

SBI LHO BANGALURU					
TENDER BOQ FOR CIVIL & RENOVATION WORK					
PROPOSED CIVIL & RENOVATION FOR STATE BANK OF INDIA, STRESSED ASSET RECOVERY BRANCH (SARB), LC ROAD, BENGALURU					
S.No.	Item Description	Qty.	Unit.	Rate.	Amount.
CIVIL & RENOVATION:					
	Mode of Measurements: Area of exposed and finished surfaces will be measured.				
1	Dismantling Works Dismantling of old Asbestos roof / Plastering/ flooring/ dado/ Glass/ wooden partitions/ and shifting to a suitable place as per the instruction of the branch including shifting charges outside branch premises etc. The cost shall include removal/ dismantling etc. of existing wall tiles, dressing/ chiselling/ finishing/ replastering etc. for levelling or surface preparation purposes to achieve smooth, leveled surface suitable for tiling. Disposal of dismantled/ chiseled tiles and all related debris shall be borne by the contractor outside compound as per Municipal norms. The cost shall also include safely chiselling out remains of tiles from the wall surface without damaging existing pipelines, conduits, cables, wires, switchboards or any such item concealed inside the wall below the tiles., safe handling and removal of debris to a safe distance as directed by the Architect / Bank's Engineer.				
	The work shall be done with utmost care to avoid any structural or physical damage to the existing electrical wiring, plumbing works, doors, ventilators, exhaust fans etc. complete. as per the instruction given by the Bank Engineer.				
1.1	Dismantling existing Asbestos Roof sheet and supporting rafters / purlins, etc.	193.00	sqm		
1.2	Breaking loose flooring and dado tiles in toilets	41.00	sqm		
1.3	Chipping off existing loose, disintegrated plaster	50.00	sqm		
2	MS Tubular Truss with Insulated sandwich panel 50mm thick as per the below details.				

S.No.	Item Description	Qty.	Unit.	Rate.	Amount.
2.1	<p>MS Tubular Truss Fabricating, providing and fixing in position Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying 2 or more coats of approved synthetic enamel paint over a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete, as directed by the Architect / Bank's Engineer. Note: MS Truss, purlins, baseplates and foundation bolts shall be measured and paid in Kg.</p>	5,000	kg		
2.2	<p>Supplying and fixing in position as per design and drawings factory insulated sandwich panel 50mm thick for roofing and cladding (Gable ends), with facings made up of pre-painted galvalume, not less than 0.45 mm thick on top and 0.40 mm on the bottom with min 550 Mpa yield strength. The core material shall be made up of rigid polyurethane foam (PUF) conforming to IS 12436 and of density around $40 \pm 2 \text{ kg/m}^3$ fixed with self tapping screws including necessary trims, supplementary fittings, joint fillers, joint laps, making provision for accessories, necessary cutouts/openings, supports for joinery as required etc., all complete as per manufacturer's specification and as directed by the Architect / Bank's Engineer.</p>	330.00	sqm		
	<p>Note : (i) The quoted rate shall be inclusive of overlaps and wastages. (ii) A performance guarantee bond for 5 years for leak proof roofing shall be given by the contractor on non-judicial stamp paper of Rs.200/-. The 10% of completed value of this item shall be deducted as defect liability deposit and the same shall be returned after successful completion of 6 years from the date of completion of contract / project as a whole.</p>				
2.3	<p>Supplying and fixing in position 2mm GI Gutter with 6mm strap to hold gutter as required etc., all complete as per manufacturer's specification and as directed by the Architect / Bank's Engineer.</p>	150.00	metre		

S.No.	Item Description	Qty.	Unit.	Rate.	Amount.
3	<p>Reinforced Cement Concrete (RCC) Providing and laying in position mechanically mixed Reinforced Cement Concrete (RCC) 1:1½:3 using 20 mm nominal size and downgrade metal of specified grade in Super Structure (Excluding reinforcement) at all levels and height for various RCC structural elements in any shape and design as per structural drawings and as directed including transporting (manually / mechanically), laying, compacting and finishing the surface in line, level and plumb as required and cost of curing etc. complete. The Rate to include cost of required formwork , centring, shuttering, complete in all respects and execution of work at all heights and location with required lead and lifts complete as directed by Architect / Bank's Engineer.</p>	8.00	cum		
4	<p>Steel reinforcement Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level (Upto Floor Five level). Thermo-Mechanically Treated bars of grade Fe-500 D or more.</p>	726.00	Kg		
5	<p>Autoclaved Aerated Cement Blocks Providing and laying autoclaved aerated cement blocks masonry with 100mm thick AAC blocks in super structure above plinth level up to floor V level in cement mortar 1:4 (1 cement : 4 coarse sand) The rate includes providing and placing in position 2 Nos. 6 mm dia M.S. bars at every third course of masonry work.</p>	62.00	sqm		
6	<p>Internal Wall Plaster Providing and applying in position average 12/15mm thick smooth finish cement Plaster in cement mortar 1:5 to all internal walls, using approved quality M sand / P sand (Fine or Coarse as directed) and adding polypropylene fibre of approved quality in desired quantity per bag of cement as per manufacturers specifications complete. Rate includes providing chicken mesh to all joints of RCC members with Brick walls in all positions in proper line, level and plumb at all levels and heights with necessary scaffolding, cleaning of surfaces, raking out joints, roughening of surfaces, curing etc complete as directed at site. Rate includes making Flush/raised/sunk or moulded bands of any width, recesses, making grooves etc. complete as per Architectural drawings and no extra payment shall be considered for the same.</p>	148.00	sqm		

S.No.	Item Description	Qty.	Unit.	Rate.	Amount.
7	<p>Birla Putty on Internal wall Providing and applying 2 or more coats of Birla putty on internal walls of average thickness of 3 to 4 mm in line and level including its rubbing with sand paper to ensure smooth and even surface including necessary scaffolding etc. complete. Make: Birla or approved equivalent make</p>	229.00	sqm		
8	<p>Painting work for Internal surface Providing and applying 2 or more coats of approved acrylic Emulsion paint with roller finish over a coat of primer on internal walls including necessary scaffolding etc. complete as per manufacturers' specifications.</p>	229.00	sqm		
9	<p>Acrylic Emulsion Paint on old surface Preparing earlier treated surface by scraping, rubbing with sand paper, applying two coats of Birla white putty wherever required, to level the surface, and its rubbing with sand paper, to ensure smooth surface, suitable to receive paint and then applying 2 or more coats of approved colour and shade of Acrylic Emulsion Paint with low VOC content over a coat of approved primer complete as per manufacturers' specifications to internal walls/ceiling including necessary scaffolding etc. complete.</p>	436.00	sqm		
10	<p>Vitrified Tile Flooring Providing and laying in-position Vitrified tiles in floor and skirting of approved make and colour uniformly in line, level and in approved design, including laying avg. 20 to 25 mm thick bed of CM 1:6 (1 cement : 6 coarse sand) and filling the joints with epoxy based joint filling compound of matching shade, curing the joints etc complete. Rates to include providing and fixing 100 mm high skirting as per drawing flushed with finished surface of wall in line and level and 6 mm wide groove to be made in wall at the junction of skirting and finished surface of wall etc. complete matching to flooring as per direction of Architect / Bank's Engineer.</p>	13.00	sqm		
	<p>Full body anti-skid/Matt finish Vitrified tiles Size of Tile 600 x 600 (10/12 mm thickness to be specified by the manufacturer) Basic Rate Rs 1200/- Make: Kajaria, Somany, RAK, Nitco</p>				

S.No.	Item Description	Qty.	Unit.	Rate.	Amount.
11	<p>Vitrified Tile Dado Providing and laying in position approved quality and shade Nano polish / Glossy / matt finish joint free / paper cut edges Vitrified tiles in Dado, above Kitchen Platform etc. using approved colour and shade including Digital Print as per sample approved by the Architect / Bank's Engineer. fixed over 15mm thick rough finished backing plaster in CM 1:4 fixed with approved quality tile adhesive of Bal Endura /Roff or equivalent approved make including filling joints using white cement/epoxy based joint filling compound with matching pigment including acid cleaning of tiles complete in all respect and at all heights, levels and locations. Rate includes cost of CM 1:4 backing plaster with waterproofing compound, chamfering of tiles at corners and execution of work all heights and locations including necessary scaffolding etc. complete.</p>	28.00	sqm		
	<p>Top layer Vitrified Wall Tiles of size 300 x 600 (thickness to be specified by the manufacturer) Basic Rate Rs 1200/- Make: Kajaria, Somany, RAK, Nitco</p>				
12	<p>MS Fabrication work Providing, Fabricating and fixing in-position MS Angle Doors/ window frames, MS Grilles to Windows/ openings, Balcony/ Parapet Railings, MS Gratings, Frames, Guard bars, Ladder, Brackets, Compound Gates, Compound wall Railings/Grilles and other similar MS Fabrication works at all heights and locations with necessary lifts and lead, loading/unloading etc. complete as per approved design made out of MS flats, Square bars, Round Bars, Angles, Tees etc and anchoring the same to walls, Floor, RCC slab etc. using Nut, bolts, holdfasts, Anchor Fasteners etc. as required including two coats of enamel paint over a coat of Zinc Oxide primer complete. Rates to include necessary hardware, cutting / chasing floor, wall carefully and repairing the same to its original position, scaffolding, pulleys, painting of repaired surface complete as directed at site by the Architect / Bank's Engineer.</p>	350.00	kg		
13	WATER SUPPLY				

S.No.	Item Description	Qty.	Unit.	Rate.	Amount.
13.1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c 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 chases and making good the same including testing of joints complete as per direction of Architect / Bank's Engineer. (Concealed work, including cutting chases and making good the walls)				
13.1.1	20 mm nominal dia Pipes	15.00	Metre		
13.2	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Architect / Bank's Engineer. (External work)				
13.2.1	20 mm nominal dia pipes	10.00	Metre		
13.2.2	25 mm nominal dia pipes	10.00	Metre		
13.3	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
13.3.1	25 mm nominal bore	2.00	Each		
13.4	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length				
13.4.1	15 mm nominal bore	2.00	Each		
13.5	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :				
13.5.1	15 mm nominal bore	2.00	Each		
14	SANITARY INSTALLATION				
14.1	Providing, fixing, testing and commissioning of glazed 50 % colour Vitreous China Wall Mounted Water Closet (Make: Jaquar Cat. No. KUS-WHT- 35953 BIUFSPMPM, Concealed Flush Tank (Make: Jaquar Cat. No. JCS-WHT-2400FP), Face Plate (Make: Jaquar Cat. No. JCP-CHR-852415) MS / CI chair brackets, fischer bolts with CP bolts / nuts and with concealed flush tank, solid plastic seat and lid with heavy duty CP hinges and rubber buffers and flap etc. and as directed by the Architect / Bank's Engineer.	2.00	Each		

S.No.	Item Description	Qty.	Unit.	Rate.	Amount.
14.2	Providing and fixing of glazed white vitreous china counter Top wash basin Size: 530x420x140 mm, Shape - Rectangular (Make: Jaquar Cat. No. JDS-WHM-25907N), Single Lever Basin Mixer (Make: Jaquar Cat. No. KUP-35011BPM), Angle Stope Cock (Make: Jaquar Cat. No. ALD-729), Waste coupling (Make: Jaquar Cat. No. ALD-729), Bottle Trap Pipe Connection (Make: Jaquar Cat. No. ALD-769L300x190) installed above granite/ marble/ wood with basin mixer. The works shall include cutting in walls and making good the walls & floors. and necessary consumables like brass screws, CP extension nipple of approved make, dia and length, wooden plugs, white cement, sealants etc., and as directed by the Architect / Bank's Engineer.	2.00	Each		
14.3	Providing and fixing of best quality stainless steel Kitchen sink with single bowl and drain board (Make: NIRALI Model Name: OLYMPIA), Single Lever Sink Mixer with Swinging Spout (Table Mounted) with 450mm Long Braided Hoses (Make: Jaquar Cat. No. OPP-15173BPM) 38mm dia CP waste couplings (Make: Jaquar Cat. No. ALD-729), 38mm dia bottle trap (Make: Jaquar Cat. No. ALD-769L300x190) etc complete. The working shall include fixing the sink in position setting in CM etc, complete and also cutting holes in wall and floors and making good the floor.and as directed by the Architect / Bank's Engineer.	1.00	Each		
14.4	Providing and fixing of CP health faucet (Make: Jaquar Cat. No. ALD-573) consisting of CP angle stop cock with wall flange (Make: Jaquar Cat. No. KUP-35053PM) PVC flexible tube Hand operated spray unit (instant type) and as directed by the Architect / Bank's Engineer.	2.00	Each		
14.5	URINALS WITHOUT SENSOR Providing and fixing white vitreous Flat Back Type Urinal of size 28 X 34 X 69 cm (minimum) including all fitting like suitable C.I. brackets with GI rag bolts, C.P. brass prismatic auto closing angle flush cock with wall flange along with connecting pipe and C.P brass spreaders, C.P. brass waste coupling, brass unions and GI clamps etc. all complete including cutting and making good the walls and floors wherever required as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Architect / Bank's Engineer.				

S.No.	Item Description	Qty.	Unit.	Rate.	Amount.
	Urinal: Hindware - Rhine 96008 / Jaquar - URS-WHT-132530 / Cera - Carvan - S4020105 or equivalent approved by SBI Flush Valve: Hindware - F310003ACP / Jaquar - PRS-077 / Cera - S4020105 or equivalent approved by SBI Waste Coupling: Hindware / Jaquar / Cera or equivalent approved by SBI Spreader: Hindware / Jaquar / Cera or equivalent approved by SBI	1.00	Each		
14.6	Providing and fixing of 600mm long 25mm dia CP brass superior quality towel rail and flange with concealed brass screws etc., (Make: Jaquar Cat. No. ACN-1111SM) including cutting & making good the walls, wooden plugs, white cement, sealants etc., Only drilling machines shall be used for making the holes in the walls for fixing, no wall jumper and hammer will be allowed.	2.00	Each		
14.7	Providing and fixing of CP brass 2way bib cock for Health faucet & Washing Mashine complete. (Make: Jaquar Cat. No. CON-041KN) or equivalent of approved brand and manufacture and as directed by the Architect / Bank's Engineer.	2.00	Each		
14.8	Providing and fixing Stainless Steel grating of approved quality and colour, rectangle type with openable circular lid 150 mm nominal size square, 100 mm diameter of inner hinged round grating.	3.00	Each		
14.9	Providing and fixing C.P. brass towel ring (Make: Jaquar Cat. No. ACN-1121BN) round with round flange of jaquar brand or equilant make of approved quality.	2.00	Each		
14.10	Collecting and fixing of 20mm dia CP concealed stop cock with wall flange (Make: Jaquar, Cat. No. CON-083FTX & ALD-089)	2.00	Each		
14.11	Providing, fixing, testing and commissioning of PVC normal floor trap of self cleansing design moulded or fabricated, if not available in size of self cleansing design with or without vent arm complete including cutting and making good the walls and floors.				
	110mm dia inlet 75mm dia outlet	3.00	Each		

S.No.	Item Description	Qty.	Unit.	Rate.	Amount.
14.12	Providing ,fixing, testing and commissioning of PVC soil, waste and vent pipe confirming to IS 13592 of SWR, including all fittings, like Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, jointing with rubber ring / solvent cement followed by application of leak proof adhesive like FRP paste, fixed to wall with properly fabricated MS bracket of suitable size, GI 'U' clamps with bolts, nuts and GI washers complete, for soil and waste pipe lines laid in vertical shafts (Type-A) as per the direction of Architect / Bank's Engineer.				
14.12.1	75 mm diameter	10.00	Metre		
14.12.2	110 mm diameter	10.00	Metre		
14.13	Providing, fixing, testing and commissioning of PVC soil, waste and vent pipe confirming to IS 13592 of SWR quality self fit type with socket and solvent cement joint including all fittings, like Bends, Tees, Elbows, Collars, junction, offsets, access pipes, jointing with solvent cement followed by application of leak proof adhesive like FRP paste & laid on floors inside the toilets to the required slope including making necessary bores in masonry walls as applicable, making good the bores with CM 1:3 or cement concrete 1:2:4 as applicable, curing etc., complete. (Type-B) as per the direction of Architect / Bank's Engineer.				
	The horizontal pipes running suspended in the ceiling level shall be to self fit type with solvent cement joint.				
	Note:				
	i) Including MS brackets fabricated out of L angle / flats, 6mm / 8mm GI 'U' clamps with GI washers and nuts, 12mm / 15 mm dia full threaded GI rods etc., complete.				
	ii) Including 12 mm / 15 mm dia full threaded GI rods with necessary washers and nuts etc., for supporting GI MS fire hydrant pipes running in fire duct / terrace Ground / basement floor ceiling level.				
	iii) Including 12 mm / 15 mm dia anchor fasteners for suspending GI rods / brackets etc.				
14.13.1	75 mm diameter	5.00	Metre		
14.13.2	110 mm diameter	5.00	Metre		

S.No.	Item Description	Qty.	Unit.	Rate.	Amount.
14.14	Providing and fixing PVC waste Drainage 10kg/cm ² pipe including all fittings, like Bends, Tees, Elbows, Collars, junction, offsets, access pipes, jointing with solvent cement followed by application of leak proof adhesive like FRP paste & laid on floors inside the toilets to the required slope including making necessary bores in masonry walls as applicable, making good the bores with CM 1:3 or cement concrete 1:2:4 as applicable, curing etc., complete as per the direction of Architect / Bank's Engineer.				
	40 mm dia	3.00	Metre		
14.15	Providing, fixing, testing and commissioning of PVC welded rain water head / khurras type grating with puddle flange to fix head in RCC slab specially fabricated from minimum 4mm thick PVC sheet, including removable heavy duty PVC grating of 50 x 3 mm thick PVC flats (Round or Square) as per approved design The quoted rate shall include for necessary grouting the khurras base with approved sealant complete all as shown in the drawing and as specified.				
	Notes: Rate Quoted shall be inclusive of cost of cement, sand and other consumables like hacksaw blade etc.				
	150 x 150mm PVC Grating	6.00	Each		
15	Kitchen / Pantry Platform Providing and fixing in position Kitchen platform/Vanity Counters with minimum 600mm width made as under: Vertical supports: Made out of 18 mm thick white marble slabs sandwich supports (two slabs joined together using Araldite adhesive to full surface area) placed at specified spacing as per detailed drawing and suitable to house modular kitchen under the counter Trolleys. Rate includes providing vertical granite band to vertical supports with moulded/polished edges.				
	Kitchen Counter Top: Finished with 18+/-2mm approved quality, Colour, shade and texture mirror polished Granite slab (minimum length of slab shall not be less than 1.80 Meter for Kitchen counter and one single piece for Vanity Counters for wash basin etc.) resting on 18mm thick granite <u>base</u> support slab (in one piece) and fixed with CM 1:2 or approved tile adhesive as directed at site.				
	Front Facia: 50 to 75mm wide Granite band in one piece not less than 1.80 RM in length for kitchen counter and required length in one piece for Vanity counters with full round moulded mirror polish edges complete as per Architectural working drawing.				

S.No.	Item Description	Qty.	Unit.	Rate.	Amount.
	Rate should include chasing walls, floors to embed vertical supports and counter top using CM 1:2 including making cutout for kitchen sink, under the counter wash basin, core cutting for pillar cock, bottle trap etc. complete as per directions and instructions of Architect / Bank's Engineer.				
	Basic rate of granite - Rs. 1,800 / Sqm				
	Kitchen / Pantry Platform	1.5	sqm		
	Vanity Counter for Washbasin	1.0	sqm		
	TOTAL (EXCLUDING GST)				