

**INDIRA GANDHI INSTITUTE OF DEVELOPMENT RESEARCH**

**FINANCIAL BID**

**NAME OF WORK: CIVIL REPAIR AND WATERPROOFING WORKS IN THE IGIDR CAMPUS**

**TENDER NO. IGIDR/Tender/2021/ED/07 Date: \_\_ February 2021**

Sr. No.	Item Description	Quoted Amount			
		Quantity	Unit	Rate	Amount
1	<b>Bamboo Scaffolding</b> :- Providing & erecting <b>Double stage</b> 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.	1,070.00	Sqm.		
2	<b>Exposing</b> :-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.	4.00	Sqm.		
3	<b>Corrossion Treatment</b> : 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.	10.00	Sqm.		
4	<b>Polymer modified mortar</b> :-Thick to receive homogenous polymer mortar removing the loose concrete plaster etc. clean the surface with air blower & water jet. Clean he reinforcement with wire brush, apply rusticide & clean the reinforcementt throughly 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 30 mm thick)	35.00	Sqm.		
5	<b>Crack Filling</b> :- 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.	500.00	Sqm.		
6	<b>Chemical Grouting</b> :- Drilling the holes with help of Mechanical drilling machine, Grout nipple, Chemical (Acrylic Polymer) with required (high) pressure grouting pump into hollow pockets including cutting nipple after curing etc. complete.	200.00	Nos.		
7	<b>DASH COAT</b> : 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.	75.00	Sqm.		
8	<b>Breaking of existing plaster</b> :-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.	81.00	Sqm.		
9	<b>Separation crack treatment at the junction of RCC frame and RCC pardi walls/ masonry separation cracks treatment</b> 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.	60.00	Rmt.		
10	<b>Crack Bridging Coating</b> :- Applying crack bridging/waterproofing coating to external wall surface of the building at identified location for filling micro cracks.	90.00	Sqm.		
11	Truck for removal of Debris including loading, labour, vehicle etc. charges and dumping of debris outside the institute premisses to designated areas.	4.00	Nos.		
12	<b>Sand Face Plaster</b> :- 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)	5.00	Sqm.		
	b. Plaster 35mm (External Plaster)	81.00	Sqm.		
13	<b>Repair of Polycarbonate chajjas</b>	35.00	Sqm.		

**INDIRA GANDHI INSTITUTE OF DEVELOPMENT RESEARCH**

**FINANCIAL BID**

**NAME OF WORK: CIVIL REPAIR AND WATERPROOFING WORKS IN THE IGIDR CAMPUS**

**TENDER NO. IGIDR/Tender/2021/ED/07 Date: \_\_ February 2021**

Sr. No.	Item Description	Quoted Amount			
		Quantity	Unit	Rate	Amount
	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, erecting, hoisting, fixing and painting of existing MS framing complete as per directions.				
14	<b>Waterproofing coating:</b> 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.	500.00	Sqm.		
15	<b>Filling in glass façade - Weather Silicon sealant</b> Removing the existing old silicon filled between glass panels and filling the gap between glass panels with black silicon weather sealant in proper line and level.	70.00	Rmt.		
16	<b>EXTERNAL PREMIUM ACRYLIC PAINT</b> 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. <b>Make: Apex Ultima (Asian) / Weathercoat All Guard (Berger) / Weather Shield Max (ICI).</b>	520.00	Sqm.		
17	<b>PLASTIC EMULSION</b> 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.	460.00	Sqm.		
18	<b>BIRLA PUTTY</b> Providing and applying 2 or more coats of Birla Putty Including scrapping of existing Old Damaged Paint Surface even & smooth to receive New Paint.	180.00	Sqm.		
19	<b>POP Punning</b> 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	60.00			
20	<b>False Ceiling - Gypsum Board (Without framing)</b> Providing and fixing ½" thk. Gypsum India board false ceiling existing fram 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.	10.00	Sqm.		
21	<b>Synthetic Enamel Paint:</b> Providing and applying one coat of primer and 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.	100.00	Sqm.		
<b>TOTAL AMOUNT Rs.</b>					
<b>Add:- SGST @ 9%</b>					
<b>Add:- CGST @ 9%</b>					
<b>Grand Total Amount Rs.</b>					

**Note:-**

- 1) All the rates shall be included of supply of materials, labour, transportation, loading, unloading and necessary scaffolding required for
- 2) All the Taxes shall be included all taxes (GST @18%) .

Signature & Stamp of Bidder

Date: