

<b><u>N.O.W. - FURNISHING OF STATE BANK OF INDIA</u></b>						
<b><u>ADMINISTRATIVE OFFICE, MOHALI.</u></b>						
<b><u>ESTIMATE FOR THE CIVIL WORKS.</u></b>						
<b>S.No.</b>	<b>DSR REF.</b>	<b>Item</b>	<b>Quantity</b>	<b>Units</b>	<b>Rate</b>	<b>Amount</b>
		<b>Preamble</b>				
		<b>Rate shall be inclusive of following :</b>				
	1	The serviceable and unserviceable materials shall be stacked separately and properly in the designated place and to be Stacked/Stored at designated till the disposal / reuse of the same. The debris, excess materials is to be carted outside the premises and disposed off at the Municipal Corporation designated place up to any lead, lift and level by the Contractor at his own cost.				
	2	All the works are to be carried out at all heights and locations i.e. from foundation level, Ground Floor of the building up to the Over Head Water Tank roof slab or Mumty roof slab, as applicable.				
	3	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to any height (entire height) of the building structure made out of 40 mm dia. M.S. tubes, 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 including the working platform etc. and maintaining it in a serviceable condition for the entire required duration as approved and directed by the Client/EIC & removing it thereafter.				
	4	The scaffolding system shall be stiffened with bracings, runners, connection with the building fascia etc. wherever required & including providing vertical supports which shall be sound and strong, tied together with horizontal steel / metal support pieces over which scaffolding planks shall be fixed properly & secured at required locations including the essential safety features for the workmen etc. complete as per directions and approval of Client/EIC. Note: - The scaffolding shall not be removed without prior approval of Client/EIC.				

5	Providing & fixing temporary support arrangements such as Steel Props (Up to any number whenever and wherever as directed by the SBI/APMC) to support the structure provisionally during the project duration for all trades of work, etc. and maintaining the props in position till required & as directed by the consultant including other safety elements such as bracings, steel angles, working platforms, plates etc., which shall be provided & considered in the quoted rates for the areas in the vicinity in adequate numbers as directed. All trades of works indicated herein under shall include all leads & lifts & working up to any heights, depths & levels.				
6	Providing & fixing safety net around the work so that loose objects or equipment does not cause damage to the property or any human being, if necessary and removing the same after completion of work.				
7	Providing all type of PPE ( Personal protective Equipment) to the workforce such as safety shoes, safety helmets, reflective safety jacket, full body safety harness, goggles, gloves, etc. complete for all types of workforce engaged on site for execution of the work.				
8	The quoted rate should include cost of necessary scaffolding, staging, centring, shuttering etc. as required for execution of the job at any height and location including removal of same. The scaffolding should be erected and anchored into the concrete members with help of expandable bolts, which are to be cut as the scaffolding is removed, no wall is to be punctured, at no extra cost to the Bank.				
9	Rates shall be inclusive of all enabling works like tower cranes all safety measures, aerial lift, man & material lift, Temporary lift, scaffolding, Cup lock system, labour camp, storages, godowns, all required permissions from local governing respective authorities to carry out the works, all insurances, all licenses, administration, all S.H.E. (Safety, Health, Environment) related measures, security , watch and ward measures, barricades other than specified, traffic management, tree protection, property damage repairs, water, electricity, DG as per requirement, all tools, machineries, vehicles, etc. Complete.				
10	All rates should be inclusive all loading, unloading, shifting,all leads, lifts, sorting, transportation, labours, tools, plants, machinery,etc. Complete				
11	All the above-mentioned points including the requisite elements & items as mentioned shall be considered included within the quoted rates of the line items of the BOQ and nothing extra would be paid on this account.				

	12	Though Locations of execution are mentioned for specific items, Contractor have to execute those all items at all required/necessary locations at no extra cost as per direction from Client/EIC.				
	13	Contractors to be fully equipped with regulations/guidelines available at their site and guidelines/rules are to be followed by contractor till the completion of the project.				
	14	<b>SINCE THE EXECUTION OF WORK IS TO BE DONE AT VARIOUS FLOORS OF THE BUILDING AND AT VARIOUS HEIGHTS. THE WORK EXECUTION MAY REQUIRE SPECIAL EQUIPMENTS OR MACHINERY HENCE, IT IS ADVISED THAT THE VENDOR MAY VISIT THE SITE BEFORE QUOTING THE RATES. THE RATES SHALL BE VALID FOR ALL HEIGHTS UPTO 6TH FLOOR AND NO EXTRA COST SHALL BE CONSIDERED FOR ANY KIND OF ADDITIONAL EQUIPMENT FOR EXECUTION OF WORKS.</b>				
<b>1</b>		<b>ANTI BIRD NETTING INSTALLATION</b>				
		Providing and fixing machine made Anti Bird Netting with the following functions and qualities:	<b>400.00</b>	<b>SQM</b>		
		• UV Stabilized & Weather proof				
		• Zero Maintenance				
		• High Durability since strong, Machine Knotted				
		• Easy Installation				
		• Stops entry / Roosting / Breeding of all kind of Birds from Surroundings & Thus preventing diseases caused to Human Beings				
		• Protects the aesthetic looks of the building by bird Fouling & Nesting debris				
		• Keeps the surroundings Clean, Hygienic & prevent noise pollution				
		<b>Specifications:</b>				
		Material: HDPE, Garware Make				
		Color & Quality: White U/V Stabilized				
		Mesh Size: 1"x1" for Pigeons and smaller size birds like Sparrows.				
		The work shall include all the sundries required for the fixing the net to the existing truss. Furthermore the work shall also include two or more coats of the enamel paint all over the Space Truss for the smooth finish.				
		Note:				
	1	The work shall also include the required scaffolding and shuttering for fixing the bird net and enamel painting.				
	2	The vendor shall require to visit the site for checking the location, height and position of the trusses where the bird nets and painting works are required.				

	3	The work is to be carried on height and hence all the required security measurwes shall be taken by the vendor while execution of the works and the safety of the workers shall be tyhe complete responsibilty of the vendor.				
	4	The works are required to be carried out in a planned manner to avoid any accident or damage to the other parts of the property, In case of any damage to any part of the property while the execution of the work, the same shall be made good by the vendor at no additional cost.				
	5	THE MEASUREMENT OF THE NET SHALL BE MEASURED FOR THE PAYMENT. HOWEVER, THE COMPLETE EXPOSED SURFACES OF THE SECTIONS OR PIPES OF THE TRUSSES SHALL BE PAINTED. THE BIRD NET SHALL BE PROVIDES ON THE TOP, BOTTOM AND OUTER EXPOSED SIDES OF THE TRUSS.				
2		<u>POLYCARBONATE</u> <u>TRANSPARENT</u> <u>SHEET</u> <u>ROOFING</u> <u>(3MM THICK)</u>				
		Providing and fixing of solid 2UV coated polycarbonate embossed clear sheet (3mm thick ) of approved shade as mentioned herein, made with virgin raw material , allows maximum light transmission , having sufficent impact resistance mechanical strength & superior performance. The cost includes Fixing in done section top + bottom 60mm with EPDM rubber gasket, self Drilling Screws, silicon Tubes, aluminuium channels at the top and bottom of approprite size, including scaffolding and all safety measures complete in all aspect. The item to include dismantling of existing PVC sheet and disposing the same to the nearby MC dumping ground.	580.00	SQM		
		The cost includes Fixing in done section top + bottom 60mm with EPDM rubber gasket, self Drilling Screws, silicon Tubes, aluminuium channels at the top and bottom of approprite size, including scaffolding and all safety measures complete in all aspect. The item to include dismantling of existing PVC sheet and disposing the same to the nearby MC dumping ground. Enamel paint 2-3 coats on the supporting members and pillars and frame of louvers complete in all aspects as per the instructions of Architect / Engineer-in-charge is include in the item. The measurement of the item will be done in SqFt of the area of PVC Sheet and the item includes wastage of material. make:- durotuff / durolite/vlite/tuffpaulin/Falken design.				

		<b>NOTE:</b>				
		1. All work should be done within all safety measure including personal protective Equipments including harnesses, helmets, and gloves, is crucial for worker safety , fall arrest blocks & Scaffolds (scaffolds provide a stable work platform).				
		2. all work should be done as per approved makes by Bank / Engineer in charge.				
		3. all work should be done with complete guidance of experienced Fabricator as the Safety & Quality are main concerns.				
		4. Contractor has to submit 5 Years warranty from the company (Specified make) in written and has submit to the bank				
		5. The safety of the workers shall be the sole responsibility of the vendor and shall be part of the contract to provide all the safety equipments and follow all the safety measures while executing the works. The vendor is also advised to visit the site for assessment the quantum and nature of work to be executed.				
<b>3</b>		<b><u>PVC FLUTED PANELS</u></b>				
		Providing and fixing PVC best quality metallic fluted panels 20mm thick along with all the accessories like T's, U's or any other cover required as per the manufacturer's specifications as per the drawings and direction of the engineer-in-charge.	<b>55.00</b>	<b>SQM</b>		
		The required cutting to accommodate wiring, switch boxes, lights, profile lights, cove lights etc. shall be done by the vendor without any extra cost.				
		<b>MAKES: (FLUTED PANELS: BEST QUALITY BASIC COST PRICE 100 PER SFT) (DELBY, HOSUNG WPC COMPOSITE PANELS, FLEX)</b>				
<b>4</b>		<b><u>TEXTURE PAINT:- ( Spectrum Finish )</u></b>				
		Providing & applying spectrum surface texture finish of approved shade & colour on walls as per requirement & manufacturers recommendations.	<b>200.00</b>	<b>SQM</b>		
		The cost is for the paint work till the all the heights of the building on the external face. The vendor shall arrange for the required scaffolding, shuttering or making workplatforms or any other means to reach the required heights. And no extra cost shall be paid for the same.				

		<b>NOTE: THE TEXTURE PAINT SHALL BE AS PER THE EXISTING ALREADY DONE ON THE OUTER SURFACE OF THE SBI ADMINISTRATIVE OFFICE BUILDING AT MOHALI.</b>				
		<b>MAKES:</b>				
		<b>TEXTURE PAINT: SPECTRUM/ASIAN/ALTEC OR EQUIVALENT</b>				
<b>5</b>		<b>EXTERNAL PAINTING WITH HIGHER GRADED ELASTOMERIC PAINT</b>				
	a	Preparing the existing surface by scrapping and rubbing with sandpaper to remove all loose adhere particles followed by washing with water using wire brush to ensure thorough cleaning.	<b>150.00</b>	<b>SQM</b>		
	b	Providing and applying one coat of water based acrylic anti fungal Primer of approved quality and make as per sample approved.				
	c	Providing and applying one coat of fibre reinforced membrane paint water proofing Coat of "Protek Basecoat" of Asian/ "Weather coat Roof Guard" of Berger / "Aqua Touch" of ICI or equivalent approved by the SBI having crack bridging ability up to 2.00 mm superior anti-carbonation & water proofing property				
	d	Providing and applying 2 or more coats of approved quality External Acrylic Emulsion paint, Exterior grade having anti fungal property, resistance to dust & dirt accumulation, resistance to fading of colours etc. of approved colour and shade Apex Ultima (Asian) / Weathercoat All Guard (Berger) / Weather Shield Max (ICI) or equivalent approved by the SBI.				
		<b>The cost is for the paint work till the all the heights of the building on the external face. The vendor shall arrange for the required scaffolding, shuttering or making workplatforms or any other means to reach the required heights. And no extra cost shall be paid for the same.</b>				
		<b>Note: Rates to include cleaning afterwards, necessary scaffolding/Cradle, debris safety netting, labour etc complete.</b>				
		<b>Make: Asian Paints Ultima Protek / Berger Weathercoat Long Life or approved equivalent.</b>				
<b>6</b>		Plastic Emulsion with 1st quality acrylic emulsion (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour :				

		New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre	150.00	SQM		
		The cost is for the paint work till the all the heights of the building on the internal face. The vendor shall arrange for the required scaffolding, shuttering or making workplatforms or any other means to reach the required heights. And no extra cost shall be paid for the same.				
		Note: Rates to include cleaning afterwards, necessary scaffolding/Cradle, debris safety netting, labour etc complete.				
		MAKE: ASIAN, BERGER, NEROLAC				
7		Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	300.00	SQM		
		The cost is for the paint work till the all the heights of the building on the internal/external face. The vendor shall arrange for the required scaffolding, shuttering or making workplatforms or any other means to reach the required heights. And no extra cost shall be paid for the same.				
		Note: Rates to include cleaning afterwards, necessary scaffolding/Cradle, debris safety netting, labour etc complete.				
		MAKE: BIRLA WHITE PUTTY, J K WHITE PUTTY, BERGER WALL CARE PUTTY				
		Total Value of Works				
		Note: GST shall be paid extra				