



राष्ट्रीय उन्नत विनिर्माण प्रौद्योगिकी संस्थान  
(पूर्व नेशनल इंस्टीट्यूट ऑफ फाउंड्री एंड फोर्ज टेक्नोलॉजी)  
हटिया, राँची - 834 003 (झारखण्ड)

**National Institute of Advanced Manufacturing Technology**  
(Formerly National Institute of Foundry and Forge Technology)  
Hatia, Ranchi – 834 003 (Jharkhand)

सं No. – NIFFT/EM/E&M/050/2021-22

दिनांक Date - 01/04/2022

### **NOTICE INVITING TENDER**

**Subject:** Outside repair and painting with APP work on the roof of Director's bungalow in NIAMT campus.

Tenders are invited from contractors registered with CPWD for above work as per enclosed Bill of Quantity (BOQ), in sealed envelope on the following terms and conditions:

**a. Eligibility condition:**

1. Registered with CPWD.

**b. Document to be submitted:**

1. Copy of CPWD valid registration certificate.
2. Transaction details of Earnest Money deposited.
3. Details of Contractor & rate quoted in Annexure-1.
4. Acceptance of the terms & conditions.

**c. Terms & Conditions:**

- 1) The contractor will quote the rate on % basis of the estimated cost (below/above).
- 2) An Earnest Money of Rs. 12,000/- will be required to be submitted along with quotation through online in Institute account as detailed below:
  - Account name- NIFFT Non-Plan Account
  - Account No. - 2730101006939
  - IFSC- CNRB0002730
- 3) The Contractor will initiate the work within 7 days of receipt of work order.
- 4) The work should be completed within 30 days from issue of work order.
- 5) The work will be carried out as per the guidance of I/c (Civil) E&M section.
- 6) Performance Security of 10% of the bill amount will be submitted in the form of Bank Guarantee or Demand Draft or amount deducted from the bill for the period of one year.
- 7) Agency shall be responsible/shall be any accident/miss-happening occurs during the execution of work.
- 8) If work is not completed within the time schedule liquidity damage of 0.5% per week subject to maximum of 10% will be deducted from bill amount.

Date of submission of BID - 21/04/2022 till 03:00PM

Date of Opening of BID - 21/04/2022 at 03:30PM

**Annexure I**

**Details of contractor**

1. Name of Contractor :
2. Address :
3. Contact Details :
  - a) Email :
  - b) Mobile No. :
  - c) Landline No. :
4. CPWD Registration No. & Validity :
5. Earnest Money Details :
  - a) Amount Rs. :
  - b) Online Transaction no. :
  - c) Date :
  - d) Issuing Bank :
6. Rate quoted :.....(.....%) above/below the estimated cost.

(In figure)      (In Words)

(Signature of Contractor)

Seal

Place:

Date:

## B.O.Q.

**Name of the work :** Outside repair and painting with APP work on the roof of Director's bungalow NIAMT, Hatia, Ranchi.

Sl.No.	Description	Unit	Qty.	Rate	Amount	DSR 2018
1.	15mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement or mix.					
(a)	1:4 (1 cement : 4 fine sand)	Sqm.	25	369.30	9233.00	13.8.2
2.	6 mm cement plaster 1:3 (1 cement : 3 fine sand) finished with a floating coat of neat cement and thick coat of lime wash on top of walls when dry for bearing of R.C.C. slans and beams.	Sqm.	170	301.65	51281.00	13.17
3.	Finishing walls with Acrylic Smooth exterior paint of required shade :					
(a)	New work (Two or more coat applied @ 1.67 ltr./10 sqm over and including priming coat of exterior primer applied @ 2.20kh./10 sqm.)	Sqm.	1000	164.70	164700.00	13.46.1
4.	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	Sqm.	1001	14.20	14214.20	13.88
5.	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade					
(a)	One or more coat on old surface.	Sqm.	50	79.95	3998.00	13.99.1
6.	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead :					
	With cement mortar 1:4 (1 cement : fine sand)	Sqm.	26	417.80	10862.80	14.1.1

Sl.No.	Description	Unit	Qty.	Rate	Amount	DSR 2018
7.	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer, 3 mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufactured of density at 25°C, 0.87 - 0.89 kg/litre and viscosity 70 - 160 cps. Over the primer coat the layer of membrane shall be laid using butane torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 350/300 N/5 cm. Tear strength in longitudinal and transverse direction as 60/80N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto - 2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane : 3 mm thick	Sqm.	170	512.95	89766.00	14.90.1
8.	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sqm.	170	39.00	6630.00	15.56
9.	Grading roof for water proofing treatment with					
(a)	Cement concrete (1:2:4) (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	Cum.	3	6924.65	20774.00	22.14.1

Sl.No.	Description	Unit	Qty.	Rate	Amount	DSR 2018
10.	Providing and fixing stainless steel (Grade 304) railing made of hollow tubes, channels, plates etc. including welding, grinding, buffing, polishing, and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc. of required size on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge (for payment purpose only weight of stainless steel members shall be considered excluding finishing accessories such as nuts, bolts, fasteners etc.)	Kg.	34	575.45	19565.00	10.28
				Total = Rs.	391027.00	
				Cost index @ 3.25% = Rs.	12708.37	
				= Rs.	403735.37	
				Say Rs.	403735.00	