

Name of work: CIVIL WORKS FOR THE REPAIRS AND PAINTING POLISHING WORKS IN THE GM RESIDENCE, HOUSE NO 3049 2ND FLOOR, SECTOR 21,						
PRICE BID						
Sl. No.		Description of items	Unit	Qty	Rate	Amount
		Preamble				
		Rate shall be inclusive of following :				
	i	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.				
	ii	All the civil work has to be carried with 53 grade OPC cement to be use for concreting and in plastering & waterproofing works PPC cement can use. cement and VSI, grade crush sand, of required fineness, which must be free from silt and other impurities				
	iii	All the civil work , whether new or repair, must be cured for at least 7 days preferable by ponding, using gunny bags etc.				
	iv	For all work, water to be use must be fresh, potable and pure without any salinity and turbidity.				
	v	The rates quoted for all the items of the BOQ shall include the following specifications: -				
	a	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.				
	b	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.				
	c	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.				
	d	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.				
	e	Providing & fixing safety net around the work so that loose plaster/ concrete does not cause damage to the property or any human being, if necessary and removing the same after completion of work.				
	g	Providing all type of PEE (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.				
	h	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.				

	i	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.				
	j	Before starting of Excavation NGL levels shall be got verified and approved by Client/EIC and RL levels to be at the top of different layer and based on the difference levels excavation qty shall be calculated. Area for excavation shall be arrived by adding max 0.6m on each from RCC side working space around Foundation/Raft as per direction from Client/EIC.				
	k	All rates should be inclusive all loading, unloading, shifting,all leads, lifts, sorting, transportation, labours, tools, plants, machinery,etc. Complete				
	l	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.				
	m	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.				
	n	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.				
		PREAMBLE				
		WALL TILES, FLOOR TILES, GRANITE AND, FACADE TILES WORK				
		Contractor to ensure the following while quoting their rates for all plastering works:				
		Including all shuttering and scaffolding material used for the go for the masonry work should be of good quality and no extra cost shall be paid for the same till Vth floor.				
		The scope of work under the items includes execution of work at all heights and location including all shapes, curved walls etc. complete.				
		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.				
		Frequency of testing for all materials like sand, aggregates, cement, steel, concrete should be as per IS standard.				
		Unless otherwise specified the cement to be used shall be Ordinary Portland Cement (OPC-53) of Ultratech, ACC, Lafarge or an equivalent make as approved by bank along with proportions of fly ash.				
		The cost shall include the dismantling and removal of the existing flooring, Tile work, granite work. The dismantling item is added in the price bid.				
		No additional cost shall be paid for the leveling of the sub-base, in case the same is damaged during the dismantling. The vendor shall get the same rectified at his cost.				
		For the granite, the cost shall be inclusive of all the designs and making edge mouldings of the exposed granite edges and granite polishing of the same.				
		WALL TILES FOR THE TOILETS				
1		Providing and laying vitrified tiles on walls in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including dismantling of existing tiles, grouting the joints with white cement and matching pigments etc., complete.	Sqm	9.29		
		Size of Tile 600x600 mm				
		MAKE: KAJARIA, JOHNSON AND JOHNSON, ORIENT				
		MAKE: TILE GROUT: SIKA, ROFF, PIDILITE				

2		Providing and laying Polished Quartz Counter Top of desired shade 18-20mm thick flooring/kitchen counters/table top wash basin cointers in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. OR WITH CHEMICAL OVER XISTING QUARTZ AS PER DIRECTIONS all complete as specified and as directed by the Engineer-in-Charge.				
		The cost shall include cost of removal of existing quartz countertop	Sqm	6.85		
		The cost shall include cost of making edge mouldings and granite polishing the same.				
		BASE PRICE: Rs. 4000 per sqm				
3		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	Sqm	546.94		
		MAKE: ASIAN, BERGER, NEROLAC				
		Note: Rates to include cleaning afterwards, necessary scaffolding/Cradle, debris safety netting, labour etc complete.				
		note: The rate shall include prparation of the surfaces with plaster and putty whereveer required as per the manufacturer's specifications for the areas badly damaged by seepage or abrasions.				
4		EXTERNAL PAINTING WITH HIGHER GRADED ELASTOMERIC PAINT				
	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.	Sqm	173.22		
	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.				
		Note: Rates to include cleaning afterwards, necessary scaffolding/Cradle, debris safety netting, labour etc complete.				
		Make: Asian Paints Ultima Protek / Berger Weathercoat Long Life or approved equivalent.				
		note: The rate shall include prparation of the surfaces as per the manufacturer's specifications for the areas badly damaged by seepage or abrasions.				

5		PVC FLUTED PANELS			
		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.	SQM	38.11	
		The required cutting to accommodate wiring, switch boxes, lights, profile lights, cove lights etc. shall be done by the vendor without any extra cost.			
		MAKES: (FLUTED PANELS: BEST QUALITY BASIC COST PRICE 80 PER SFT) (DELBY, HOSUNG WPC COMPOSITE PANELS, FLEX)			
6		12MM THICK TOUGHENED GLASS DOORS WITH ETCHING:			
		Providing and fixing in position 12mm clear float toughened Glass for naked glass door. The work to include making necessary template for all the glasses and then cutting the clear float glass to correct size, making all the necessary holes, cuts etc., and then toughening the same. The cost to include all hardware of patch fitting and wall/floor cladding profile as per the direction of the engineer-in-charge, required viz., Ozone/ebco/godrej/Dorma make side hinges springs atleast 3 per door or as per the manufacturer's specifications with its accessories, top pivot, center lock, 450mm glass door handles etc., along with etching with sand blasting/water proof frost film as per design and drawing. The maximum size of each glass shall be as per the drawing or the direction of the Architect-in-charge. The rate is for a finished item of work etc., complete as directed.	SQM	2.93	
		The cost to include the cost of bevelling and smoothening of the exposed edges of the glass.			
		The glass door shall be as per the existing door designs with acid work, crystal tukri work. No extra cost shall be paid for the same.			
		MAKES: (GLASS: SAINT GOBAIN/ TATA/ ASAHI/MODI) (HARDWARE: OZONE/ GODREJ/ DORMA)			
7		12MM THICK TOUGHENED GLASS PARTITIONS WITH ETCHING:			
		Providing and fixing in position 12mm clear float toughened Glass partition with patch fittings for the full height glass partitions as per the direction of the Architect-in-charge. The work to include making necessary template for all the glasses and then cutting the clear float glass to correct size, making all the necessary holes, cuts etc., then toughen the same.	SQM	8.78	
		The cost to include all hardware patch fitting and wall/floor cladding profile as per the direction of the engineer-in-charge, required of Ozone/EBCO/GODREJ/Dorma make viz., single corner patch, top and bottom corner patch etc. or as per the direction of the Architect-in-charge, along with etching with sand blasting as per design and drawing. The maximum size of each glass shall be 1200mm to 2000mm x 2400mm to 2700mm as per the site requirement. The rate is for a finished item of work etc., complete as directed.			
		The cost to include the cost of bevelling and smoothening of the exposed edges of the glass.			
		The cost to include the cost of acid works and pasting of crystals as per the design.			
		MAKES: (GLASS: SAINT GOBAIN/ TATA/ ASAHI/MODI) (HARDWARE: OZONE/ GODREJ/ DORMA)			
8		SPIRIT POLISHING OF THE DOORS AND WINDOWS			
		SPIRIT POLISHING of the existing doors and windows with required stainer as per the direction of the engineer-in-charge.	Sqm	75.46	
		The work shall also include final touch of the touchwood for the final shining of the wooden surface			
		The grills shall be enamel painted without any extra cost			
		the jali and wooden doors shall be measured as plain surface for both outside and inside. No extra cost of frame or moulding shall be paid.			
		the windows shall also be measured from outside and inside as plain surface including frame and similarly as in doors no extra cost of polishing frame and mouldings shall be paid.			
		The work shall include preparation of the surfaces of the damaged portions as per the manufacturer's specifications or the direction of the engineer-in-charge.			

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