

<b>STATE BANK OF INDIA</b>		
<b>PROPOSED CONSTRUCTION OF COLLECTORATE BRANCH, MEGA CURRENCY CHEST FOR SBI AT</b>		
<b>SUMMARY</b>		
<b>NOS</b>	<b>DESCRIPTION</b>	<b>AMOUNT (RS)</b>
(A)	CIVIL WORK	-
(B)	PLUMBING & SANITARY INSTALLATION	-
(C)	SITE DEVELOPMENT	-
	TOTAL	-

<b>STATE BANK OF INDIA.</b>					
<b>SCHEDULE OF ITEMS-CIVIL WORK</b>					
<b>SCHEDULE OF ITEMS-CIVIL WORK</b>					
<b>Rates Excluding GST</b>					
No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
<b>A</b>	<b>CIVIL WORK</b>				
<b>1</b>	<b>Excavation</b> in all type of soil excluding hard rock using mechanically or manually and keeping excavated earth aside (except black cotton) for refilling and dewatering the pit if necessary ,after the foundation is done, including ramming, watering the pit and using the excess earth for levelling the ground, filling in plinth,etc. (Please note that black cotton soil will not be used for filling but shall be carried away by lift and lead as directed by local authority/ Architect). Rate includes labour cost for filling back surplus excavated approved earth in layers not exceeding 25 cm, watered and consolidated and spreading surplus material within the plot and carting away extra material out of site as directed at site.				
	(i) In all types of Soil including hard murrum with boulders (Excluding Hard Rock) Upto all depth.	Cum	2115.00		-
	(ii) In Hard Rock	Cum	20.00		-
<b>2</b>	<b>Filling in plinth</b> and site with approved quality <b>murrum</b> brought from out side (at Contractor's cost) in layers not exceeding 15 cm thick including watering and compaction complete as directed.	Cum	575.00		-
<b>3</b>	Providing and laying <b>230 mm thick hand packed Murrum boulder</b> (approved quality stones) soling in plinth & footing including filling the voids with approved quality murrum/hard soil including watering and compaction complete as directed at site.	Cum	121.00		-
<b>4</b>	Providing and laying, Levelling Course <b>P.C.C. 1:2:4</b> in plinth, coping, plinth protection etc including necessary shuttering, curing, vibrating, compacting etc, at all heights and locations. The P.C.C. may be casted in panels as desired by the Architect/ Consultant etc complete.				
	(i) In Plinth under Floor	Cum	81.00		
	(ii) In Coping, Plinth protection etc.	Cum	11.00		
		Total	92.00		-
<b>5</b>	Providing and laying, Levelling Course <b>P.C.C. 1:3:6</b> in foundation etc including necessary shuttering, curing, vibrating, compacting etc, at all heights and locations. The P.C.C. may be casted in panels as desired by the Architect/ Consultant etc complete.				
	Base of Footings & Septic Tank	Cum	78.00		-

6	Providing and laying cast-in-situ concrete of M25 grade (1:1:2) in Columns, Beams, Slab, lintles, staircase waist slab, canopies, encasing steel structure, chajjas, bands, purdies (staircase & chajjas drop purdies), fins, coping etc, at all heights including necessary shuttering, scaffolding, centering, propping, curing, vibrating and compacting etc complete., with naphthaline based plasticizers (Supercon-300) / PC based plasticizers of mentioned brands to achieve higher workability of not less than 1.5 hours in concrete.				
	(A) RCC in Footing	Cum	250.00		-
	(B) RCC in Columns at all heights and levels.	Cum	100.00		-
	(C) RCC in Beams at all heights	Cum	135.00		-
	(D) RCC in slabs at all Heights	Cum	210.00		-
	(E) RCC in Lintels and Chajja at all Heights	Cum	35.00		-
	(F) RCC Septic Tank	Cum	4.00		-
	(G) RCC Basement Walls	Cum	15.00		-
	(H) RCC Basement Driveway	Cum	30.00		-
7	Providing and laying Ready-mix concrete of M40 grade in all Slabs and Walls, encasing steel structure at all heights including necessary steel shuttering, scaffolding, centering, propping, curing, vibrating and compacting including adding with naphthaline based plasticizers (Supercon-300) / PC based plasticizers or equivalent to achieve higher workability of concrete and delaying the setting time of concrete, not less than 1.5 - 2 hours in concrete complete.				
	(Make: Krishna Conchem/ Sunanda/ BASF or equivalent)				
	RCC - Locker Room & Cash Deposit Vault	Cum	55.00		-
8	Providing and laying Ready-mix concrete of M60 grade for Currency Chest in all Slabs and Walls, encasing steel structure at all heights including necessary steel shuttering, scaffolding, centering, propping, curing, vibrating and compacting including adding with naphthaline based plasticizers (Supercon 300) / PC based plasticizers or equivalent to achieve higher workability of concrete and delaying the setting time of concrete, not less than 1.5 - 2 hours in concrete complete.				
	(Make: Krishna Conchem/ Sunanda/ BASF or equivalent)				
	RCC - Strong Room	Cum	319.00		-
9	Providing and laying tested quality TMT Bar reinforcement of Fe500 grade and approved company of desired size including transporting it on site, cutting it to size, bending, tying at all heights and in all positions, providing concrete covers as required at any height etc complete.				
	Make: TISCO/ SAIL/ RINL/ TATA Steel/ Jindal/ Monnet				

	(A) Upto Plinth	MT	29.00		
	(B) In Superstructure (at all levels and Height)	MT	123.00		
		Total	152.00		-
10	Providing and laying <b>one brick wall</b> with well burnt uniform size and colour locally available approved quality bricks, and joining them together with sand cement joints 1:5 of thickness not less than 12 mm thk, including curing, scaffolding, raking the joints at all levels complete.				
	(A) In Plinth	Cum	19.00		
	(B) In Superstructure	Cum	251.00		
		Total	270.00		-
11	Providing and erecting <b>Random Rubble Masonry</b> Retaining Walls in CM 1:5 as per drawing, with sand cement joints not less than 25mm thk, raised 25mm x 25 mm, including providing through stone at intervals not more than 1000 mm c/c both ways and marking them with colour for identification. providing 75/100 mm dia hume pipes for weep holes in single peice and covering its inner face with weld mesh of holes not more than 15 mm x 15 mm, and placing loose holes around it before consolidating, including shuttering, scaffolding, curing the joints etc complete.				
		Cum	20.00		-
12	Providing and laying <b>half brick wall</b> with well burnt uniform size and colour, locally available bricks as per sample approved and joining them together with sand cement joints 1:4 of thickness not less than 12 mm thk, including curing, scaffolding, raking the joints and providing 4' thick RCC stiffners (runner beam ) using 2 Nos 6 mm dia bars incased in CC 1:2:4 at approx every 1.00 m height intervals complete.				
		Sqm	530.00		-
13	Providing and laying <b>external sand cement plaster</b> of av 20 mm thk in two coats at all heights with first coat to be of approx 12mm thk in CM 1:5 sand (fine) cement mix, and the second coat to of approx 6mm thk in CM 1:4 sand (fine) cement mix, including necessary shuttering, scaffolding, curing and roughening the first coat to recieve second coat of plaster etc, providing approved water proofing compound approx 1kg to one bag of cement and adding polypropylene fibre of approved quality to prevent shrinkage cracks as per manufacturers specifications complete.				
		Sqm	1270.00		-
14	Providing and laying <b>internal sand cement plaster</b> av 12/15 mm thk in CM 1:5 sand (fine) cement mix on walls including necessary shuttering, scaffolding, curing etc. adding polypropylene fibre of approved quality in desired quantity per bag of cement as per manufacturers specifications complete.				
		Sqm	1953.00		-
15	Providing and laying av. <b>6mm thk CM 1:5</b> sand (fine) cement plaster on <b>ceiling</b> including necessary scaffolding, curing etc. complete.				
		Sqm	1280.00		-

16	Providing and laying <b>Vitrified tiles double charged full body, uniform colour/pattern</b> , of approximate size <b>600 x 600 mm</b> of approved make and colour, fixing the same in 1:6 cement sand mix, uniformly in line and level in approved design and filling the joints with white cement (adding coloured pigment if necessary) curing the joints etc complete. Rate to include use of approved spacers in tile flooring wherever directed at site. <b>Basic Rate - 65Rs./ Sft.</b>				
	<b>Make:</b> Kajaria/Somany/Nitco/H.R Johnson/Simpolo and as per sample approved by the SBIIMS	Sqm	410.00		-
17	Providing and laying <b>vitrified tile skirting 100 mm</b> high in vitrified tile of approved colour and make in 1:4 sand (fine) cement mix in level with the wall plaster complete. <b>Basic Rate - 65Rs./ Sft.</b>	Rmt	210.00		-
	<b>Make:</b> Kajaria/Somany/Nitco/H.R Johnson/Simpolo and as per sample approved by the SBIIMS				
18	Providing and laying <b>Kotah stone</b> of approximate size <b>600 x 600 mm</b> , approved colour and of average thickness 18 mm thk in flooring in line or level or to slope as directed over 1:4 cement sand (fine) mix including mirror polishing, curing etc. as directed and filling the joints with grey cement complete.	Sqm	385.00		-
19	Providing and laying <b>100mm high Kotah Stone skirting</b> average 18mm thk in 1:4 cement sand mix machine mirror polished to the satisfaction of Architect in line and level complete.	Rmt	140.00		-
20	Providing and laying one piece <b>Kotah stone</b> of required length in <b>staircase tread</b> (approximate 300mm wide) & <b>risers</b> (approximate 150 mm high) of thickness not less than 18mm thk and fixing in 1:4 cement sand (fine) mix, providing 3mm deep 3 grooves in treads, including mirror polishing and rounding of edges complete.	Sqm	80.00		-
21	Providing and fixing in position <b>Kotah stone/Marble</b> both side polished stone for Base supports and vertical supports of Kitchen Platform, Wash Basin counters, Urinal Partitions etc. of approximate width 600 mm and thickness not less than 18 mm thk. The vertical supports to be provided with two sandwiched stone slabs joined together with Araldite or any other approved adhesive and fixed with cement sand mix 1:2 including necessary jhiri cutting etc. complete.	Sqm	20.00		-
22	Providing and fixing in position <b>Granite stone</b> on one or both side polish of approximate width <b>600 mm</b> and thickness not less than 25mm thk providing cement sand mix 1:2 for fixing stone above complete. <b>Basic Rate -100 Rs./ Sft.</b>	Sqm	10.00		-

23	Providing and fixing <b>Green Marble</b> (Baroda Green) of approximate width 270 mm on sides of Windows & Doors in stepped form for windows of thickness not less than 18mm, fixing the same with cement sand (fine) mix 1:4, and rounding of edges, pre mirror polished etc complete.	Sqm	75.00	-
24	Providing and laying <b>glazed Ceramic Tiles</b> of approximate size 300 x 600 or 300x 450 mm in <b>dado/walls</b> , and fixing the same on plastered surface, with neat cement float in proper line or level, including filling the joints with matching pigmented white cement and cleaning it with dilute acid complete. <b>Basic Rate - 50 Rs./ Sft.</b>			
	<b>Make:</b> Kajaria/Somany/Nitco/Johnson/ Simpolo and as per sample approved by the SBIIMS.			
	Please note that holes may have to be done for water taps etc at no extra costs.	Sqm	90.00	-
25	Providing and laying <b>anti skid ceramic tiles</b> in flooring of approximate size 300 x 300 mm with 1:4 cement sand mix, in slope or as directed including filling the joints with white cement (coloured pigment should be added in case of coloured tiles), and cleaning the same with dilute acid complete. <b>Basic Rate - 45 Rs./ Sft.</b>			
	<b>Make:</b> Kajaria/Somany/Nitco/Johnson/ Simpolo and as per sample approved by the SBIIMS.	Sqm	30.00	-
26	<b>Providing and placing in position aluminum sliding windows</b> of heavy duty aluminum sections anodised of approved colour thickness not than 12 microns includings screws, transparent glass of approx thickness 6-8 mm fixed in position with PVC gasket water tight, window bottom section will have rollers for smooth movement, including locks etc complete.			
	<b>Make:</b> Jindal, Hindalco or approved equivalent.			
	25 mm Series - 3 track			
	a) Frame with gutter bottom weighing not less than 1.619 kg/m			
	b) Frame top and sides weighing not less than 1.005 kg/m			
	c) Shutter to & side weighing not less than 0.53 kg/m			
	d) Interlock shutter weighing not less than 0.683 kg/m			
	e) Shutter bottom weighing not less than 0.678 kg/m	Sqm	60.00	
27	Providing and fixing approved quality of adjustable, lockable <b>louvered ventilators in aluminum sections</b> fixed on aluminum sub frame of approx weight 0.43 kg/m, including fixing aluminum angle 20 x 20mm fixed on bottom rail, providing approx 8mm thk opaque 'bajri glass' with edges rounded of width not less than 100 mm, all aluminum sections are to be anodised of approved colour not less than 13 microns complete.			
	<b>Make:</b> Jindal, Hindalco or approved equivalent.	Sqm	15.00	-

28	Providing, fabricating and fixing in position <b>MS grill</b> Windows, Ventilators, Staircase Railing, collapsible channel gate etc. of approved design made out of MS flats, squares bars, rounds bars, angles, tees etc. and anchoring it in walls with bolts, making manhole covers for u/g tank etc. including two coats of enamel paint over a coat of Zinc Oxide steel primer complete.	Kgs	1685.00		-
29A	Providing and fixing in position <b>Flush Door Shutters on wooden door frame</b> using approved quality seasoned Sal or equivalent approved wood made in design, shape and profile size as per drawing. The over all sectional size of frame shall be about 125 x 75mm with horns 75 mm beyond frame including fixing in position with 6 nos. aluminium holdfasts anchored in 1:2:4 cement concrete of approximate size 200 x 200 x 150mm, making arrangements for fixing aldrop, tower bolts, slip way (tadi) in the frame. The frame is finished with two or more coat of french polish after preparing surface complete.				
	Flush Doors: Archidply, Godrej, Royal touch, Marino or approved equivalent				
	The door shutter shall be 35 mm thk approved quality and make BWR Grade Flush Door provided 6/8mm thick TW lipping on all edges. The door shall be finished internally & externally with 1.00 mm thk laminate in desired shades (one or more) and design as per sample approved. Each door shutter will be provided with 125X30 mm 4 Nos MS oxidised butt hinges, tower bolts, SS handle with 300 mm long SS Aldrop, door stopper etc complete.	Sqm	46.00		-
29B	Providing and fixing in position <b>Flush Door Shutters</b> on wooden door frames using approved quality seasoned Sal or equivalent approved wood made in design, shape and profile size as per drawing. The over all sectional size of frame shall be about 125 x 75 mm fixed in position with 6 nos. Aluminium holdfasts anchored in 1:2:4 cement concrete of approximate size 200 x 200 x 150mm, providing and fixing M.S. tie rod/ flat at the base of the frame, making arrangements for fixing aldrop, tower bolts, slip way (tadi) in the frame. The frame is finished with two or more coat of french polish before preparing surface.				
	Flush Doors: Archidply, Godrej, Royal touch, Marino or approved equivalent				
	The door shutter shall be 35 mm thk approved quality and make BWR Grade Flush Door provided 6/8mm thick TW lipping on all edges and <b>8mm thick glass viewing pane</b> of approx 0.30 sqm fixed with TW beading as per approved design given by Architect. The edges will have wooden moulding polished in desired coat of french polish or enamel painted. The door shall be finished internally & externally with 1.00 mm thk laminate in approved patten and design.				
	Glass: Saint Gobain, Aasahi Float, Modi Guard				
	Patch Fittings: Dorma, Godrej, Ozone				
	Handles: Godrej, Hettich, Haffle				
	Locks: Dorma, Dorset				

	Laminate: Archid, Aerolam, Greenlam, Century				
	Each door shutter will be provided with 125X30 mm 4 Nos SS oxidised butt hinges, tower bolts, SS handle with 300 mm long SS Aldrop, door stopper etc complete.	Sqm	6.00		-
<b>30</b>	<b>Main door</b> - double shutter panelled door with <b>Aluminium</b> frame having fixed glazing as mentioned below, 12mm thk toughened glass panels fixed in aluminium sections 1.72 kg/mt with 3 nos. Aluminium hinges, handles, aldrop, door stopper and tower bolts etc..				
	a) Aluminum section weighing approx <b>2.20kg/m, for frame verticals</b>				
	b) Aluminum section weighing approx <b>2.06 kg/m for frame head</b>				
	c) Aluminum section weighing approx <b>1.76 kg/m for shutter vertical</b>				
	d) Aluminum section weighing approx <b>1.72 kg/m for shutter top &amp; bottom</b>				
	e) Aluminim section weighing approx <b>0.612 kg/m for vertical interlink</b>				
	<b>Aluminum extruded sections for frame:</b> Jindal, Hindalco, Bharat				
	Glass: Saint Gobain, Aasahi Float, Modi Guard				
	Patch Fittings: Dorma, Godrej, Ozone				
	Handles: Godrej, Hettich, Haffle				
	Locks: Dorma, Dorset				
	Laminate: Archid, Aerolam, Greenlam, Century	Sqm	6.00		-
<b>31</b>	Providing and fixing in position water proof, solid <b>FRP Doors</b> of approved quality and design of approx size 750 x 2010 mm x not less than 35mm thk, including providing S.S. baby latch two nos and SS 100 mm long handles complete.	Sqm	14.00		-
	Make: Godrej/ Metafab/ Royal Touch				
<b>32</b>	Providing and applying external grade <b>External grade Acrylic Emulsion paint</b> of approved make and shade in desired pattern, including preparation of surface applying cement based primer and filling the gaps with water proof material and applying two or more coats of paint to the satisfaction of Architects/ Clients complete.	Sqm	1270.00		-
	Make:- Asian paints / Indigo Berger/ ICI / Nerolac or approved equivalent make.				
<b>33</b>	Providing and applying <b>Oil Bound Distemper</b> for Internal area of approved shade and make in approved pattern including preparation of surface by applying Birla putty to have the surface in line and level, applying two or more coats paint over a coat of primer to the satisfaction of Architects/ Clients complete.	Sqm	1953.00		-
<b>34</b>	Providing and applying <b>white wash on ceiling</b> in two or more coats or as directed including adding violet colour agent (stainer) and approved adhesive for bonding of white wash as per manufacturers specification complete.	Sqm	1280.00		-

35	Providing and applying approved quality and shade <b>Enamel Paint</b> to wooden doors frames, MS Railing , MS Grill , Collapsible Channel gate or as advised by Client/ Architect including cleaning the surface to free loose scales etc. and then applying a coat of steel primer and two or more coats of enamel paint complete.	Sqm	25.00		-
36	Providing and laying <b>waterproofing treatment for sunken portion of W.C.'s, Bathroom etc.</b> by applying cement slurry mixed with water proofing cement compound consisting of applying:				
	a) First layer of slurry of cement @ 0.5 kg/sqm with water proofing cement compound @ 0.25 kg/sqm, this layer will be allowed to air cure for approx 4 hrs.				
	b) Second layer of slurry of cement @ 0.25 kg/sqm mixed with approved water proof compound @ 0.125 kg/sqm. This layer will be allowed to air cure for 48 hrs.				
	The waterproofed area will be filled with water and kept for 7 days to insure that the treatment is done in order.				
	The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions , pipes, and masonry with approved quality poymer mixed slurry complete.	Sqm	45.00		-
	10 years guarantee to be given on Rs.500.00 stamp paper as per performa enclosed, in the Technical Conditions.				
37	Providing and laying integral cement based <b>water proofing treatment</b> including preparation of surface as required for treatment of roofs, balconies, terraces etc. consisting of the following operations:				
	a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with approved water proofing compound confirming to Is 2645 and approved by Architect/ Client over RCC slab including adjoining walls upto 300 mm height including cleaning of surface before treatment.				
	b) Laying brick bats with mortar using broken bricks/ brick bats 25 to 115 mm size with 50% of cement mortar 1:5 ( 1 cement: 5 coarse sand) admixed with approved quality water proofing compound confirming to IS: 2645 and approved by Architect / Client over 20 mm thick layer of cement mortar of mix (1 cement: 5 coarse sand) admixed with approved water proofing compound confirming to IS 2645 and approved by Architect/ Client to required slope and treating similarly the adjoining walls up to 300 mm height including rounding of junctions of walls and slab.				
	c) after two days of proper curing apply second coat of cement slurry using 2.75 kg/sqm of cement admixed approved water proofing compound confirming to IS 2645 and approved by Architect/ Client.				
	d) Finishing the surface with 20mm thick jointless cement mortar of 1:4 (1 cement: 4 coarse sand) admixed with approved waterproofing compound confirming to IS 2645 and approved by Architect / Client.				



	Rate including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel neat cement slurry not less than 10mm and placing broken china mosaic pieces in level complete.				
	e) The whole terrace/ balcony etc so finished shall be filled with water for a minimum period of two weeks for curing and final testing.				
	Average thickness of 150 mm and minimum thickness at rain water out let not less than 65 mm				
	10 years guarantee to be given on Rs.500.00 stamp paper as per performa enclosed, in the Technical Conditions.				
	<b>Please note: measurement will be taken of the work done in plan including watta.</b>	Sqm	915.00		-
<b>38</b>	<b>Lifting and positioning Doors &amp; Ventilators</b> of strong room and Security Deposit Vault				
1	Doors	Nos.	3.00		-
2	Ventilators	Nos.	5.00		-
<b>39</b>	Providing and installing mechanical device chain and crank operated <b>Rolling Shutters</b> of approved make, made of 80 x 1.25 mm M.S. laths with 1.25 mm thick top cover interlocked together through their entire length and jointed together at end by end locks mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and out side locking with push and pull operation complete including the cost of providing and fixing necessary approx 28 cm long wire springs grade No2 and MS Top cover of 1.5mm thk for rolling shutters, including applying two or more coats of approved quality and shade enamel paint from inside and out side, over a coat of steel primer complete.	Sqm	4.90		-
<b>40</b>	Providing and laying intergral cement based treatment for <b>water proofing on vertical surface by fixing sahabad stone slab of thickness 22 mm to 25 mm</b> with cement slurry mixed with approved water proofing compound in recommended proportions with a gap of 20 mm between stone slabs and receiving surfaces and filling the gaps with neat cement slurry mixed with approved water proofing compound and finishing the the exterior of stone slab with cement mortar 1:3 20 mm thick with neat cement punning mixed with water proofing compound in recommended proportions at all levels complete.	Sqm	175.00		-
<b>41</b>	Providing an <b>Anti-termite treatment</b> to Foundation and Plinth				
	Carrying out pre-construction anti-termite treatment as stipulated in the relevant Indian Standard Specification latest edition at appropriate stages and as specified and directed. The rate quoted shall be for complete item, inclusive of cost of all material & labour required for the work				
	For RCC Frame structure:				
	(a) Soil which is immediate contact with vertical surface of R.C.C. foundations i.e columns below ground level ,plinth beams shall be treated at the rate of 5 litres/sqm of contact area.				

	(b) Treatment of top surface of plinth filling: The top surface of consolidated earth within plinth walls shall be treated with chemical emulsion at the rate of 5 litres/sqm of the surface before the rubble soling is laid.				
	(c) Treatment of soil along external perimeter of Building: After the building is completed, earth along the external perimeter of the building should be eroded and soil to be treated with chemical emulsion at the rate of 7.5 litres/sqm.	Sqm	790.00		-
	10 years guarantee is to be given on Stamp Paper of Rs. 500.00 as per the performa given in Technical Conditions.				
				<b>Total of Civil Work (A)</b>	-

STATE BANK OF INDIA.					
SCHEDULE OF ITEMS-PLUMBING AND SANITARY WORK					
SCHEDULE OF ITEMS-PLUMBING AND SANITARY WORK					
Rates Excluding GST					
No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
<b>B</b>	<b>SANITARY, PLUMBING &amp; DRAINAGE</b>				
<b>1</b>	<b>Providing and fixing in position Chlorinated Polyvinyl Chloride (CPVC) pipes concealed in the brick masonry walls</b> by cutting chases using mechanical cutter, providing nails/clamps to hold the pipes in position and making the surface good in line and level. The pipes should have thermal stability for hot & cold water supply including providing required CPVC brass threaded fittings and specials such as 'Tees, Bends, angles, Elbows, reducers, unions etc and fixing the pipes with metal clamps at 1.0 m c/c, including joining the pipes as per manufacturers specifications using approved quality CPVC Solvent and testing the joints complete as per directed complete. Wherever necessary hot water pipes to be suitably insulated to prevent heat transfer to wall tiles etc.				
	<b>(A) 15 mm nominal outer diameter pipe</b>	Rmt	35.00		
	<b>Astral, Supreme, Prince or equivalent.</b>				
<b>2</b>	<b>Providing and fixing in position Chlorinated Polyvinyl Chloride (CPVC) pipes externally</b> having thermal stability for hot & cold water supply including all CPVC brass threaded fittings such as 'tees, bends, angles, reducers, unions etc and fixing the pipes on metal clamps away from the wall at 1.00 m c/c including joining the pipes as per manufacturers specification with one step CPVC Solvent /solvent cement and testing the joints complete as per directed, complete.				
	<b>(A) 25 mm nominal outer diameter pipe</b>	Rmt	27.00		
	<b>(B) 32 mm nominal outer diameter pipe</b>	Rmt	30.00		
	<b>(C) 50 mm nominal outer diameter pipe</b>	Rmt	60.00		
	<b>Astral, Supreme, Prince or equivalent.</b>				
<b>3</b>	<b>Providing and fixing in position CP Brass Bib Cock</b> of approved quality and make, including all fittings and fixturers complete.	Nos	12.00		
	Jaquar-CON-047 KN/ Plumber- EC-202/ Cera- QT-F-2006151				

4	Providing and fixing in position CP Brass <b>Consealed Stop Cock</b> of approved make and quality including all fittings and fixturers complete.	Nos	6.00		
	Jaquar-CON-083 FTK/ Plumber- EC-0405/ Cera- QT-F-2006751				
5A	Providing and fixing ISI marked <b>gun metal valve</b> with C.I. wheel of approved quality (screwed end) and make complete.				
	<b>(A) 50mm nominal bore</b>	Nos	2.00		
	<b>(B) 32 mm nominal bore</b>	Nos	2.00		
5B	Providing and fixing ISI marked <b>non return valve</b> of approved quality complete.				
	<b>For 50 mm pipe</b>	Nos	1.00		
	<b>For 32 mm pipe</b>	Nos	1.00		
6	Providing and fixing in position <b>long neck Bib Cock</b> for kitchen etc including all fittings and fixturers complete.	Nos	1.00		
	Jaquar-CON-349 KN/ Plumber- EC-0618/ Cera- QT-F-2006251				
7	Providing and fixing in position <b>Wash Hand Basin</b> , counter sunk of ivory colour of approx size 440 mm x 550mm including providing CP Brass Pillar Cock, Bottle Trap, Stop Cock, PVC Connection, Base Coupling etc. of approved quality and make. Rate to include suitable MS bracket including 40mm dia connection GI pipe upto nahani trap concealed in wall complete.	Nos	7.00		
	Hindware: 10065/10049, Parry ware: C-0407 or C-0441, Cera: S 2030103560				
	Pillar Cock: Jaquar- CON-011 KN, Plumber- FLP-0101, Cera- HTF-3001101				
8	Providing and fixing in position <b>stainless steel kitchen sink</b> of approved make of approx overall size 535 x 460 x 190 mm deep fixed to Kitchen platform, including providing CP brass, base coupling, bottle trap etc. of approved make and making suitable connection to nahani trap complete with 40mm dia GI pipe 'b class' complete.	Nos	1.00		
	SS Sinks of Nirali, Faber, Neelkant or equivalent.				
9	Providing and fixing in position wall hung <b>European WC pan</b> of approved make including all accesories, providing and fixing PVC Flushing Cistern of 12 liters capacity, PVC toilet seatcover including necessary fitings and fixturers viz. Flush pipe, CP brass stop cock, PVC connection etc complete.	Nos	1.00		
	SEAT + COVER:Hindware- Crystal cat no-(P-24), Parryware C 846 P, Cera- Campbell- cat no B1810106				
	PVC flushing cistern: Hindware: Sleek fresh dual flush, Parry ware: E-8109, Cera: Combi Flush cat no B1020101				
10	Providing and fixing in position <b>Orissa pattern 'Indian' WC pan</b> with 12 liters Low Level PVC flushing cistern etc including all necessary CP fittings, stop cock, PVC connections etc. complete.	Nos	6.00		
	Approx size 50 x 40 x 250cms				

	Hindware: Orrisa pan-20042, Parry ware: CO-117, Cera: Cadell- S 3020102				
<b>11</b>	Providing and fixing <b>White glazed Flat back urinal</b> Pan with white PVC flushing cistern of 5 litres capacity etc., including all fittings and connections complete.	Nos	4.00		
	Hindware- Parry ware: New Magnum- C-583, Hindware: Rhine-96008, Cera: Carys S-4020104				
<b>12</b>	Providing and fixing in position <b>PVC heavy duty 'nahani trap'</b> including all connections to waste water line complete.	Nos	8.00		
	Supreme, Prince, Astral.				
<b>13</b>	Providing and fixing in position <b>CP brass soap holder</b> of approved make and quality including all fittings and fixturers complete.	Nos	10.00		
<b>14</b>	Providing and fixing in position <b>CP brass hooks on doors</b> etc including all fittings and fixturers complete.	Nos	5.00		
<b>15</b>	Providing and fixing in position CP Brass <b>Health Faucet</b> with flexible pipe and necessary two way fitting of approved make including necessary fittings and fixturers complete.	Nos	1.00		
	Jaquar- ACD-577, Plumber- MTL-1904, Cera- F-8030201				
<b>16</b>	Providing and fixing in position heavy duty <b>PVC down take pipes</b> of Prince, Supreme, Katsa or equivalent approved make including all accessories such as 'Y', 'angle junction', 'connectors', 'inspection joints' etc joining together water tight using approved adhesive and clamping it on wall with 'D' clamps complete.				
	<b>(A) 100 mm dia</b>	Rmt	60.00		
	<b>(B) 65 mm dia</b>	Rmt	35.00		
<b>17</b>	Providing and constructing <b>Inspection Chambers</b> of approx size 450 x 900mm in one brick thick walls, including providing plaster 1:4 cement sand mix in single coat about 12mm and with heavy duty PVC cover including the frame as per sample approved. The rate should include necessary earthwork in excavation, disposal of surplus material as directed, laying P.C.C. 1:3:6, 100mm thick levelling course, making neat cement finish smooth benching, hunches, channels etc. in CC 1:2:4 complete for smooth flow as required. Rate to include for making connections to stone ware/PVC pipes of minimum 150 mm dia in the brick wall complete.	Nos	20.00		
<b>18</b>	Providing making <b>Gully Trap</b> of approx size 450 x 450 in one brick thick, and finishing it with 12mm thk 1:4 cement sand mix plaster, including providing P.C.C. benching and providing stone ware pipe connections, with approved quality CI/PVC cover with frame complete.	Nos	5.00		

19	Providing and laying <b>heavy quality (Minimum 6 Kg pressure)</b> PVC pipes for sewerage disposal system including necessary excavation, laying 100mm thick PCC 1:3:6 levelling base course with all fittings and specials testing of joints and concealing the Pipe in PCC 1:2:4 arr around with minimum 100 mm thick concrete complete as directed at site.				
	<b>(A)200 mm dia.</b>	Rmt	50.00		
	<b>(B)150 mm dia.</b>	Rmt	10.00		
20	Making <b>soak pit</b> of 3000 mm diameter, 3500mm deep with 45 x 45 dry brick honeycomb shaft with bricks S.W. Drain pipe 150 mm diameter, 2000 mm long complete as per standard design, filling up the same with brick bats, sand, gravels in layers or as directed complete as per drawing comprising of the following:				
	(a) Earthwork in excavation in all kind of soils including hard murrum and back filling /disposing away surplus excavated earth as directed at site	Cum	25.00		
	(b) Providing and laying PCC 1:3:6 levelling course 100 mm thick.	Cum	1.00		
	(c) Providing and laying 230mm thick Brick masonry dry wall etc. complete.	Cum	2.00		
	(d) Filling the Soak pit with selected rubble, gravel, brick bats and fine filter media in layers or as directed and then with murrum in level with surrounding ground level including connection with Septic Tank out let with 150mm SW/PVC drain pipe of required length complete as directed at site.	Job	1.00		
21	Providing and fixing double layer <b>PVC overhead water storage Tank</b> of required capacity including construction of 150mm high platform with concrete blocks/bricks/CC (finishing complete) and all connections (inlet & outlet) and making them water tight complete as under:-				
	PVC Tank (3000 litres)	Nos	2.00		
	Sintex, Plasto, Supreme.				
22	Providing and installing <b>2.00 HP submersible water pump</b> of <b>Kirloskar/ Becon/ Crompton Greaves</b> including making bore of min 150 mm diameter upto desired depth until we get clean potable water. Rate to include MS casing upto loose strata and PVC casing upto required depth and providing PVC flexible pipe of Prince/ Supreme. Kasta or equivalent make including necessary 3 core electrical cable 6.00 Sqmm of approved make up to meter room/ Panel etc. complete. Test reports of water to be given.				
	(a) Boring 150mm Dia telescopic bore upto 500 ft depth in all kind of strata with Combination rig boring Machine.	Rmt	135.00		
	(b) Providing and fixing MS casing cap upto loose strata including providing MS boring Cap.	Rmt	10.00		
	(c) Providing and fixing PVC casing pipe of required dia suitable for 6.00 Kg pressure of Supreme / Kissan or equivalent approved by the Bank.	Rmt	125.00		

	(d) Providing and fixing in position single phase 2.0 HP submersible pump of <b>TEXMO / Kirloskar / CG</b> or equivalent approved by the Bank suitable for total 90 to 100 meter pressure head including connecting power cable of 4 sqmm of Havells/Finolex, nylon Rope etc. complete.	Set	1.00		
	(e) Providing and fixing approved quality 25 mm/32mm dia. Of as required as per specification of submersible pump specifications heavy quality HDPE delivery pipe of Supreme/Kasta/Kissan or as per sample approved by the Bank.	Rmt	150.00		
				<b>Total of Plumbing and Sanitation (B)</b>	
				-	

<b>STATE BANK OF INDIA.</b>					
<b>SCHEDULE OF ITEMS-SITE DEVELOPMENT WORK</b>					
<b>SCHEDULE OF ITEMS-SITE DEVELOPMENT WORK</b>					
No	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
<b>C SITE DEVELOPMENT</b>					
<b>1</b>	<b>Excavation</b> in any type of soil using mechanical or manually and keeping aside excavated earth (except black cotton) for refilling the pit after the foundation is done including ramming watering the pit and using the excess earth for levelling the ground, filling in plinth etc. (please note that black cotton soil will not be used for filling but shall be carted away to any lift or lead as directed by local authority/ Architect). Rate includes labour cost for back filling the surplus excavated approved soil as directed at site.				
	a) upto minimum depth of 1.5 meter to maximum 2.0 meters in soft soil	Cum	165.00		-
<b>2</b>	<b>Consolidating</b> the soil with water and murrum (brought from outside) upto depth of 150mm and moving road roller of minimum 10 tonnes for proper compaction to the satisfaction of Architect/ Clients Engineer complete.	Sqm	365.00		-
<b>3</b>	Providing, laying, spreading and compacting <b>stone aggregate of following sizes</b> to WBM specifications including spreading in uniform thickness, hand picking, rolling with 3 wheeled road/ vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/ binding material to fill up interstices of coarse aggregate watering and compacting to the required density complete.				
a	63 to 45mm size stone aggregate to thickness of 150 mm	Sqm	365.00		-
b	Stone screeding approx 13mm nominal size to thickness of 75 mm	Sqm	365.00		-
<b>4</b>	Providing and laying 100mm av. thick base concrete <b>P.C.C. 1:2:4</b> in internal Road including necessary shuttering, curing, vibrating, compacting etc. The P.C.C. may be casted in panels as desired by the Architect/ Consultant etc complete.	Sqm	65.00		-
<b>5</b>	<b>Filling</b> in plinth protection, approach road and at low lying areas of site with approved quality murrum brought from outside (at Contractor's cost) in layers not exceeding 15 cm thick including watering and compaction complete as directed.	Cum	840.00		-

6	Supplying & laying <b>CC paver blocks</b> 80 mm thick using minimum M 35 grade laid on 50mm avg thickness sand bedding. Paver blocks to be procured from approved manufacturers.	Sqm	365.00		-
			<b>Total of Site Development (C)</b>		-