

FINANCIAL BID

NIT No: IGIDR/Tender/2020/ED/04 Dated 05th February 2020

SCHEDULE OF RATES FOR REPAIR AND PAINTING WORK OF RESIDENTIAL BUILDING – 'G' (2 WINGS) IN THE CAMPUS

| Sr. No. | Item Description | Quoted Rate | | | |
|---------|---|-------------|------|----------|------------|
| | | Quantity | Unit | Rate INR | Amount INR |
| 1 | Bamboo Scaffolding :- 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. | 1,650.00 | Sqm. | | |
| 2 | Demolishing brick tile covering in terracing (upto 150mm thickness) including stacking of serviceable material and disposal of unserviceable material within 50 metres lead. | 120.00 | Sqm. | | |
| 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. | 400.00 | Sqm. | | |
| 4 | Corrossion 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. | 200.00 | Sqm. | | |
| 5 | Polymer modified mortar :-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 reinforcement thoroughly. Applying 2 coats of polyalk Fixoprime & cement mixture to the reinforcement bonding with 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. (Up to 20 mm thick) complete. | 400.00 | Sqm. | | |
| 6 | 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. | 100.00 | Rmt. | | |
| 7 | 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. | 200.00 | Nos. | | |
| 8 | 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 approved waterproofing compound/plasticizer, to make up of lost bricks. | 700.00 | Sqm. | | |
| 9 | 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. | 1,300.00 | Sqm. | | |
| 10 | 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. | 200.00 | Rmt. | | |
| 11 | Crack Bridging Coating : - Applying crack bridging/waterproofing coating to external wall surface of the building at identified location for filling micro cracks. | 400.00 | Sqm. | | |
| 12 | Truck for removal of Debris including loading, labour, vehicle etc. charges and dumping of debris outside the institute premises to designated areas. | 20.00 | Nos. | | |
| 13 | 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/plasticizer, 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) | 300.00 | Sqm. | | |
| | b. Plaster 35mm (External Plaster) | 1,000.00 | Sqm. | | |

SCHEDULE OF RATES FOR REPAIR AND PAINTING WORK OF RESIDENTIAL BUILDING – 'G' (2 WINGS) IN THE CAMPUS

| Sr. No. | Item Description | Quoted Rate | | |
|---------|---|-------------|------|----------|
| | | Quantity | Unit | Rate INR |
| 14 | WATER PROOFING Brick Bats treatment-upto depth of 150mm | 120.00 | Sqm. | |
| | Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of toilet slab etc. consisting of following operations. | | | |
| | Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm. Of cement admixed with proprietary water proofing compound conforming to IS: 2645 over the RCC slab including cleaning the surface before treatment. | | | |
| | Laying cement concrete using broken bricks/brick bats 25 mm to 100 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with proprietary water proofing compound conforming to IS:2645 to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. | | | |
| | After two days of proper curing applying a second coat of cement slurry admixed with proprietary water proofing compound conforming to IS : 2645. | | | |
| | Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with proprietary water proofing compound conforming to IS: 2645 and finally finishing the surface with trowel with neat cement slurry and making of 300x300 mm square. | | | |
| | The whole area so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by the Engineer-in-Charge. | | | |
| 15 | Providing & laying China mosaic treatment with broken glazed/ ceramic tiles in proper workman like manner and laid to slopes including 20mm thick bedding material in CM 1:6 with cleaning the surface & leaving the surface stainfree, etc complete. | 120.00 | Sqm. | |
| 16 | EXTERNAL PREMIUM ACRYLIC PAINT | 1,700.00 | Sqm. | |
| | Providing & applying Premium External Acrylic paint on walls of required shade after applying base coat & primer and two or more coats of finish paint as per manufacturers specifications in proper line, level & even colour texture, without patches. | | | |
| 17 | PLASTIC EMULSION | 600.00 | 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. | | | |
| 18 | BIRLA PUTTY | 500.00 | 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. | | | |
| 19 | Synthetic Enamel Paint: Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on old work. | 150.00 | Sqm. | |
| 20 | 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. | 5.00 | Sqm. | |
| | TOTAL AMOUNT Rs. | | | |
| | Add:- SGST @ 9% | | | |
| | Add:- CGST @ 9% | | | |
| | Grand Total Amount Rs. | | | |

Note:-

- 1) All the quoted rates are inclusive of electricity supply & Water supply required for execution of work.
- 2) All the applicable Taxes are included (GST @18%) in quoted rates.

Signature & Seal of Bidder

Date:

* The bidder should submit the financial bid on their company letterhead.