

## Financial Bid

Tender No. IGIDR/Tender/2024/ED/03

Date: 14.02.2024

### PART-A: REPAIR, WATERPROOFING, AND PAINTING WORK OF RESIDENTIAL BUILDING-G AT IGIDR

Sr. No.	Item Description	Schedule of Rates			
		Quantity	Unit	Rate	Amount
1	<b>Bamboo Scaffolding:</b> Providing & erecting single 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.including <b>Hessian Cloth</b> and removing the same after the work is completed etc.	2400.0	SQMT		
2	<b>PLY PROTECTION:</b> Providing and covering with 4 mm thick waterproof Plywood or GI Sheets for windows, doors or other openings at all levels including securing it properly to avoid damage to the glass panels and to prevent dust entering into flats/units etc. including dismantling the same after completion of the work etc. complete as directed by Consulting Engineers.	100.0	SQMT		
3	<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.	1000.0	SQMT		
4	<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.	200.0	SQMT		
5	<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.	500.0	SQMT		
6	<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 20 mm thick).	500.0	SQMT		
7	<b>Providing Polycarbonate chajjas (using existing MS frame)</b>	20.0	SQMT		

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		Quantity	Unit	Rate	Amount
	Providing & fixing Lexan Multi wall sheets 6mm thick or equivalent roofing using New 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 NEW MS framing complete as per directions.				
8	Truck for removal of Debris including loading, labour, vehicle etc. charges and dumping of debris outside the institute premises to designated areas.	10.0	NOS OF TRUCK		
9	<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.	250.0	SQMT		
10	<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.	200.0	RMT		
11	<b>MICRO CONCRETE:</b>	2000.0	KGS		
	Providing and laying Super Fluid Micro concrete which shall be single component, non shrink, free flow, self-compacting, ready to use after mixing water in specified proportion to the beam bottoms, columns, slabs, etc. Including shuttering, chemical coating and mixing with 05mm to 10mm size aggregates ,pouring, tamping, Consolidating, curing etc. all complete as per the instructions and as per technical specification or as instructed by the Engineer.				
12	<b>CONCRETING M20, M25:</b>				
	Providing and casting concrete of 4" thick wherever indicated (for Chajjas, slabs, lofts, fins, etc.) at any level including curing but excluding steel reinforcement. The concrete shall be mechanically vibrated and the surface should be finished plain or as instructed by the consultant.				
	a) M 20 ( 1:1 ½ : 3 )	3.0	CUMT		
	b) M25 ( 1 :1 : 2 )				
13	<b>PRO &amp; FIX STEEL:</b>				

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	Providing and Fabricating, Fixing MT Steel Bars as required for above items of work. More detailed specification to be referred as per our standard technical specification manual or as instructed by the Engineer.	0.5	MT		
14	<b>Sand Face Plaster:</b> Providing Applying 25mm Ready Mix plaster in two coats, using approved brand first coat of required thickness, 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.				
14a	Plaster 15 mm (Internal Plaster)	300.0	SQMT		
14b	Plaster 25-35 mm (External Plaster)	700.0	SQMT		
15	<b>Brick Work</b>	20.0	CUMT		
	Brick work with modular bricks of class designation 75 in Cement mortar 1:4 (1 cement : 4 coarse sand)				
16	<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.	500.0	RMT		
17	<b>Tile Dado at staircase area: Vitrified Tile Dado:</b> Providing and fixing 24" x 24" approved quality, make & shade of 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.	50.0	SQMT		
18	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.	1900.0	SQMT		
19	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.	800.0	SQMT		
20	<b>GRILL &amp; RAILING OIL PAINT:</b> Providing and applying after scrapping and cleaning and removing old loose flacks of existing oil paint in external m.s. railing doors gates etc. Applying two coats of oil paint and one coat primer or as instructed by consultant engineer	250.0	SQMT		
21	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.	800.0	SQMT		

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Sr. No.	Item Description	Schedule of Rates			
		Quantity	Unit	Rate	Amount
22	Providing & fixing pre polished marble frames to window Jamb of width 10" or 6" in fixed in 1/2 steps each to the wall with 1:3 cement mortar in proper line & level with round edges hand polished and window removal and fixing	10.0	RMT		
23	<b>OVER HEAD ROOM/ WATER TANK TOP W/P:</b> Removing, Providing, & laying brick bat coba waterproofing treatment on OHT top, Lift room top, etc. with 90 mm average thickness with small brick finished with joint less waterproofing layer in CM 1:4 of average 25mm to 30 mm thick finished smooth with cement slurry, Watta carried along with the wall with throating at the junction of the wall and Watta top curing, cleaning, as directed etc. complete. (Only area in plan will be measured and paid for)	50.0	SQMT		
24	<b>TERRACE W/P:</b> Removing, Providing, and laying brickbat coba water proofing system of 7 layers inclusive of slurry coat and finish the same as under to the entire terrace with balcony tops, lift room top, pump room top, etc. wherever shown or as per standard technical specification or as instructed by the Engineer. a) with IPS finish b) with China mosaic finish	150.0	SQMT		
25	<b>REM &amp; REF OF MOSQUITO NETS :</b>	200.0	SQMT		
	Removing and re-fixing all types of Mosquito Nets as may be required of any size and shape, complete with reinstallation in original form. As instructed by the engineer.				
	<b>ELECTRICAL WORK :</b>				
26	Supply and installation of 40 Amp MCB DP isolator with an enclosure lighting load (Cat.No. Dhmgidpx040 make.Havells )	2.0	NOS		
27	Supply and installation of 6 Amp switch for light fittings at staircase as main operating switch. (Cat No. Ahfsxxw061	2.0	NOS		
28	Supply and laying of the 1.5 sq.mm. copper flexible wires (Red, Yellow and Black act as phase, neutral and earth) as primary circuit from the main operating 6 A switch for the staircase light fittings.	250.0	RMT		
29	Supply, installation and testing of the LED tube fitting or square LED panel or round LED panel of capacity 12 to 15 watts. Preferred make Philips, crompton, Syska, Bajaj, Havells, and orient.	10.0	NOS		
	<b>Basic total Amount Rs.</b>				
	<b>ADD GST @18% Amount Rs.</b>				
	<b>Grand total Amount Rs.</b>				

In words Rupees....

Date:

\*To be submitted on company/firm letterhead.

Signature of the bidder with seal

**PART-B: REPAIR, WATERPROOFING, AND PAINTING WORK OF GUEST HOUSE AT IGIDR**

Sr. No.	Item Description	Schedule of Rates			
		Quantity	Unit	Rate	Amount
1	<b>Bamboo Scaffolding :-</b> Providing & erecting 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.including <b>Hessian Cloth</b> and removing the same after the work is completed etc.	800	SQMT		
2	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.	900	SQMT		
3	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.	200	SQMT		
4	<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.	200	SQMT		
5	<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 20 mm thick).	200	SQMT		
6	Truck for removal of Debris including loading, labour, vehicle etc. charges and dumping of debris outside the institute premices to designated areas.	5	NOS OF TRUCK		

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Sr. No.	Item Description	Schedule of Rates			
		Quantity	Unit	Rate	Amount
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.	250	SQMT		
8	<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.	200	RMT		
9	<b>Terrace Water proofing of 1st &amp; 2nd floor Terrace:</b> Removing, Providing and laying brickbat coba water proofing system of 7 layers inclusive of waterproofing chemical slurry coat and finish the same as under to the entire terrace with balcony tops, etc. including chnia mosaic. wherever shown or as per standard technical specification or as instructed by the Engineer. <b>(Only area in plan will be measured and paid for)</b>	350	SQMT		
10	<b>Sand Face Plaster:</b> Providing Applying 25mm Ready Mix plaster in two coats, using approved brand first coat of required thickness , 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.				
10a	<b>Plaster 25-35mm (External Plaster)</b>	900	SQMT		
11	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.	1000	SQMT		

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Sr. No.	Item Description	Schedule of Rates			
		Quantity	Unit	Rate	Amount
12	<b>Synthetic Enamel Paint:</b> 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.	150	SQMT		
<b>Basic total Amount Rs.</b>					
<b>ADD GST @18% Amount Rs.</b>					
<b>Grand total Amount Rs.</b>					

In words Rupees....

Date:

Signature of the bidder with seal

*\*To be submitted on company/firm letterhead.*