

<b>PROPOSED CONSTRUCTION OF BUILDING FOR SME BRANCH &amp; RASMECC</b> <b>at Ram Murthy Nagar, Nellore, Andhra Pradesh.</b>					
BILL OF QUANTITIES - BOQ					
S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
<b>1</b>	<b>DISMANTLING WORKS</b>				
	<b>PREAMBLE</b>				
	Contractor to ensure the following while quoting their rates for all items :				
	1. The Contractor should provide MS Scaffolding for all the Items with the following specifications : Providing and fixing double scaffolding system (cup lock type) made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Architect / Bank Engineer.				
	2. The Contractor should provide Shop drawings for all items whichever necessary as per the direction of Architect / Bank Engineer Example following items : Structural Glazing, Curtain wall Glazing , ACP Panelling, Gate, etc.				
	3. The Contractor should bring Occupancy certificate from Nellore Municipal Corporation after completion of Project. Final bill will be paid only after submission of Occupancy Certificate.				
	4. The Contractor should engage A Qualified Site Engineer on the site From the Start of the Project to Completion of the Project.				
	5. The Contractor should Provide site office (Minimum 20 Sqmt ) with Toilet for Site Engineer before commencement of the work.				
	6. The Contractor should Earmark the Proposed 1 Acr land out of 4.5 Acrs land as per the drawing issued by Architect / Bank Engineer.				
	7. The Contractor should mark centre line and Footings of Columns with Total station survey instrument.				
	8. Water and Power supply for the Entire Construction shall be arranged by the Contractor at his own cost.				
	9. The Contractor should get the Permissions from Water Board and Sewerage Board if any required related to Sanitary and Plumbing works at his own cost.				
1.1	Site Clearance				
	Clearing the site including uprooting of rank vegetation, grass, brush wood, small and large trees in two to four numbers (Permission to be taken from the local Authorities for removal of trees) and saplings of girth and removal of rubbish etc. including getting out and disposal of removed rank vegetation, grass etc up to any lead and lift, including cost of transportation of excavated material/debris outside the Bank's premises to approved Municipal dumping area or Contractors own dumping area (upto 20Km Range) as directed by Architect / Bank's Engineer. The rate shall be inclusive of all the material ,labour, hardware, transportation necessary required for the complete execution of the item as directed by the Architect / Bank's Engineer.	SQ.M	846.50	50.00	42,325.00
1.2	RCC Super Structure Dismantling				

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	Dismantling manually or by mechanical means all RCC members in super structure viz columns, beams, slab, Pardis, RCC walls, water tanks etc. with all related equipment, at all height and location. The steel in the RCC structures shall be separated from the concrete and stack-up separately. The contractor should take care that dismantling of structure should not cause any damage to the existing structures near the building and even take care of dust control, noise control etc. Blasting is not permitted. The Rate including cost of transportation of dismantled material/debris outside the Bank's premises to approved Municipal dumping area or Contractors own dumping area (upto 20Km Range) as directed by Architect / Bank's Engineer. All the work shall be carried out as instructed by Architect / SBI. The rate includes cutting of MS reinforcement steel bars using mechanical cutter and stacking the same as directed at site and carting away unserviceable material / debris to a place approved by Municipal Corporation.	CU.M	1.50	4,000.00	6,000.00
1.3	Dismantling of Stone / Block / Brick Masonry				
	Dismantling manually or by mechanical means all type of Stone / brick / block masonry in the entire building including plastered walls, parapet on terrace, compound wall etc. in existing sub structure and superstructure at all height and location. The contractor should take care that dismantling of structure should not cause any damage to the existing / adjacent structures near the building and even take care of dust control, noise control etc. Blasting is not permitted. The Rate including cost of transportation of dismantled material/debris outside the Bank's premises to approved Municipal dumping area or Contractors own dumping area (upto 20Km Range) as directed by Architect / Bank's Engineer. All the work shall be carried out as instructed by Architect / SBI. The rate to include carting away unserviceable material / debris to a place approved by Municipal Corporation. The work also includes levelling the ground after carting away.	CU.M	46.50	2,000.00	93,000.00
1.4	Dismantling doors, windows & Gates				
	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
1.4.1	Of area 3 sq. metres and below	EACH	1.00	327.87	327.87
1.4.2	Of area beyond 3 sq. metres	EACH	1.00	448.90	448.90
1.5	Barricading				
	Providing and erecting in position 3.00 to 6.00 metre high temporary barricading at site; using minimum 50x50x3 mm (or as required as per structural drawing of Architects/Engineer-in-charge) hollow MS tube posts/ horizontal members/ bracings covered with 1.63 mm thick GI corrugated sheet. The sheet shall be fixed with 30x5 mm MS flat by suitable welding / riveting. MS channel ISLC 75 @ 5.70 kg/m, 50 cm long shall be provided at the bottom having oval shaped holes of size 50x25 mm at both ends with 50 cm long MS angle 40x40x6 mm bracing. Suitable arrangement shall be made to fix the barricading to avoid from overturning by providing 250 mm long expansion fasteners at both ends.	SQ.M	182.50	1,500.00	2,73,750.00

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	The work shall be executed as per drawing/ direction of Engineer-in-Charge which includes writing and painting, arrangement for traffic diversion such as traffic signals during construction at site for day and night, glow lamps, reflective signs, marking, flags, caution tape as directed by the Engineer-in- Charge. The barricading provided shall be retained in position at site continuously i/c shifting of barricading from one location to another location as many times as required during the execution of the entire work till its completion. Rate include its maintenance for damages, painting, all incidentals, labour, materials, equipments and works required to execute the job. The barricading shall not be removed without prior approval of Engineer-in-Charge. (Note :- One time payment shall be made for providing barricading from start of work till completion of work i/c shifting. The barricading provided shall remain to be the property of the contractor on completion of the work).				
1.6	Nylon Safety Nets				
	Providing, Fixing and maintaining in position, Nylon safety Nets (75 mm X 75 mm square with 10 mm thick nylon rope.) having width of 4.5 mts. placed along side periphery of the Building with suitable supporting MS structure of minimum 50 mm dia MS pipes duly anchored on slab with 10 mm thick base plate and anchor fastener (Hilti) 4 Nos. at all corners, and free end of pipe to be tied up with upper floor column with the help of nylon rope 16 mm dia. same supporting system is to be followed for every 4.5 Mtrs. in such a way to have a proper slope during Construction, and removing and re-fixing part of the same as and when required / necessary for smooth progress of the work for individual layers & same should be maintained with cleanliness. All complete as approved by the Architect / Engineer-in-charge. (Note :- One time payment shall be made for providing Safety Net from start of work till completion of work i/c shifting as required and directed. The Safety Net provided shall remain property of the contractor on completion of the work).	SQ.M	1,547.00	160.00	2,47,520.00
<b>2</b>	<b>EARTH WORK</b>				
2.1	Excavation in All Kind of Soil, Soft Murrum, Hard Murrum				
	Earthwork Excavation in all kinds of soil, manually or by mechanical means, for Column Footings, foundation of walls, raft foundations, plinth beams, steps, Under ground water sump, Under ground septic tank, cess pits, etc., in all types of soil including soft or hard morrum, boulders (upto 0.10 cum) shoring the sides wherever necessary, bailing/pumping out sub-soil water and rain water with pumps and keeping the foundation trenches and pits dry including filling back the trenches by good selected and approved quality excavated earth in layers not exceeding 20 cm., watered and consolidated, spreading surplus excavated earth within plot and carting away surplus materials out of site (upto 20km range), all complete as directed. Rate to include necessary cost towards transportation of remaining material rendered surplus out side the Bank's premises/site and disposing the same to approved municipal yard with all lead and lift including labour for loading, unloading surplus excavated earth complete as directed by the Architect / Bank's Engineer. Mode of Measurements : Only PCC Dimension area shall be considered.				
2.1.1	Excavation Up to 2.0 mtr. depth below natural Ground Level.	CU.M	1,556.50	300.00	4,66,950.00
2.1.2	Excavation beyond 2.00 meter and upto 3.0 mtr. Depth from natural Ground Level.	CU.M	702.00	350.00	2,45,700.00
2.1.3	Excavation beyond 3.00 meter depth from natural Ground Level.	CU.M	787.00	400.00	3,14,800.00
2.2	Excavation in Soft Rock				

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	<p>Earthwork in Excavation, manually or by mechanical means, for foundation in soft rock, old cement / lime mortor Brick/RCC/Stone masonry foundation including removing the excavated material from foundation, stacking serviceable material beyond building area as directed at site. The Rate to include dewatering subsoil/rain water, preparing the bed for the foundation, shoring sides wherever required and back filling foundation trenches with available approved quality surplus excavated material in layers in exceeding 20 CM, ramming, watering complete.</p> <p>Rate should also include disposal of surplus excavated material/debris to approved munuciple dumping yard with all lead and lift, including cost of transportation etc. complete as directed by Engineer-in-Charge.</p> <p>Mode of Measurements : Only PCC Dimension area shall be considered.</p>				
2.2.1	Excavation Up to 2.0 mtr. depth below natural Ground Level.	CU.M	156.00	450.00	70,200.00
2.2.2	Excavation beyond 2.00 meter and upto 3.0 mtr. Depth from natural Ground Level.	CU.M	70.50	500.00	35,250.00
2.2.3	Excavation beyond 3.00 meter depth from natural Ground Level.	CU.M	79.00	550.00	43,450.00
2.3	Excavation in Hard Rock				
	<p>Earth work in excavation in Hrad Rock by mechanical means (Hydraulic excavator) / manual means by chiselling, wedging, line drilling etc. over areas including foundations, trimining &amp; levelling the bed, removing excavated material beyond building area upto 2.0 m. depth, stacking the material as directed including dewatering, back filling of trenches using available earth murum raming and watering complete and disposing off surplus rock material within the site as per direction of the Bank. Rate to include all lead, lift and cost of transportation within the campus/premises/site.</p> <p>Mode of Measurements : Only PCC Dimension area shall be considered.</p>				
2.3.1	Hard rock (blasting prohibited) up to 2.00 meter Depth	CU.M	156.00	1,300.00	2,02,800.00
2.3.2	Hard rock (blasting prohibited) beyond 2.00 meter upto any Depth	CU.M	149.00	1,400.00	2,08,600.00
2.4	Earth Filling With Surplus Excavated Approved Quality Soil				
	Filling approved quality available excavated srplus earth (excluding rock) in trenches, plinth, plinth protection, under floors, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering including all lead, lift and transportation within the site/plot/premises as directed by Engineer-in-charge	CU.M	2,534.50	300.00	7,60,350.00
2.5	Pre-Construction Treatment				
	<p>Carrying out pre-construction Anti-termite treatment using approved Chemical IMIDACLOPRID or equivalent at various stages of construction as per IS 6313:2013 and as recommended by the chemical manufacturer to safeguard the building against termite including execution and submission of guarantee for a period of 10 years (On non judicial stamp paper of required value as per format approved by Bank) against any subterranean pests infestation. The work should be got executed through specialised agenceis approved by the Bank.</p> <p>a 1st stage: Treatment to soil below foundation PCC.</p> <p>b 2nd stage: Treatment to soil below grade slab / plinth level slab.</p> <p>c 3rd stage: Treatment of soil along external perimeter of building including Plinth protection.</p> <p>Mode of Measurements: Plinth area of the building shall be measured.)</p> <p>Approved Agencies:</p> <p>PCI/ PECOPP/ GODREJ HI-CARE or Equivalent approved by the Bank.</p>	SQ.M	477.50	750.00	3,58,125.00

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<b>3</b>	<b>CEMENT CONCRETE WORKS</b>				
	PREAMBLE: Contractor to ensure the following while quoting their rates for all Concrete/RCC work				
	Rate for all RCC Items should be quoted inclusive of cost Centering, Shuttering (Jack Centering), Scaffolding and execution of work at all depths / heights complete. All shuttering material used for concreting / RCC Work should be of good quality using waterproof ply / Steel plates etc. to ensure smooth finish as per sample approved by the Architect / Bank's Engineer.				
	The scope of work under the items includes execution of work at all heights and location including all shapes, curved walls etc. complete.				
	In case there is bulging / minor honey combing is noticed after removal of shuttering, the contractor will have to rectify the work at his own cost. The decision as to what constitute minor honey combing is left to the Architect / Bank's Engineer.				
	The Contractor will be responsible for arranging "design of concrete mix" through approved Institute at their own cost within the quoted rates only and will submit the Test reports to Bank/Architect for approval. No extra payment shall be eligible on this account.				
	Unless otherwise specified, only River Sand should be used. If the silt content is more then permissible limits, contractor will arrange washing of sand in rotary screw type washing machines within quoted rates and no extra payment shall be eligible for the same.				
	The flooring, raft & slab curing is to be done by pounding method only.				
	Checking of top level of slab should be done at every floor & it should be within IS tolerance limit / client requirement.				
	Frequency of testing for all materials like sand, aggregates, cement, steel should be as per IS standard.				
	The use of admixture, fly ash & crush sand should be as per concrete mix design.				
	Unless otherwise specified the cement to be used shall be Ordinary Portland Cement (OPC-53) of Approved make along with proportions of fly ash.				
3.1	PCC-WORKS (PCC: Volumetric Machine Mix)				
	Providing and laying in position machine mix PCC (plain cement concrete) under foundation, plinth protection, grade slabs, coping, sill concrete etc. including transporting, laying, compacting, finishing the surface in line, level and plumb as per requirement and curing etc. complete. The Rate to include necessary formwork, centring, shuttering, complete in all respects and execution of work at all heights and location with required leads and lifts complete as directed by Architect / Bank's Engineer. Approved make for Cement : ULTRATECH, ACC, RAMCO, INDIA, AMBUJA				
3.1.1	PCC 1:4:8 using 40 mm and downgrade metal For Column footings, Water sump footing, Septic tank footing, staircase,entrance stairs and Ramp etc.,	CU.M	112.00	6,500.00	7,28,000.00
3.1.2	PCC 1:4:8 using 40 mm and downgrade metal Under Building, Floors, Coping, Sills etc.	CU.M	75.50	6,000.00	4,53,000.00
3.1.3	PCC 1:2:4 using 20 mm and downgrade metal (Coarse Aggregate). Under Floors, Coping, Sills etc.	CU.M	4.00	7,000.00	28,000.00
3.2	READY MIXED REINFORCED CEMENT CONCRETE (M25 GRADE) - FOUNDATION & PLINTH				

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	<p>Providing and laying in position (M25) Ready mixed Reinforced Cement Concrete (RMC) (With minimum cement content of 340 kg/cum) for various RCC structural elements in any shape and design per structural drawings and as directed in foundation and plinth including Columns footings, Stub Columns, Raft, foundation, Plinth Bams, Floor Slabs etc. with cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer having continuous agitation, including pumping of R.M.C. from transit mixer to site of laying, spreading, compacting, finishing in line and level as per site requirements, including all lead, lift and cost of curing etc. complete.</p> <p>The Rate to include necessary formwork, centring, shuttering, including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability complete in all respects and execution of work at all heights and location with required leads and lifts etc. as directed by Architect/ Bank's Engineer. (Rate Excluding cost of reinforcement). Approved make for Cement: ULTRATECH, ACC, RAMCO, INDIA, AMBUJA.</p> <p>Approved RMC Makes: ULTRATECH, NAGARJUNA, ACC, L&amp;T</p> <p>Note: Price Considered is including 5% variation (+ or -) in the Cement Content.</p>				
3.2.1	Footings - Column Footing, Raft Slab or any other type of RCC foundation.	CU.M	277.50	9,500.00	26,36,250.00
3.2.2	Columns -Upto Plinth Level - Columns from Footing Top to Plinth level (Stub Columns)	CU.M	14.00	9,700.00	1,35,800.00
3.2.3	Plinth Beams/Tie Beams	CU.M	34.00	10,000.00	3,40,000.00
3.2.4	RCC Floor slab at Plinth Level.	CU.M	32.50	10,000.00	3,25,000.00
3.2.5	RCC Walls upto Plinth Level.	CU.M	55.50	10,500.00	5,82,750.00
3.3	READY MIXED REINFORCED CEMENT CONCRETE (M25 GRADE) - SUPER STRUCTURE				
	<p>Providing and laying in position (M25) Ready mixed Reinforced Cement Concrete (RMC) (With minimum cement content of 340 kg/cum) in all levels for various RCC structural elements in any shape and design as per structural drawings and as directed in Superstructure including Columns footings, Stub Columns, Raft, foundation, Plinth Bams, Floor Slabs etc. with cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer having continuous agitation, including pumping of R.M.C. from transit mixer to site of laying, spreading, compacting, finishing in line and level as per site requirements, including all lead, lift and cost of curing etc. complete.</p> <p>The Rate to include necessary formwork, centring, shuttering, including cost of admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability complete in all respects and execution of work at all heights and location with required leads and lifts etc. as directed by Architect/ Bank's Engineer. (Rate Excluding cost of reinforcement). (Above Plinth level and upto Floor Five Level). Approved make for Cement: ULTRATECH, ACC, RAMCO, INDIA, AMBUJA.</p> <p>Approved RMC Makes: ULTRATECH, NAGARJUNA, ACC, L&amp;T</p> <p>Note: Price Considered is including 5% variation (+ or -) in the Cement Content.</p>				
3.3.1	Columns, Pillars, Piers, Abutments, Posts, Struts etc. ( Above Plinth level and upto Floor Five Level )	CU.M	94.50	10,500.00	9,92,250.00

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
3.3.2	Floor Beams, Sloping Beams, Lintels, Cantilever Beams/Brackets etc. as per Structural Drawings. (Above plinth level and upto floor five level)	CU.M	145.50	11,000.00	16,00,500.00
3.3.3	Floor Slabs of various thickness including Sloping Roofs, Cantilever and Flat Slabs, Portico/ Poarch slabs etc. (Above plinth level and upto floor five level).Above 100 mm	CU.M	293.50	11,200.00	32,87,200.00
3.3.4	Staircase Waist Slabs, Steps, Landings as per design and Drawings. (Above plinth level and upto floor five level).	CU.M	15.00	11,500.00	1,72,500.00
3.3.5	RCC Walls for Sump well, OH Water Storage Tank, Septic Tanks etc. of all thickness upto Floor five level.	CU.M	93.00	11,800.00	10,97,400.00
3.4	STEEL REINFORCEMENT				
	Supplying and Fixing in position Tested Quality Fe550D grade TMT Steel reinforcement bars conforming to IS: 1786-2008 of any dia. for R.C.C. work at all levels as per details structural drawings including straightening, cutting, bending, placing in position and binding with two strands of annealed steel wire 0.9 to 1.6 mm thickness, twisted tight at every intersection of bars including necessary overlapping/Welding/providing sockets at joints as required complete, at all levels in complying with standard specifications and as per direction of Architect / Bank's Engineer. Mode of measurements: Length of reinforcement bars shall be actually measured (No separate measurements for Laps, Chairs, (after checking of reinforcement by structural engineer any suggestions to introduce the chairs wherever it is required) Etc) at site and its weight will be calculated considering prescribed "weight per meter" for respective dia. bars as per relevant IS code irrespective of actual weight. No rolling margins and wastage will be unadmissible for the purpose. <b>Up to plinth level.</b> Note: Steel Measurements will be done as per the Structural Drawings issued by the Architect. Approved Makes: SAIL/TATA/VIZAG/JSW.				
3.4.1	Thermo-Mechanically Treated bars of grade Fe-550 D or more. Up to plinth level.	Kgs	48,252.00	90.00	43,42,680.00
3.5	STEEL REINFORCEMENT				
	Supplying and Fixing in position Tested Quality Fe550D grade TMT Steel reinforcement bars conforming to IS: 1786-2008 of any dia. for R.C.C. work at all levels as per details structural drawings including straightening, cutting, bending, placing in position and binding with two strands of annealed steel wire 0.9 to 1.6 mm thickness, twisted tight at every intersection of bars including necessary overlapping/Welding/providing sockets at joints as required complete, at all levels in complying with standard specifications and as per direction of Architect / Bank's Engineer. Mode of measurements: Length of reinforcement bars shall be actually measured (No separate measurements for Laps, Chairs, (after checking of reinforcement by structural engineer any suggestions to introduce the chairs wherever it is required) Etc) at site and its weight will be calculated considering prescribed "weight per meter" for respective dia. bars as per relevant IS code irrespective of actual weight. No rolling margins and wastage will be unadmissible for the purpose. <b>Above plinth level (Upto Floor Five level).</b> Note: Steel Measurements will be done as per the Structural Drawings issued by the Architect. Approved Makes: SAIL/TATA/VIZAG/JSW.				
3.5.1	Thermo-Mechanically Treated bars of grade Fe-550 D or more. Above plinth level (Upto Floor Five level).	Kgs	1,03,373.00	92.00	95,10,316.00
4	MASONRY WORK				
4.1	Brick Masonry				

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	Providing and constructing Brick masonry walls in Superstructure using locally available approved quality Class designation 75 Bricks, well (Kiln/Chimney) burnt, uniform size and colour having average crushing strength not less than 75 kg/cm <sup>2</sup> in CM 1:5 for walls, shaft walls, parapets, drains, manholes, trenches etc. in proper line, level and plumb including striking out / raking out joints, curing, necessary scaffolding, etc. complete at all heights and levels as per the approved drawing and as per instructions of the Architect / Engineer-in-charge. Rate should be quoted considering execution of work above plinth level upto and inclusive Floor Five level).				
4.1.1	In Cement Mortar 1:5.	CU.M	188.00	7,300.00	13,72,400.00
4.2	Half-brick masonry work				
	Providing and constructing Half-brick masonry partition walls in Superstructure using locally available approved quality Class designation 75 Bricks, well ( Kiln/Chimney ) burnt, uniform size and colour having average crushing strength not less than 75 kg/cm <sup>2</sup> . Rate includes providing RCC patli beam 100mm thick including providing with 4 nos. 8 mm dia TMT bars and 8 mm dia TMT links at 300 c/c in cement concrete of mix M 20 at mid-height (height between two patli not exceeding 1.20m), required formwork etc. in proper line, levels and plumb including raking out joints, curing, necessary scaffolding, etc. complete at any floor height and levels as per the approved drawing and as per instructions of Architect / Engineer. Rate should be quoted considering execution of work above plinth level upto and inclusive Floor Five level).				
4.2.1	In Cement Mortar 1:3	SQ.M	538.50	1,050.00	5,65,425.00
4.3	CR Stone Masonry				
	Providing and constructing Coursed rubble masonry in Foundation and Plinth using approved quality chiesel dressed hard stone in C.M. 1:6 including providing headers at specified interval duly staggered in each course, providing corner stones, raking out joints, watering, curing, necessary scaffolding etc. complete. Rate should include levelling up with cement concrete 1:4:8 using graded stone aggregate 20 mm nominal size as required as per site conditions.	CU.M	15.50	8,000.00	1,24,000.00
<b>5</b>	<b>FLOORING &amp; FINISHING WORKS</b>				
5.1	Ceiling Plaster				
	Providing applying in position 10/12mm (average) thick single coat cement plaster to Ceiling, Soffit of Chhajja, Cantilever Balconies or any other RCC projection/surface in approved pattern and design in cement mortar 1:4 in proper line and level using approved quality silt free natural sand (Fine or Coarse as directed) at all heights and locations including necessary scaffolding, curing etc. complete as directed by the Engineer-in-charge. 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. Approved make for Cement : ULTRATECH, ACC, RAMCO, INDIA, AMBUJA	SQ.M	1,882.50	235.00	4,42,387.50
5.2	Internal Wall Plaster				



S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	Providing and applying in position average 12 /15mm thick smooth finish cement Plaster in cement mortar 1:5 to all inetrnal walls, using fine or Coarse sand 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 & 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. Approved make for Cement : ULTRATECH, ACC, RAMCO, INDIA,AMBUJA.	SQ.M	3,160.50	300.00	9,48,150.00
5.3	External Plaster				
	Providing and laying in position external Sand Face Cement Plaster, average 20 mm thk, in two coats, at all heights with first coat of av. 12 mm thk in Cement Mortar 1:5 using natural silt free fine sand, and second coat of average 6 mm thickness in C.M. 1:4, including necessary tagging, scaffolding, curing, roughening the first coat to recieve second coat of plaster etc, providing approved water proofing compound @1 kg per bag of cement or as specified by the manufacturer and adding polyproplyne fibre of approved make as per manufacturers specifications to prevent shrinkage cracks, complete as directed by the Engineer-in-charge. Approved make for Cement : ULTRATECH, ACC, RAMCO, INDIA,AMBUJA	SQ.M	1,544.00	450.00	6,94,800.00
5.4	Putty work for Internal				
	Providing and applying 2 or more coats of Birla putty on internal walls of average thickness of 3 to 4 mm in line & level including its rubbing with sand paper to ensure smooth & even surface including necessary scaffolding etc. complete.	SQ.M	5,042.50	250.00	12,60,625.00
5.5	Painting work for Internal				
	Providing and applying 2 or more coats of approved Royal / Luxury Acrylic Emulsion paint with roller finish over a coat of primer on internal walls including necessary scaffolding etc. complete as per manufacturers specifications. Make:- Asian / Nerolac / Berger / Dulex	SQ.M	5,042.50	450.00	22,69,125.00
5.6	Putty & Paint work for External				

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	<p>Providing and applying Elastomeric Paint to external walls on new surface as under:</p> <p>a) Providing applying 2 or more coats of External grade Birla putty on external walls in line &amp; level including its rubbing with sand paper to ensure smooth &amp; even surface</p> <p>b) Providing and applying one coat of water based Acrylic anti fungal Primer of approved quality and make as per sample approved.</p> <p>c) Providing and applying one coat of fibre reinforced membrane paint water proofing Coat of "Protek Basecoat" of Asian / "Weather coat long life Roof Guard" of Berger / "Aqua Touch" of ICI or equivalent approved by the SBI having crack bridging ability up to 2.00 mm, superior anticarbonation &amp; water proofing property.</p> <p>d) Providing and applying 2 or more coats of approved quality External Acrylic Emulsion paint, Exterior grade having anti fungal property, resistance to dust &amp; dirt accumulation, resistance to fading of colours etc. of approved colour and shade Apex Ultima (Asian) / Weather coat All Guard (Berger) / Weather Shield Max (ICI) or equivalent approved by the SBI.</p> <p>Note: Rates to include cleaning afterwards, necessary scaffolding / Cradle, debris safety netting, labour etc complete.</p> <p>Make: Asian Paints Ultima Protek / Berger Weather coat</p>	SQ.M	530.00	600.00	3,18,000.00
5.7	Vitrified Tile Flooring				
	<p>Providing &amp; 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.</p> <p>Rates to include providing &amp; 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 Engineer In-Charge.</p> <p>Make: Kaiaria, Somanv, Simpholo, Johnson, RAK, Nitco.</p>				
5.7.1	Double Charged Nano Polish Gloss / Matt finished Vitrified tiles: Size of Tile 600 x 600 mm	SQ.M	1,200.00	1,450.00	17,40,000.00
5.8	Anti Skid Digital Print Ceramic Tile Flooring				
	<p>Providing and laying in position Anti Skid Digital Print Ceramic Tile (9 mm min. thickness) flooring of approved colour, shapes and texture laid in required pattern in uniform line, level including laying avg. 20 to 25 mm thick bed of CM 1:6 (1 cement : 6 coarse sand) and neat white cement float, filling joints with neat cement slurry of appropriate colour, curing and cleaning complete. Tiles shall be free of any variation in colour or texture. in all aspects as specified and directed by the Engineer/Architect.</p> <p>Make: Kaiaria, Somanv, Simpholo, Johnson, RAK, Nitco</p>				
5.8.1	Size of 300 X 300 mm	SQ.M	51.00	780.00	39,780.00
5.9	Digital Print Ceramic Tile Dado				

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	Providing and fixing in position premium quality joint free / paper cut edges digital print ceramic wall tiles in walls/dado conforming to IS: 15622 (thickness to be specified by the manufacturer) of approved make, colours and shades as per sample approved by Engineer-in-Charge fixed over 15mm thick rough finished backing plaster in CM 1:4 fixed with neat cement slurry 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, cahmferring of tiles at corners and excution of work all heights and locations including necessary scaffolding etc. complete.. Make: Kajaria, Somany, Simpholo, Johnson, RAK, Nitco				
5.9.1	Size of 300 X 450 mm	SQ.M	207.50	900.00	1,86,750.00
5.10	Granite Stone Flooring				
	Providing and laying in position 18mm $\pm$ 2mm thick machine cut pre-polished Granite stone flooring and skirting in approved colour, shade, design and patterns as per architectural drawings ilaid over 20 mm ( average ) thick cement mortar 1:6 (1 cement : 6 coarse sand) bedding fixed and jointed with neat cement cement slurry and filling joints using white cement slurry admixed with pigment of matching shade or epoxy based joint filling compound of approved make including grinding, mirror polsihing, curing, nosing, making grooves etc. complete as specified in the Architectural drawings and as directed by the Engineer-in-Charge.				
5.10.1	In flooring using approved quality and shade Granite stone slabs not less than 1.00 Sqm in plan area	SQ.M	56.50	2,600.00	1,46,900.00
5.10.2	In Staircase landing, midlanding using Granite stone slabs not more than in two pieces for each landing including machine moulded fullbund edges duly mirror finish/polish complete.	SQ.M	65.50	2,850.00	1,86,675.00
5.10.3	In Staircase steps and risers, in single piece slabs of required size, with full round moulded mirror polished edges complete as per Architectural drawing and as direcetd by the Engineer-in-charge.	SQ.M	94.00	3,000.00	2,82,000.00
5.11	Chequered Tile Flooring				
	Providing and fixing in position 22mm thick Chequered terrazzo tiles with graded marble chips of size upto 6 mm in floors laid over avg. 20 to 25mm thick CM 1:6 bedding , jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including machine polishing complete. Make: Kajaria, Somany, Simpholo, Johnson, RAK, Nitco				
5.11.1	Tiles of 300x300mm with Medium shade pigment using 50% white cement, 50% ordinary cement.	SQ.M	439.50	550.00	2,41,725.00
5.12	Heat Resistant Terrace Tiles Flooring				
	Providing and fixing in position Heat Resistant Terrace Tiles Flooring and skirting using tiles of size 300 mm x 300 mm x 10 mm with SRI (solar refractive index) > 78 , solar reflection > 0.70 and initial emittance > 0.75 on waterproof and sloped surface of terrace, laid over avg 20 to 25 mm thick C.M. 1:6 (1 cement : 6 coarse sand) bedding and grouting the joints with mix of white cement & marble powder in ratio of 1:1, including machine cutting, grinding and polishing to achieve smooth surface complete in all aspects as specified and directed by the Engineer/ Architect. Make: Kaiaria, Somanv, Simpholo, Johnson, RAK, Nitco				
5.12.1	In flooring	SQ.M	439.00	1,250.00	5,48,750.00
5.12.2	In 150 mm high Skirting.	RM	93.50	100.00	9,350.00
6	<b>WATERPROOFING WORKS</b>				
	<b>PREAMBLE</b>				

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	Make : Pidilite Industries Ltd. / BASF India Ltd. / Sunanda Speciality Coatings / Sika / Fosroc / Asian / Dr. Fixit or equivalent approved by SBI All the waterproofing items shall be carried out by the reputed agency duly approved by the SBI.				
	The treatments shall be tested for water tightness and shall be guaranteed for water tightness in bone dry conditions for at least 10 years period. During this period, if any leakage is observed, the same shall be rectified by contractor through said agency to the satisfaction of SBI without any extra cost.				
	The Gaurantee shall be furnished on Rs. 500/- non-Judicial stamp paper to cover all the above conditions. The gaurantee shall be furnished by the contractor in prescribed format jointly signed by authorized and approved agency to this effect. Terrace Waterproofing Treatment				
6.1	Brick Bat Coba on Terrace				
	Providing and laying in-position integral cement based water proofing treatment average 120mm thick including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations:	SQ.M	483.50	1,200.00	5,80,200.00
	a)Applying neat cement slurry using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by the Bank over RCC slab including adjoining walls up to 300 mm height including cleaning the RCC surface neatly, removing mortar lumps, mortar splashings etc., if any, complete before treatment. b) Providing and laying maximum 20 mm thick cement mortar 1:4 (1cement : 4 coarse sand) admixed with water proofing compound (conforming to IS : 2645) at the rate of 1 kg/bag of cement or as per manufacturers' specifications, including laying in required position in flooring including curing the surface and testing the same for 7 days for water tightness.				
	c) Laying brick bats in cement mortar using broken bricks/brick bats of 25 mm to 115 mm size with 50% of cement mortar 1:4 admixed with approved water proofing compound conforming to IS : 2645 followed by 20 mm thick layer of cement mortar 1:4 admixed with water proofing compound to required slope and treating adjoining walls up to 300 mm height and including rounding at junctions of walls and slabs by following same process. d) After curing the surface by ponding for 5-7 days, applying a second coat of cement slurry using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by SBI. Mode of Measurement : Plan area inside parapet wall				
6.2	Waterproofing Treatment to Toilet Sunken and other Internal Wet Areas				
	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 : (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.	SQ.M	51.00	850.00	43,350.00
6.3	Sealing Around Pipe / Sleeve etc.				

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	Providing and laying non shrink, free flow, high strength cementitious grout material, of approved quality, to seal the annular gap around pipe periphery and core cut in the slab including providing and applying two way adhesive tape to be stuck around the pipe periphery within the cutouts section of the slab and prior to laying the grout manufacturers' specifications, followed by providing and applying liquid applied flashing around the pipe periphery joints.	NO.S	27.00	600.00	16,200.00
6.4	UG Sump Well and OH Water Storage Tanks Waterproofing				
	Providing and laying waterproofing and protective tank lining system through approved specialized agencies for U/G & O/H storage tank internally consisting of:	SQ.M	180.50	850.00	1,53,425.00
	<p>a. Cleaning the surface of the internal concrete surface of the floor as well as walls thoroughly by wire brushing and washing with high pressure water jet, to remove any loose laitance as well as contaminates, thereafter inspecting the concrete surface to identify any honeycombs, crack, voids or defects in the concrete such as cracks, construction joints etc., and sealing all such locations with solvent free epoxy mortar, using epoxy resin and hardener.</p> <p>b. Thereafter, providing and applying containment membrane lining system consisting of combination of epoxy and polysulphide formulation Epoxy Polysulphide formulation membrane lining cures to produce a tough, flexible coating system with excellent abrasion and chemical resistance and waterproof properties and consists of 2 component, which shall be applied in 2 coats by way of spray or roller to provide a minimum wet film thickness of 0.25 mm per coat with material consumption of approx. 0.3 Kg per Sqm per coat, all as per manufacturers recommendation etc. complete.</p> <p>c. Treatment used should be non toxic system, to be used in drinking water and potable water tanks, tested to BS 6920</p>				
7	<b>DOORS, WINDOWS, VENTILATORS &amp; PARTITION WALLS</b>				
7.1	Wooden Frames				
	Providing and fixing in position Door frames of any size 100 mm x 75 mm made out of 2nd Class approved quality Teak Wood, properly fixed to brick wall / R.C.C. columns etc. with 3mm thick 300mm long M.S. hold fast (each door frame to have minimum 6 nos. holdfast) including painting with enamel paint over a coat of wood primer, applying anti-termite / bitumen paint to the wooden surface in contact with walls / columns etc. complete as directed at site. Clear height / length / width of the frame shall be measured for payment.	CU.M	0.20	1,35,000.00	27,000.00
7.2	Door Single Shutter for BM cabin, Pantry, Staircase, Toilet Lobby, UPS etc.				
	Providing and fixing 35mm thick factory made Solid Core Flush Door Shutters of approved make (ISI mark confirming to IS:2202) as per sample approved including providing 6mm thick TW lipping all around on edges. Both faces of the shutter duly laminated with 1mm thick approved quality and shade laminate. The rate includes necessary screw/fastners, hardware and the cost of polishing/painting of edges of shutter complete with following hardware fittings per shutter:				

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	(i) 4 Nos. 125mm x 3mm SS Butt Hinges fixed with SS Screw. (ii) 2 Nos. SS Tower Bolt-200mm long fixed with SS Screw. (iii) 1 no, 90 mm SS Door Stopper fixed with SS Screw (iv) 8 mm thk. Clear glass Vision panel at required height and size as per Architectural drawing, fixed with approved quality moulded T.W. beading including polishing, enamel painting of beading complete as per sample approved. (v) 2 nos, 100 mm long SS handle (vi) 6-Lever Cylindrical Mortise Lock with computerised matching 3 set of keys of Doorset/ Godrej as per sample approved by the Bank/Architect.				
7.2.1	complete item as above item no 3 but providing and fixing one side 4 mm veneer with melamine polsh inplace of laminte .	SQ.M	9.50	8,000.00	76,000.00
7.3	WPC ( Wood Polymer Composite) Door for Toilets				
	Providing and fixing factory made single extruded WPC ( Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 5860 (Suspension Grade),calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N ( Edge), minimum compressive strength 50 N/mm2, modulus of elasticity 850 N/mm2 and resistance to spread of flame of Class A category with property of being termite/ borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge.				
7.3.1	30 mm thick	SQ.M	20.50	10,000.00	2,05,000.00
7.4	Providing and fixing fire resistant door frame of section 143 x 57 mm having built in rebate made out of 16 SWG G.I. sheet (zinc coating not less than 120 gm/sqm) duly filled with vermiculite based concrete mix, suitable for mounting 60 minutes fire rated door shutters. The frame is fitted with intumescent fire seal strip of size 10x4 mm (minimum) around the frame and fixing with dash fastener of approved size and make, including applying a coat of approved brand fire resistant primer etc. complete as per direction of Engineer-in-charge (Dash fastener to be paid for separately).	METRE	97.00	1,526.16	1,48,038.00
7.5	Providing and fixing 50 mm thick glazed fire resistant door shutters of 60 minutes fire rating conforming to IS:3614 (Part-II), tested and certified as per laboratory approved by Engineer-incharge, with suitable mounting on door frame, consisting of vertical styles, lock rail, top rail 100 mm wide, bottom rail 200 mm wide, made out of 16 SWG G.I.sheet (zinc coating not less than 120 gm/sqm) duly filled FR insulation material and fixing with necessary stainless steel ball bearing hinges of approved make, including applying a coat of approved fire resistant primer etc. all complete as per direction of Engineer-in-charge (panneling to be paid for separately).	SQM	37.00	6,726.25	2,48,871.00

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
7.6	Providing and fixing glazing in fire resistant door shutters, fixed panels & partitions etc., with G.I. beading made out of 1.6 mm thick G.I. sheet (zinc coating not less than 120 gm/sqm) of size 20 x 33 mm screwed with M4 x 38 mm SS screws at distance 75 mm from the edges and 150 mm c/c , including applying a coat of approved fire resistant primer/powder coating of not less than 30 micron on G.I. beading, & special ceramic tape of 5 x 20 mm size etc complete in all respect as per NBC 2016, IS 16231 (Part 3):2016 and as per direction of Engineer-in-charge with glass of required thickness having 60 minutes of fire resistance both integrity & radiation control (EW60) and minimum 20 minutes of insulation (EI20). The manufacturer have to give test report/ certification of fire glass and the glass should have the stamp showing the value of E, EW & EI. The glass shall be tested in approved NABL accredited lab or by any other accreditation body which operates in accordance with ISO/IEC 17011 and accredits labs as per ISO/IEC 17025 for testing and calibration scopes shall be eligible. The maximum glazing size shall not be more than 1100x2200 mm (w x h) or 2.42 sqm.	SQM	2.00	36,077.36	72,155.00
7.7	Providing and fixing panic bar / latch (Double point) fitted with a single body, Trim Latch & Lock on back side of the Panic Latch of reputed brand and manufacture to be approved by the Engineer- in- charge, all complete.	EACH	18.00	7,469.98	1,34,460.00
7.8	UPVC Windows & Ventilators				
	Providing & fixing in position factory made uPVC white colour sliding window up to 1.50 M to 2.4M in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 15. to 2.52 mm thick depending upon the window galvanised mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimensions of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gaskets, wool pile, touch locks with hooks, with single nylon rollers (weight bearing capacity to be 80/ 150 Kg), SS fasteners 100 x 8 mm size for fixing frame to finished wall and 5 degree gradient slope in track (drainage track) comes with threshold, low threshold without threshold option & necessary stainless steel screws etc 8 mm thick toughened glass panes (ST 136) , fixed in shutters, flush handle, C handle, D handle with locking arrangements as per manufacturers specifications etc. complete. Make: Fenesta, Reheau, Veka or approved equivalent				
7.8.1	Partially Top Hung & Partially Fixed Windows	SQM	27.50	12,000.00	3,30,000.00
7.8.2	Slider (3 track & 3 panels) Windows	SQM	85.50	8,000.00	6,84,000.00
7.8.3	Top Hung with Exhaust Ventilator	SQM	6.00	9,700.00	58,200.00
7.9	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
7.9.1	For fixed portion				
7.9.1.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	KG	1,449.00	474.03	6,86,869.00

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
7.9.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
7.9.2.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	KG	323.50	566.49	1,83,260.00
7.10	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.				
7.10.1	Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side	SQM	45.50	1,017.26	46,285.00
7.11	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):				
7.11.1	With float glass panes of 4.0 mm thickness (weight not less than 10kg/sqm)	SQM	11.50	1,050.74	12,084.00
7.11.2	With float glass panes of 8 mm thickness (weight not less than 20 kg/sqm)	SQM	132.50	1,504.86	1,99,394.00
7.12	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.				
7.12.1	With stainless steel cover plate minimum 1.25 mm thickness	EACH	14.00	2,521.36	35,299.00
7.13	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.				
7.13.1	Upto 5mm depth and 5 mm width	METRE	196.00	86.39	16,932.00
7.14	Providing and fixing Brass 100mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete.	EACH	11.00	472.20	5,194.00
7.15	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in-charge				
7.15.1	Powder coated minimum thickness 50 micron aluminium	EACH	28.00	97.59	2,733.00
7.16	Providing and fixing partition upto ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/sqm(both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, -				



S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	- including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete.				
7.16.1	66mm overall thickness partition using 8mm thick, double skin multipurpose cement board Type-B, Category-III as per IS: 14862 : 2000 reinforced with cellulose fibre manufactured through autoclaving process (High pressure steam cured) with suitable fibre cement screws	SQM	9.00	1,841.88	16,577.00
7.17	Supplying & Installation of Strong Room Door - Model No.: Def PRIME SRD+GG CLASS-B BIS KL 83030000 & made with double-duty barrier material and a torch and drill matrix to provide superior resistance against attacks by drill machines, oxy-acetylene torches, and more. The doors come fitted with two dual-control high-precision locks, as well as automatic relocking deadlocks. The following Technical specifications are * Overall Size - 212.8cm x 1254cm * Clear Opening - 195.3cm x 91cm * Thickness of door with lock case - 19.2cm * Overall door thickness including frame and grill gate - 30cm * Recommended for wall thickness - 30.5-38cm * Door swing - 106cm * Grille gate swing - 99cm * Projection of door when opened at 90 - 108cm * Projection of door when opened at 180 - 29.5cm * Overall width of door and frame for max clear opening - 186.7cm * Overall width of door and frame for when fully opened - 222.4cm * Approx. weight - 965 kg * Locking Mechanisms are also available in (a) Combination Lock (b) Electronic Lock (c) Biometric Lock (d) Time Lock.	EACH	2.00	6,20,077.12	12,40,154.00
7.18	Supplying & Installation of Strong Room Air Ventilator ensures air passage and proper ventilation in the vault room by expelling air from the fan through a box-shaped steel channel. The air ventilator can be adjusted within a range of 30cm to 46cm for a secure fit on the wall. It is equipped with 1cm thick MS front and rear plates reinforced with a 5cm thick oxyacetylene flame-resistant plate. Its welded structure protects it against burglary, while a pair of baffle plates ensures that no flames can enter the vault room directly in the event of a fire breakout. * Packaging Dimensions - 48.5cm x 48.5cm x 42.5cm * Weight - Net 70 kgs & Gross - 85 Kgs * Colour - TR grey	EACH	4.00	57,090.68	2,28,363.00
<b>8</b>	<b>STEEL WORKS</b>				
8.1	MS Fabrication work				

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	Providing, Fabricating & fixing in-position MS Agnle 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 & 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 Engineer-in-Charge.	KG	10,171.00	110.00	11,18,810.00
8.2	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.				
8.2.1	Hot finished welded type tubes	KG	6,456.50	150.00	9,68,475.00
8.3	Stainless Steel Grills/Railing				
	Providing and fixing in position, at all heights, levels and location, stainless steel of specified Grade for balcony Grilles, Staircase Railing etc. made up of SS hallow tubes, channels, plates etc. as per approved drawing, including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing rigidly with floor, walls etc. using required accessories including stainless steel dash fasteners, stainless steel bolts etc. of required size on the floor or on side of waist slab, Balconies with suitable arrangements as per approval of engineer-in-charge. Rates to include necessary civil repair for making the surface good, scaffolding etc. complete as directed at site.				
8.3.1	Using Stainless Steel Grade 304 Sections.	KG	548.50	350.00	1,91,975.00
8.4	Collapsible Gate				
	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of Tiron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer with two or more coat of synthetic enamel paint.	SQ.M	39.00	4,500.00	1,75,500.00
9	ELEVATION WORKS				
9.1	ACP Cladding for walls, Projections and Vertical Fins:				
	Providing and installing aluminium composite panel cladding, for walls, Projections and Vertical fins as design elements with finished size of Fins 58mm X 300mm X 3600mm comprising of necessary FRAME WORK in 50mm x 25mm x 2.0 mm thk @ 600mm C/C Both ways in extruded aluminium section angles, brackets, fastners etc. to exterior surface in straight panels with 4 mm thick exterior grade aluminium composite panels comprising of two skins of 0.5 mm thick aluminium on both side, laminated to a thermoplastic core with one outer skin of aluminium coating with PVDF coating in solid & metallic colour as required. The ACP panels of required size as per the architectural drawings to be fixed after making tray from all sides with 20mm flange after making groove with router to be fixed to frame work of required aluminium extruded section.	SQ.M	1,014.50	4,633.00	47,00,178.50

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	The ACP panel trays to be fixed to aluminium frame work with the help of aluminium angle cleat of required size & thickness, pan headed SS tempered screws of required length. All joints to sealed using weather silicon sealant of Dow corning make of grade DC 789 or equivalent after providing backer rod at all junctions / joints of ACP tray to make entire cladding water tight with The entire job monolithic silicon grooves includes the cost of providing bird/ vermin proof seal at bottom and flashing at top, removal of masking film & finally cleaning the panels to make adhesive & dust free. The rate shall be inclusive of all the material, labour, hardware, MS Double Scaffolding, transportation necessary required for the complete execution of the item as directed by the Architect / Bank's Engineer. Approved Makes: EURO BOND, AULCOBOND, SUMANGALAM.				
9.2	STRUCTURAL GLAZING WITH DOUBLE GLASS PANEL				
	Designing, Providing and installing semi unitised structural glazing with Double glass panel, 6mm toughened Glass of Royal Blue ST 750 of saint gobin (outside ) & 6mm thick heat strengthen high performance clear glass (inside) with reflective coating on surface outside and in vision/ spandrel panels including structural silicon sealant of Dow Corning make grade DC 995 or approved make, all mullions, transomes, gutters, sills, trims for vision and spandrel panel and including providing and installing anodised aluminium extruded frame work (minimum 20 microns) in approved colour, stainless steel brackets of SS 316 Grade,clamps, stainless steel bolts, nuts washers & shims, approved stainless steel expansion fasteners (HILTI )or equivalent with stainless steel bolts nuts and washers spacer tape of Norton make Corning make grade DC 789 or of approved make /EPDM gaskets drainage provisions weather seal flashing and seal at all interfaces with building structure, openings, louverd and cladding system etc. all complete as per specifications and shop drawings based on design approved by Architect / Bank's Engineer.	SQ.M	434.50	10,486.00	45,56,167.00
	The Mullions of 104x61x2mm thk shall be at 600mm C/C distance and transoms of 63x40x1.5 mm thk shall be at 1200 mm C/C distance, Extruded section shall be designed to accommodate for double glazing as per the directions. Final size of the Glass panel 600mm X 1200mm.				
	Vision panel of DGU with 6mm toughened Glass of Royal Blue ST 750 of saint gobin +12mm thk argon gas + 6mm thick heat strengthen high performance clear glass as per the directions of Architect / Bank's Engineer.				
	The rate shall be inclusive of all the necessary material, required hardware, labour, transportation,scaffolding necessary for the complete execution of the item, etc. Approved Makes of Glass : SAINT GOBAIN, ASAHI FLOAT, MODI GUARD.				
	NOTES : 1. After completion of the work, the Contractor should do Water test with high pressure for leakages if any after execution as per the directions of Architect / Bank's Engineer. 2. The Contractor should do Maintenance (Cleaning once in Every three months inteval for Structural Glazing, ACP and Canopy work) for one year at free of cost above defects liability period. 5% value of the work for this item would be hold with the bank, released after completion of Maintenance period.				

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
9.3	EXTRA FOR TOP HUNG OPENABLE IN THE INSIDE STRUCTURAL GLAZING : Extra for Top hung openable made of any size in structural glazing for the air flow using pulse handle and SS hinges with the sash frame resting on the transom and opening allowed upto 30 degrees. The cost is over and above the structural glazing at item no.4(a).	SQ.M	36.50	4,254.00	1,55,271.00
<b>10</b>	<b>EXTERNAL DEVELOPMENT</b>				
10.1	Paver Block Flooring				
	Providing and laying approved quality chamfered edge factory made, rubber moulded, M-30 grade cement concrete interlocking paver block manufactured through block making machine with strong vibratory compaction, of approved size, design and shape, laid in required colour and pattern including laying 50 mm thick compacted bed of coarse sand, filling the joints with fine sand, finishing and sweeping extra sand etc. in footpath, compound area, driveway etc. complete as per the direction of Engineer-in-charge. The rates to inclusive of cutting of paver blocks as per required size and pattern. Make : Alcock, Vyara, Pavit, Kaptim or equivalent approved by the Bank.				
10.1.1	60/65 mm thick Paver block	SQ.M	281.50	1,200.00	3,37,800.00
10.2	Kerb stone				
	Providing and laying approved quality, factory made M25 grade cement concrete Kerb Stone of size 450 X 300 X 150mm fixed in proper line, level and curvature, jointed with cement mortar 1:2 (1 cement : 2 coarse sand), including making joints with or without grooves ( thickness of joints except at sharp curve shall not to more than 5mm), including making drainage openings, wherever required, including painting with 2 coats of exterior grade weather proof paint in desired shade complete etc. as per direction of Engineer-in-charge. (Precast C.C. kerb stone shall be approved by Engineer-in-charge). Note : Length of finished kerb edging shall be measured for payment. Make : Kaptim, Alcock, Vyara, Pavit or equivalent approved by the bank.	RM	105.50	1,400.00	1,47,700.00
<b>11</b>	<b>SANITARY FIXTURES AND FITTINGS</b>				
11.1	Floor Mounted European WC				
	Providing and fixing white vitreous Floor Mounted European Water Closet of size 55 X 36 X 39 cm (minimum) with heavy duty solid plastic seat cover along with lid, GI rag bolts, Pan connector all necessary fittings and hardware etc. 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 Engineer-in-Charge. Model : Hindware - Green 20079 / Jaquar - CNS-WHT- 551PSPP / Cera - Signa - S1051108 or equivalent approved by SBI	EACH	9.00	7,000.00	63,000.00
11.2	Wall Mounted PVC Cistern				
	Providing and fixing Wall Mounted P.V.C. Low Level Flushing Cistern with manually controlled device handle lever conforming to IS : 7231, including flexible PVC braided hose pipe (with Nipple, Nut, O-Ring), flush bend with gasket and installation kit, all fittings and fixtures, cutting and making good the walls and floors wherever required etc. complete as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge. Model : Hindware - Sleek Fresh Single Flush / Cera Corona - B1010101 / Parryware - Slimline E8093 or equivalent approved by SBI	EACH	9.00	7,000.00	63,000.00
11.3	Health Faucet				

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	Providing and fixing CP ABS Health Faucet with regulator including accessories like CP ABS Wall Hook, and 1.00 mtr. (min.) long flexible SS braided hose pipe (with Nipple, Nut, O-Ring) with gasket, installation kit, all other fittings and fixtures as per the manufacturer's specification etc. complete as per the directions of the Engineer-in-Charge. Model : Hindware - F160068CP / Jaquar - ALD-CHR- 573 / Cera - F8030109AB or equivalent approved by SBI	EACH	9.00	1,600.00	14,400.00
11.4	Urinal with Sensor				
	Providing and fixing white vitreous AC Supply based Infrared Sensor Operated Urinal of size 29 X 32 X 57 (minimum) with Sensor kit having 2 litre water per flush or equivalent with water inlet from back side, including fixing to wall with suitable C. I. brackets, GI rag bolts, C.P. brass waste coupling 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 Engineer-in- Charge. Urinal Model: Hindware - Flow - 60021 / Jaquar - URSWHT- 13255 with Sensor - SNR-STL-51083 / Cera - Calcia EFS - S4010101 or equivalent approved by SBI	EACH	6.00	16,000.00	96,000.00
11.5	Below Counter Wash Basin				
	Providing and fixing white glazed vitreous Below Counter Wash Basin of size 56 x 45 cm (minimum) with all accessories like C.P. brass pop-up waste coupling, PVC Waste pipe, PVC connection pipe and necessary fittings and hardware like basin clip etc. as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Engineer in- Charge. Basin : Hindware - Zen 10049 / Jaquar - Continental - CNS-WHT-705 / Cera - Oval - S2030104 or equivalent approved by SBI Pop-up Waste Coupling : Hindware / Jaquar / Cera or equivalent approved by SBI	EACH	11.00	5,000.00	55,000.00
11.6	Kitchen SS Sink				
	Providing and fixing Stainless Steel grade 304 Kitchen Sink confirming to IS: 13983 with C.I. painted brackets including 40mm dia. C.P. waste coupling, C.P. brass chain and rubber plug, choke-stop strainer, with necessary C.P. brass unions, PVC waste pipe etc. all complete including cutting and making good the walls wherever required etc. complete as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Engineer-in- Charge. Kitchen Sink with Drain Board of minimum size 1000 X 500 mm and bowl minimum size 465 X 410 X 215 mm. Sink (Glossy) : Nirali - Elegance Ultra - Large / Hindware - Platina 40X20X8 / Cera - Classic - B4512203 Prince or equivalent approved by SBI Waste Coupling, Choke-Stop Strainer, Brass Chain : Nirali / Hindware / Cera or equivalent approved by SBI	EACH	1.00	18,000.00	18,000.00
11.7	Bottle Trap				
	Supply and fixing 32 mm heavy quality C.P. Brass Bottle Trap with cleaning eye, extension piece and wall flange including all necessary fittings etc. complete as per the Architectural drawings, as specified, as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge. Model : Hindware - F850004 / Jaquar - ALD-769L300x190 / Cera - F8060401or equivalent approved by SBI	EACH	11.00	2,000.00	22,000.00
11.8	P.V.C. Flexible Waste Pipe				

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	Providing & fixing P.V.C. Flexible Waste Pipe 40 mm dia. & up to 1mtr. Length for sink or wash basin including P.V.C. waste fittings complete as per the directions of Engineer-in-charge.	EACH	1.00	350.00	350.00
11.9	Urinal Partition				
	Providing and fixing in line, level and plumb curved shaped HPL Board Urinal Partition of height 900 mm, width 500mm and thickness 12mm of approved colour and design to be installed as per manufacturer instructions with standard SS-304 grade accessories like right angle bracket, screws and PVC wall plugs etc. complete as per direction of Engineer-in-charge.	EACH	6.00	5,000.00	30,000.00
11.10	Towel Holder Ring				
	Providing and fixing 600 mm long C.P. Brass Towel Holder Ring of approved quality with all necessary accessories and hardware like C.P. brass wall flange, screws, rawl plug including drilling holes in walls and making it good etc. complete as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge. Model : Hindware - F880007CP / Jaquar - ACN-CHR-1121BN / Cera - Hera - F5007105	EACH	11.00	1,500.00	16,500.00
11.11	Double Coat Hook				
	Providing and fixing in position C.P. Brass Double Coat Hook of approved quality with all necessary accessories and hardware like C.P. brass wall flange, screws, rawl plug including drilling holes in walls and making it good etc. complete as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge. Model : Hindware - F880004CP / Jaquar - ACN-CHR-1161N / Cera - Montana F5002108	EACH	9.00	800.00	7,200.00
11.12	Liquid Soap Dispenser				
	Providing and fixing C.P. Brass Liquid Soap Dispenser of approved quality with all necessary accessories and hardware like C.P. brass wall flange, screws, rawl plug including drilling holes in walls and making it good etc. complete as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge.	EACH	11.00	1,600.00	17,600.00
11.13	Mirror				
	Providing and fixing in position Bevelled Edge Mirror made up of approved quality 5 mm thick approved quality toughed glass fixed on 6 mm thick MR ply / Asbestos sheet fixed to wooden cleats with 25 mm dia. S.S. stud fitting in all corners complete in all respects with fittings and hardware as directed by Engineer-in-charge. Make:- Saint Gobain / Aasahi Float / Modi Guard or equivalent approved by SBI	SQ.M	6.11	2,000.00	12,212.20
11.14	Nahani Trap with SS Gratings				
	Providing & fixing PVC Nahani trap of 75mm dia diameter, with necessary distance piece of 75mm dia pipe and 150x150mm SS grating, making necessary slab / wall holes and cutting walls, etc. complete as directed by Engineer-in-charge. (Toilet Area + Kitchen / Utility Area + Balcony Drain) Make: Astral / Supreme / Prince or equivalent approved by SBI	EACH	25.00	850.00	21,250.00
11.15	Bib Cock				
	Providing and fixing 15 mm C.P. Brass Bib Cock of approved quality with aerator, wall flange etc. complete as per the directions of the Engineer-In-Charge. Model : Hindware - F400002CP / Jaquar - OPP-CHR- 15037PM / Cera - Chelsea F1016151 or equivalent approved by SBI	EACH	2.00	1,700.00	3,400.00
11.16	Single Lever Basin Mixer				

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	Providing and fixing CP Brass Single Lever Basin Mixer, with aerator, 450 mm long SS braided hose pipe (with Nipple, Nut, O-Ring) with gasket, installation kit, all other fittings and fixtures as per the manufacturer's specification etc. complete as per the directions of the Engineer-in-Charge.				
11.16.1	Regular Basin Mixer - Hindware - F400001CP / Jaquar - OPP-CHR-15011BPM / Cera - Chelsea F1016451 or equivalent approved by SBI	EACH	11.00	7,000.00	77,000.00
11.17	Kitchen Sink Mixer				
	Providing and fixing wall mounted 15 mm C.P. Brass Sink Cock of approved quality with long swivel spout, aerator, wall flange etc. complete as per the directions of the Engineer-In-Charge.				
11.17.1	Swan Neck Sink Mixer : Hindware - F280020CP / Jaquar - FLR-CHR-5309N / Cera - Ripple F1017501 or equivalent approved by SBI	EACH	1.00	6,000.00	6,000.00
11.18	Angle Cock				
	Providing and fixing 15mm C.P. Brass Angle Cock of approved quality with wall flange etc. complete as per the directions of the Engineer-In-Charge. Model : Hindware - F330043CP / Jaquar - CON-CHR-059KN / Cera - Ocean - F3001201 or equivalent approved by SBI	EACH	21.00	800.00	16,800.00
11.19	Conceal Stop Cock				
	Providing & fixing C.P. Brass Concealed Stop Cock consisting of concealed body of stop cock, including C.P. exposed part kit having sleeve, handle and wall flange with all fittings and fixtures, cutting and making good the walls wherever required etc. complete as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge.				
11.19.1	15 mm Bore : Hindware - Concealed Body - F850096CP & Exposed Kit - F330009CP / Jaquar - Concealed Body - ALD-CHR-083 & Exposed Kit - CON-CHR-083FTK / Concealed Body - F4050102 (15 mm) & Exposed Kit - Ocean - F3001351 / or equivalent approved by SBI	EACH	9.00	1,200.00	10,800.00
11.20	PVC WC Connector				
	Providing and fixing PVC WC Connector (straight or bend type) with rubber lip ring including 110 mm dia PVC pipe / bend of required length and proper connection with Mseal to C.I. pipe etc. complete as directed by Engineer incharge	EACH	9.00	800.00	7,200.00
<b>12</b>	<b>SEWERAGE/ DRAINAGE/ WATER SUPPLY</b>				
12.1	PVC Pipes With Fittings				
	Providing, fixing, testing and commissioning in position SWR PVC Pipe Type - B (6Kg/sq.cm) self fit-pipe conforming to IS:13592 including all specials and fittings such as bends, junctions, inspection doors, offsets, vent cowl, access pieces / plugs, all jointing with PVC adhesive and checking it to be water tight including chase cutting, drilling holes and fixing pipes to wall, floor, slab firmly with necessary G.I. supports, clamp, hangers, nuts, bolts, washers and making good the same etc. complete as directed by the Engineer-in-charge. Rate should include necessary excavation in trenches and refilling and repairing the surface to its original position including execution of work at all heights and locations. Make: Astral / Supreme / Prince or equivalent approved by SBI				
12.1.1	75mm dia	RM	125.00	500.00	62,500.00
12.1.2	110mm dia	RM	195.00	600.00	1,17,000.00
12.2	CPVC Pipeline With Fittings				

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	Providing, Laying cutting, jointing, fixing and Testing of SDR-11 Chlorinated Polyvinyl Chloride (CPVC) Pipes conforming to IS:15778, UV resistant, having thermal stability for hot & cold water supply, including all types of CPVC plain & brass treaded specials and fittings as per the requirement, jointing of pipes and fittings with one step CPVC solvent cement and by Teflon tape on threaded end etc. complete as per the manufacturer's specifications and as per the directions of the Engineer-in-Charge. Make of all fitting shall be similar to pipe make. Rates including concealed work / surface mounted, chases cutting and fixing pipe with GI / CPVC clamps at 1.00 mtr. minimum spacing and making good the walls etc. Make: Astral, Supreme, Prince or equivalent approved by SBI				
12.2.1	25 mm nominal dia Pipes	RM	110.00	650.00	71,500.00
12.2.2	32 mm nominal dia Pipes	RM	30.00	700.00	21,000.00
12.3	G.I. Pipes With Fittings				
	Providing and fixing G.I. pipes complete with G.I. fittings and concealed the pipe including trenching and refilling etc. Rate should include necessary excavation in trenches and refilling and repairing the surface to its original position including execution of work at all heights and locations. Make:- Jindal / TATA / Swastik / Hindustan.				
12.3.1	40mm dia Pipes	RM	95.00	650.00	61,750.00
12.4	Gate Valve				
	Providing and fixing in position ISI marked Class-2 Gate Valve (Screwed End) of approved quality, made up of Bronze, with CI Wheel with minimum working pressure of 15kg/cm <sup>2</sup> , confirming to IS : 778 - 1984, with necessary fittings and hardware etc. complete as per the manufacturer's specifications and per the directions of the Engineer-in-Charge. Rate should include necessary excavation in trenches and refilling and repairing the surface to its original position including execution of work at all heights and locations with necessary scaffolding, staging etc. complete.				
12.4.1	40 mm nominal bore	EACH	4.00	700.00	2,800.00
12.5	NP-2 RCC Pipes including Fittings				
	Providing, laying, jointing, testing and commissioning ISI Marked Non-Pressure NP-2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2, testing of joints etc. complete including cutting the pipe to required length, excavating (mechanically / manually) trenches of required width and depth for pipes, getting out the excavated materials, dewatering, laying 100mm thick Bed P.C.C. in 1:3:6 , refilling the soil as required in layers not exceeding 20 cm in depth, including consolidating each deposited layers by ramming, watering, levelling etc., stacking serviceable material and disposal of unserviceable material as directed by Engineer-in-charge. Make : Indian Hume / KK Spun / equivalent approved by SBI				
12.5.1	150 mm dia. R.C.C. pipe	RM	35.00	500.00	17,500.00
12.6	Gully Trap				



S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	Providing and fixing Square Mouth PVC gully trap of grade 'A' complete with C.I. grating embedded in brick masonry chamber with first class bricks in CM 1:5 and trap to be set in cement concrete 1:2:4, both side 12mm thick plastering with floating coat of neat cement, making necessary connections and providing water tight double seal FRP Heavy duty cover with frame of 300 x 300 mm internal size. The rate also includes necessary excavation (mechanically / manually) to the required depth, dewatering, backfilling earth in exposed side, watering, ramming and removing the surplus excavated material and making good the same etc. complete as directed by Engineer-in-charge. 450 x 450 mm chamber with 230 x 160 mm size 'P' trap. FRP Cover Make: Thermodrain / Fibrocast / Sintex	EACH	3.00	1,200.00	3,600.00
12.7	Inspection Chamber / Manhole				
	Designing and constructing Inspection Chamber of varying depth and sizes, details as under: a. P.C.C. bed in cement concrete 1:3:6. b. R.C.C. for Foundation Slab of average 100 mm thick in cement concrete cement concrete 1:1½:3 mix with bottom reinforcement 8ø @ 200 c/c both way, alternate bent-up. c. Brick Masonry 230 mm thick with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in CM 1:4. d. RCC Top Slab 150 mm thick in cement concrete 1:1½:3 mix and top & bottom reinforcement 8ø @ 150 c/c both way including embedding with frame for manhole. e. Plastering inside and outside of average 12 mm thickness with cement mortar 1:3 with a floating coat of neat cement on inside face including proper water proofing to ensure no ground water seepage in the manhole				
	f. Providing & fixing PVC coated M.S. foot rests of 20mm ø at 300 mm spacing, benching and making channels with 1:2:4 cement concrete neatly finished. g. The rate also includes excavation (mechanically / manually) in all kind of soil up to required depth, dewatering, necessary centring & shuttering, curing, backfilling earth in exposed side, watering ramming and removing the surplus excavated material and making good the same complete as required. Note :- Construction as per design and drawings approved by the Bank				
12.7.1	Chamber size 450 X 900 mm (inside)				
12.7.1.1	Up to 600 mm depth	EACH	3.00	11,000.00	33,000.00
12.7.2	Chamber size 600 mm dia. (inside) at top & 1500 mm dia. (inside) at bottom and depth up to 2.23 mtr.	EACH	1.00	8,000.00	8,000.00
12.8	FRP Manhole Cover with Frame				
	Providing and Fixing FRP Manhole Cover with Frame tested as per BS EN 124:1994 and AASHTO H-20 and H-25. Make : Thermodrain / Fibrocast / Sintex				
12.8.1	Heavy duty of size 450 x 900 mm internal size with load bearing capacity up to 2.5 tones	EACH	3.00	2,000.00	6,000.00
12.8.2	Heavy duty of size 600 mm dia internal size with load bearing capacity up to 2.5 tones	EACH	1.00	3,000.00	3,000.00
13	<b>HORTICULTURE &amp; LANDSCAPING WORKS</b>				
13.1	Bed Preparation				

S.NO.	DESCRIPTION OF WORKS	UNIT	QUANTITY	RATE	AMOUNT
	Preparation of beds for hedging and shrubbery by excavating 600 mm deep and trenching the excavated base to a further depth of 300 mm, refilling pit with mixture of good soil and farm yard manure after mixing it in 2:1 proportion (2 parts of good soil : 1 part of farm yard manure), flooding with water, filling with earth if necessary, watering and finally fine dressing, levelling etc. complete. Rate includes stacking of serviceable material or spereading the same within the plot/premises as directed and also disposal of materials declared unserviceable, within or outside the premises, including the cost of transportation, loading/unloading, payment applicable royalty, if any to local administration etc. complete. as directed by Engineer-in-charge. For per Sqm area - (Soil 0.03 Cum, Organic Manure 21.52 Kg)	SQ.M	104.00	4,500.00	4,68,000.00
13.2	Bermuda Grass				
	Supplying and dibling of approved quality Bermuda Grass Roots of approved quality at all heights / levels / slopes etc. complete. The grass should not contain any other variety of grass and weeds. The dibling should be in rows of not more than 7.5 cm apart in either directions. The work should be done as per specifications and as directed by Engineer-in-charge.	SQ.M	104.00	550.00	57,200.00
	The rates also includes watering and maintenance of the lawn for 60 days or more till the grass forms thick lawn free from weeds fit for moving including supplying & spreading of manure, oil cake such as neem khali, urea etc as per requirement complete.				
13.3	Plantation				
	Supply and plantation of various types of healthy decorative / flowering trees, plants, hedges, land covers etc. as per specification and directions of Consultant and also replacing the similar plants in case of death of any plant, during maintenance period. The plants will be selected and approved by the Bank before plantation. The rate shall include cost of excavation, earth, manure and maintenance etc.				
13.3.1	Medium Sized Plants of 1000 to 1500 height	EACH	70.00	3,000.00	2,10,000.00
13.3.2	Tall Plants of 2000 mm and above height	EACH	30.00	5,000.00	1,50,000.00
	<b>Total Estimated Amount</b>				<b>6,06,30,566.97</b>
	Percentage Above / Below (+/-) ( in figures)			_____%( percent)	
	Percentage Above / Below (+/-) (in words)			_____%( percent)	
	Final Quoted amount (Rs.) (Excluding GST)				