

FINANCIAL BID					
NIT NO: IGIDR/TENDER/2022/ED/01 Date: 10/01/2022					
TENDER: REPAIR AND PAINTING WORK OF RESIDENTIAL BUILDING 'A' IN THE CAMPUS					
Sr. No.	Item Description	Quantity	Unit	Schedule of Rates	
				Rate	Amount
1	Bamboo Scaffolding :- Providing & erecting single/Double stage bamboo scaffolding in true vertical position with necessary staging at regular intervals as per site requirement with all necessary accessories. The scaffolding to be jointed with coir strings etc. complete.	2,000.00	Sqm.		
2	Exposing :-Dismantling Rcc members carefully of any size/shape, as directed, without damaging other parts of the building, other parts of the building ,cutting /removing the steel bars, removing /carting away the debris, cleaning , etc. complete. Due care shall be taken so as not to damage surroundings etc. complete.	250.00	Sqm.		
3	Corrosion Treatment : Providing all materials & labour, cleaning the exposed reinforcement with wire brush & applying rust removing chemical with applying bonding coat of cement & rust passivator in the ratio of 1:1 to make it ready to receive further treatment etc. complete.	250.00	Sqm.		
4	Polymer modified mortar :-Thick to receive homogenous polymer mortar removing the loose concrete plaster etc. clean the surface with air blower & water jet. Clean the reinforcement with wire brush, apply rusticide & clean the reinforcement thoroughly Applying 2 coats of polyalk Fixoprime & cement mixture to the reinforcement bonding wat applying polymer mortar consisting of polymer, cement and quartz sand (1:5:15) water in layers of average thickness 10-15mm Before application of each layer of the polymer mortar a bonding coat will be applied etc. complete (Upto 20 mm thick)	250.00	Sqm.		
5	Crack Filling :- Cleaning the crack with help of Air blower & water jet, Filling the cracks with the help of polymer putty/crack filling material and sealing the cracks etc. complete.	950.00	Sqm.		
6	Chemical Grouting :- Drilling the holes with help of Mechanical drilling machine, Grout Chemical (Acrylic Polymer) with required (high) pressure grouting pump into hollow pockets including cutting nipple after curing etc. complete.	500.00	Nos.		
7	DASH COAT : Providing and applying dash coat up to 25mm with PP Net on existing stone masonry wall surface in cement mortar in proportion 1: 4 including addition of waterproofing approved waterproofing compound/plastisizer, to make up of lost bricks.	800.00	Sqm.		
8	Breaking of existing plaster :-Removing / breaking carefully the existing plaster including the tiles on the surface wherever required, of any thickness, as directed,, disposing off the debris, cleaning ,etc complete.	950.00	Sqm.		
9	Separation crack treatment at the junction of RCC frame and RCC pardi walls/ masonry separation cracks treatment by opening the cracks into a "V" groove, clean & moisten the groove, apply priming cum bonding coat of Polymeric mortar modifier/ cement slurry of approved manufacturers in proportion 1:1 by weight with brush to grooved surface, immediately fill the groove with Polymer modified mortar, which is prepared by mixing 2 Kgs of Polymeric mortar modifier + 5 kgs of fresh cement + 15 kgs of quartz sand (graded). After 15-20 minutes level the surface with steel trowel including 48 hours curing bt sprinkling water for 2-3 days etc as per directions complete.	450.00	Rmt.		
10	Truck for removal of Debris including loading, labour, vehicle etc. charges and dumping of debris outside the institute premisses to designated areas.	20.00	Nos.		

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11	Sand Face Plaster :- Providing Applying 35mm Sand face cement plaster in two coats, using approved river sand, first coat of required thickness in C.M 1:4 with addition of approved waterproofing compound/plastisizer, finishing to line, level & plumb, etc. complete as per specifications and as directed by the consultants. Second coat 15 mm thick in C.M. 1:3, finishing, cleaning, curing etc.				
	a. Plaster 15mm (Internal Plaster)	200.00	Sqm.		
	b. Plaster 35mm (External Plaster)	800.00	Sqm.		
12	WATER PROOFING Coating	500.00	Sqm.		
	Providing & applying two coats of Acrylic based polymer coating made out of grey cement confirming to relevant BIS specification mixed with acrylic base polymer in proportion of 1:1 mixed with the help of mechanical stirrer. Applying the coating in zebra manner in reverse direction all as per the direction of the engineer in charge.				
13	EXTERNAL PREMIUM ACRYLIC PAINT	1,800.00	Sqm.		
	Providing & applying Premium External Acrylic paint on walls of required shade after applying base coat & primer as per manufacturers specifications in proper line & level & even colour texture, without patches.				
14	PLASTIC EMULSION	950.00	Sqm.		
	Providing & applying plastic emulsion paint on walls, columns & ceilings. The rate shall include scrapping, levelling & preparing the surface. Primer coat + (minimum) 3 coats to get evenly spread quality finish (roller finish) of approved make , quality & finish shall be provided.				
15	BIRLA PUTTY	400.00	Sqm.		
	Providing and applying 2 or more coats of Birla Putty Including scrapping of existing Old Damaged Paint Surface even & smooth to receive New Paint.				
16	Synthetic Enamel Paint: Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :One or more coats on old work.	160.00	Sqm.		
17	Brick Work	1.00	Cum.		
	Brick work with modular bricks of class designation 75 in Cement mortar 1:4 (1 cement : 4 coarse sand)				
18	False Ceiling - Gypsum Board (Without framing)	50.00	Sqm.		
	Providing and fixing ½" thk. Gypsum India board false ceiling existing framig and levels including the required screws. The boards are to be jointed and finished so as to have a flush look which includes filling and finishing of edges of the boards with jointing compound & joint paper tape.				
19	POP Punning	25.00	Sqm.		
	Scrapping of damaged pop on walls. Providing and applying POP Punning of approved make on walls and columns (average 12mm thk). The rate shall include scrapping, levelling and preparing the surface. The rate shall be inclusive of all types of grooves above the skirting, around the window and door frames. If the average thickness is found to 8mm~6mm or less, then POP will be considered as pulti finish - at the rate of - 50% the quoted rate.				
20	Repair of Polycarbonate chajjas (using existing MS frame)	30.00	Sqm.		
	Providing & fixing Lexan Multi wall sheets 6mm thick or equivalent roofing using existing MS framing with polymer coated J or L hooks, bolts & nuts 8mm dia GI plain & bitumen washers or with self drilling fastener & EPDM washers, etc. complete including cutting to size & shape wherever required. Cost to include that for necessary Aluminum framing(angle & Patti) of required size, erecting, hoisting, fixing and painting of existing MS framing complete as per directions.				

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21	<p>Providing and laying water proofing treatment with APP (Atactic poly-propylene) for repair of existing damaged APP sheet.</p> <p>This application procedure is a standard guideline for using the 3 mm membranes only, which may slightly vary upon the site conditions & different application areas. For application method for 3 mm, consult Sika® WP Shield-103 P.</p> <p>1) Clean & remove dust, dirt, loose particles and unsound substrate. Make surface smooth, even & free from local depressions with polymer modified mortar.</p> <p>2) Apply primer coat with solvent based bitumen primer on cleaned & leveled surface @ 3-5 sq. mtr / ltr.</p> <p>3) Unroll and align the Sika® WP Shield-103 P Roll after application of primer and before torching.</p> <p>4) Use gas burner to heat substrate & underside to softening points. When the embossing disappears, roll forward & press firmly against substrate to bond from the lower end towards the higher end.</p> <p>5) All angles & abutments upstands should be sealed with extra care to ensure perfect bondage. Seal the edges well into grooves & protect with a Polysulphide sealant.</p>	40.00	Sqm.		
22	<p>Vitrified Tile Dado: Providing and fixing 24" x 24" approved quality, make & shade of VITRIFIED tiles as per pattern for dado from FFL using CM 1:4 in proper line and level. The rate shall include necessary backing material, water proofing and joint filling compound of the same shade as that of the ceramic tiles. All sanitary fittings shall be located on the joints or junctions of the tiles.</p>	5.00	Sqm.		
23	<p>GREEN MARBLE FRAME FOR WINDOW.</p> <p>Providing & fixing pre polished marble frames to Window Jamb of width 10" or 5" in fixed in 1/2 steps each to the wall with 1: 3 cement mortar in proper line & level with round edges hand polished.</p>	10.00	Rmt.		
	TOTAL AMOUNT Rs.				
	Add:- SGST @ 9%				
	Add:- CGST @ 9%				
	Grand Total Amount Rs.				
	Note:-				
	1) All the rates shall be included of electricity supply & Water supply required for execution of work. The charges for electricity usage shall be recovered from the contractor. The contractor				
	2) All the Taxes shall be included all taxes (GST @18%) .				