1	20 mm dia nominal bore	57.93	RM		
		MAKES:				
		UPVC PIPES : SUPREME/ASTRAL/PRINCE OR EQUIVALENT				
17	18.11.2	25 mm dia nominal bore	39.63	RM		
		MAKES:				
		UPVC PIPES : SUPREME/ASTRAL/PRINCE OR EQUIVALENT				
18	18.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
	18.53.1	15 mm nominal bore	25.00	EACH		

		MAKES:				
		WC : KEROVIT/HINDWARE/JAQUAR OR EQUIVALENT				
		KEROVIT HYDRUS PLUS				
19	NS	Providing and fixing C. P. Brass Center Hole Mixture/ SINK MIXTURE of approved quality conforming to IS:8931	5.00	EACH		
		MAKES:				
		WC : KEROVIT/HINDWARE/JAQUAR OR EQUIVALENT				
		KEROVIT HYDRUS PLUS				
20	NS	Providing and fixing the CP Brass connections for the connections from angle valve to the wash basin mixture. The pipe shall have brass ends complete with rubber gaskets etc.	25.00	EACH		
21	NS	Providing and fixing 100mm dia. Floor traps complete with the CP. Brass grating both normal grating and grating below the wash basins with and hole for the waste pipe.	13.00	EACH		
		MAKES:				
		FLOOR TRAP : SUPREME/ASTRAL/PRINCE OR EQUIVALENT				
		JALI: 304A STAINLESS STEEL				
22	NS	providing and fixing of complete CP brass accessories set for toilets (towel rail, hand towel rail, paper holder, tooth paste stand, soap dishes for wb's and bathing area etc) as per the direction of the Architect.	4.00	EACH		
23	NS	Providing and fixing the CP brass hand Jet for ablution complete with the PVC connection etc.	4.00	EACH		
		MAKES:				
		WC : KEROVIT/HINDWARE/JAQUAR OR EQUIVALENT				
24	18.5	Providing and fixing C.P. brass bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.				
	18.50.1	15 mm nominal bore	4.00	EACH		
		MAKES:				
		WC : KEROVIT/HINDWARE/JAQUAR OR EQUIVALENT				
		KEROVIT HYDRUS PLUS				

25		Providing and fixing urinal in the Gent's toilet with complete fittings and hardware. The cost shall include providing and fixing of one ceramic partition also. (of approved make)	1.00	EACH		
		MAKES:				
		WC : KEROVIT/HINDWARE/CERA				
		KEROVIT ARUSA- KO512W				
26	NS	Providing and fixing handmade stainless steel sink with sink mixture and all accessories including the cost of cutting of the granite/slab/tiles. Single Bowl 230 mm deep.	1.00	EACH		
		MAKES:				
		SINK: NIRALI, KOHLER, AMERICAN STANDARD				
		NIRALI ELOR SMALL				
27	NS	Providing and fixing Black Granite for the counters/outer verandahs /floorintg/skirting etc including the cost of providing single moulding and polishing the same. The cost shall also include the cost of making the sub-base and fixing the granite with neat cement slurry and filling the joints with grout of desired shade as per the direction of the Engineer-in-charge.	19.52	SQ.M		
28	4.1.5	PCC 1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)	50.52	CU.M		
29	NS	Providing and laying RCC lintel for the doors of 150mm x 150mm in RCC with mix 1:1.5:3 (one cement: 1.5 sand: 3 aggregate) including cost of 4-12mm dia bars and rings of 8mm dia placed @ 5"c/c. The work shall include the cost of required shuttering or any other sundries.	3.20	RM		
30	NS	Providing and laying RCC lintel for the doors of 230mm x 230mm in RCC with mix 1:1.5:3 (one cement: 1.5 sand: 3 aggregate) including cost of 6-12mm dia bars and rings of 8mm dia placed @ 5"c/c. The work shall include the cost of required shuttering or any other sundries.	5.18	RM		

31	NS	Dismantling the existing walls/rcc/floor/ and other civil items etc. complete, providing the required supports in terms of steel girders/rcc beams and making good the surfaces damaged or as per the direction of the engineer-in-charge. The work shall also include removal of the same to an appropriate location as permissible to the local authorities or as per the direction of the Engineer in-charge. (Note: The amount is expected after deduction of amount to be deducted for the buyback of the existing CIVIL ITEMS)	1.00	LS		
32	NS	<u>Plastic Emulsion paint</u> Providing and applying Plastic Emulsion paint three coats to give an even shade after preparation of surface for painting by scrapping etc. & filling including applying 2 coat of P.O.P to give a smooth surface, complete in all respects (Colour to approval) applicable to old or new.	250.00	SQ.M		
		MAKES:				
		PAINTS : ASIAN/NEROLAC/DULUX/BERGER				
33	NS	<u>External Emulsion paint</u> Providing and applying External Emulsion paint three coats to give an even shade after preparation of surface for painting by scrapping etc. & filling including one primer coat, complete in all respects (Colour to approval) applicable to old or new.	200.00	SQ.M		
		MAKES:				
		PAINTS : ASIAN/NEROLAC/DULUX/BERGER				
34	NS	<u>ENAMEL PAINT</u> Providing and applying Enamel paint three coats to give an even shade after preparation of surface for painting by scrapping etc. & filling including one primer coat, complete in all respects (Colour to approval) applicable to old or new.	130.00	SQ.M		
		MAKES:				
		PAINTS : ASIAN/NEROLAC/DULUX/BERGER				
35		<u>DAMP PROOF COURSE</u> Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 12.5mm nominal size derived from natural sources)	6.97	SQM		
		PAVER BLOCKS				

36	16.68	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	92.94	SQ.M		
37	NS	Providing and laying RCC slab with mix 1:1.5:3 (one cement: 1.5 sand: 3 aggregate) for the Kitchen Platform 3" thick including the cost of shuttering AND reinforcement and any other sundries required. The work shall also include keeping the provisions for the sink as per the required size	22.30	SQ.M		
		The steel reinforcement shall be 10mm dia bars @ 5"c/c bothways.				
38	9.48	Providing and fixing M.S. grills/grill gate/shutter made of required pattern in frames of windows/openings etc. with M.S. flats, square or round bars, MS Sheets etc. complete with locking arrangement as per the direction of the engineer-in-charge including enamel finished coats over approved steel primer complete.	5.50	SQ.M		
	1	The Grills for the windows shall have 12mm square bars placed @ 75mm c/c bothways and fixed to MS Flat of 50mm x 4mm frame.				
	2a	Rolling shutter can be hand operated or gear operated. Hand operated shutters are of push and pull type. Gear operated shutters are provided with reduction gear operated by mechanical device with chain, crank, shaft and handle. The shutter consist of 80 mm wide MS laths 1.25 mm thick or gauge as specified of mild steel sheet machine rolled. Laths are interlocked together throughout its entire length and jointed together at the end with end locks. These are mounted on specially designed pine shaft.				
	b	Cold Rolled Steel Strips used for rolling shutter lath sections shall conform to temper No. 5, Dead soft quality of IS:4030.				

	c	GI Sheets and Plates used for manufacturing the guide channels, brackets and lock plate should be of hot rolled steel of thickness not less than 18 gauge conforming to IS:5986. These shall be free from surface defects and the edges shall be cleanly sheared. All components of rolling shutter to be hot dip galvanised with a zinc coating containing not less than 97.5% pure zinc. The minimum weight of zinc coating to be 230 g/sq.m.. The coating shall be free from flaking/peeling.				
	d	GI Pipes used for the suspension shaft of the roller should be heavy duty pipe suitable for mechanical purposes and shall conform to IS:1161.				
	e	Cast Iron Castings used for roller pulley wheels, U-clamps shall conform to Grade 15 of IS:210. These should be free of blow holes, surface defects such as cracks, burrs etc.				
	d	<p>The springs used in the roller for counter balancing the rolling shutter should be made either from high tensile spring steel wire or flat spring steel strip. The spring steel wire used or helical spring should conform to Grade 2 of IS:4454. Flat spring steel strip used for spiral spring shall be from 0.8 to 1.0 percent carbon steel strip especially hardened and tempered.</p> <p>Both the side guides and bottom rails are jointless and of single piece of pressed steel of minimum 16 gauge thickness. The top cover of shaft, spring etc. should be of the same materials as that of lath.Hood, brackets etc. are required to cover the shaft etc. The reduction gear arrangement operated by the mechanical device should be of the best quality and easy in operation.</p>				
	3a	The collapsible Grill gate shall be as per IS : 10521- 1983				
	1	Vertical Channels - These shall be hot rolled medium channels of at least 18 x 9 x 3 mm and shall be of weldable quality mild steel conforming				
	2	Crossings or Lacings - These shall be flats of mild steel of at least 18 X 5 mm				
	3	Top and Bottom Runner - Tees or 'E's used for bottom runner shall have minimum web of 40 X 12 mm and flange of 40 x 6 mm, and the flats used for top runner shall be of minimum size 40 x 12 mm.				
	4	Roller Wheels - These shall be of grey iron castings conforming to grade FG 150				
	5	Spacer or Sockets - These shall be of cast aluminium				
	6	Rivets - These shall not be less than 6 mm diameter, snap headed				

		Total Value of Works				