

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

NOTICE INVITING TENDER

No. NITD/MAINT/CIVIL/RR/2024-25/01

Dated: -21.12.2024

A two-cover sealed tender are invited from experienced, resourceful, bona fide and interested agencies for execution of the following work.

| | |
|---|--|
| Name of Organization | National Institute of Technology Durgapur |
| Name of Work | Repair/ Renovation work at the Registrar's Residence (A-2) |
| Tender No. | NITD/MAINT/CIVIL/RR/2024-25/01 |
| Estimated Cost | Rs. 8,89,304.00 (Incl. of GST) |
| Work Completion Period | 20 days |
| EMD @ 2% of Estimated Cost | Rs. 17,786.00 |
| PG @ 5% of the Quoted Cost | As per quoted cost |
| Tender Type | Works |
| Last date and time for submitting bid application | Upto 4 PM of 27.12.2024 at Maintenance Section, NIT Durgapur |
| Date of Opening Bids | At 11 AM of 30.12.2024 at Maintenance Section, NIT Durgapur |
| Bid validity days | 30 days from the date of opening of Bids. |

You are also requested to visit/inspect the site and familiarize with the situation and submit the tender paper.

The tender document can also be downloaded from our institute website www.nitdgp.ac.in

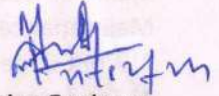
Eligibility Criteria:

- 1) The bidders shall have to fulfill the criteria of satisfactory execution of works as given below:
 - (A) Three (3) similar works, each of value not less than 40% of the estimated cost put to tender, or
 - (B) Two (2) similar works, each of value not less than 60% of the estimated cost, or
 - (C) One (1) similar work of value not less than 80% of the estimated cost, in the last 7 years ending on the last day of the month previous to the one in which the tenders are invited in any Govt./Semi Govt./Quasi Govt./Autonomous bodies.
- 2) Similar work means any form of Civil construction/structural construction/ Civil or structural Maintenance/ Civil or structural Renovation work.
- 3) Work Order and Completion Certificate with Client's Comment/Remarks are to be submitted.
- 4) Tenderers should have valid GST Registration Certificate, PAN, Valid Trade License Certificate.

General Conditions:

- i) The tender will follow a two- cover system: one envelope will contain the technical eligibility bid documents, while the other envelope will hold the price bid (BOQ). Price bid of ineligible technical bidders will stand cancelled. The two covers to be inserted in a third cover and submitted accordingly.
- ii) EMD @ 2% of the Estimated Cost of Tender to be submitted in the form of Bank Draft Only.
- iii) Performance Security @3% of the quoted cost of the work to be submitted immediately on issue of Letter of Award/Work order in the form of Bank Guarantee or Bank Draft.
- iv) The total security money to be withheld will be 10 % of the total bill value. EMD and PBG amounts will be converted in security deposit. The balance will be deducted from the bill/s.
- v) Payment will be made after joint measurement and submission of bills (in triplicate) within a tentative period of 45 days provided all documents are in order.
- vi) Defect liability period: One year from the date of completion of all works under the contract.

- vii) In case of delay in progress of work, NITD reserves the right to cancel the contract as the work is emergent in nature and assign the work to another agency.
- viii) Dismantled materials are to be deposited at Maintenance Office/ other places at no extra cost.
- ix) The water charges @ 1.5% and electricity charges @ 0.5% shall be recovered on the value of the items of work involving consumption of water and electricity (if applicable).
- x) Commencement of work: Immediately on receipt of Letter of Award.
- xi) A liquidated damage @ 1 percent of the order value per week and part thereof, subject to the maximum of 10 percent of the contract value will be charged.
- xii) Material, labour, transportation/ carriage charges and all allied accessories, tools/ plants are to be provided by the contractor at his own cost.
- xiii) Labour and insurance laws to be complied and NITD has to be indemnified regarding the same.
- xiv) Work to be carried out on scheduled holidays also at no extra cost.
- xv) TDS at applicable rates will be deducted from the bill.
- xvi) GST to be shown separately on the bill.
- xvii) All materials to be used shall be of approved quality and make conforming to BIS codes and as per specifications mentioned in BOQ.
- xviii) NITD reserves the right to accept or reject any or all tenders fully without assigning any reason.
- xix) Tender to be submitted accompanied by a forwarding letterhead of the firm.
- xx) The price validity is 30 days. In the if event any tenderer withdraws his bid, his EMD will be forfeited.
- xxi) In the event, the contract being cancelled the PG shall be forfeited.
- xxii) If during execution of work, any conditional items are required, the same will be paid as per CPWD-DSR-2023 / PWD (WB)-2017 S.O.R., If any
- xxiii) Any dispute will be subject to the courts having jurisdiction.
- xxiv) Intending bidders are to quote their prices at percentage above/ below / at par and physically submit the bid form in sealed envelope in the Maintenance Section, NITD within the given stipulated date and time.
- xxv) L1 quotee will be decided on the basis of the quoted % rates (above/ below/ at par).
- xxvi) B.O.Q. containing various items of work is enclosed (**Annexure-I**)
- xxvii) For conditions not covered above, the same will be invoked from CPWD- GCC. By submitting the tender it is deemed that the bidder has gone through CPWD-GCC and has accepted all terms and conditions. Bills are to be accompanied by all challans pertaining to materials used with gate entry from NIT Durgapur.



Executive Engineer
NIT Durgapur

Copy forwarded to:

- i) Director
 - ii) Registrar
 - iii) Dean(P&D)
- } For kind information
- iv) H.O.D.-CC with a request to upload on the Institute website
 - v) Concerned officials of:
 - a. CMERI-Durgapur
 - b. DSP-T.A. Building, Durgapur
 - c. DMC-City Centre, Durgapur
- } With a request to arrange for wide circulation



Executive Engineer
NIT Durgapur

Annexure- I

National Institute Of Technology Durgapur.

B.O.Q for the work of Urgent Fitness/Renovation of Registrar Bungalow.

Ref :- Notice Inviting Tender vide no :- NITD/Maint/Registrar Bungalow/01 Dt :-20.12.2024

| Sl no. | Description of Item | Quantity | Unit | Rate(INR) | Amount(INR) |
|--------|--|----------|------|-----------|----------------|
| 1 | 20 mm cement plaster of mix: 1:6 (1 cement : 6 fine sand) | | | | |
| | | 202.67 | Sq.m | 450 | ₹ 91,201.66 |
| 2 | 15 mm cement plaster on the rough side of single or half brick wall of mix :1:6 (1 cement: 6 fine sand) | | | | |
| | | 69.73 | Sqm | 399.45 | ₹ 27,855.51 |
| 3 | Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete | | | | |
| | | 69.73 | Sq.m | 156.05 | ₹ 10,882.10 |
| 4 | 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 | | | | |
| | | 279.85 | Sqm | 54.65 | ₹ 15,293.53 |
| 5 | Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge. | | | | |
| | | 5.524 | Cum | 3551.25 | ₹ 19,617.99 |
| 6 | Providing and laying cement concrete in retaining walls, return walls,walls (any thickness) including attached pilasters, columns, piers,abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets,sunken floor etc., up to floor five level, excluding the cost of centering,shuttering and finishing:1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from naturalsources : 4 graded stone aggregate 20 mm nominal sizederived from natural sources) | | | | |

Signature of the Tenderer with Date & Stamp.

| | | | | | |
|----|--|---------|------|-----------|------------------|
| | | | | | |
| | | 5.524 | Cum | 9895.20 | ₹ 54,663.56 |
| 7 | Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. | | | | |
| | | 10.282 | Cum | 494.1 | ₹ 5,080.15 |
| 8 | Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete. | | | | |
| | | 2048.48 | Sq.m | 25.15 | ₹ 51,519.33 |
| 9 | Finishing walls with Acrylic Smooth exterior paint of required shade Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface | | | | |
| | | 1351.14 | Sq.m | 120.75 | ₹ 1,63,149.63 |
| 10 | Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothing of surface. Two Coats | | | | |
| | | 697.35 | Sq.m | 82.6 | ₹ 57,600.84 |
| 11 | Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :Of area 3 sq. metres and below | | | | |
| | | 7.00 | Each | 367.2 | ₹ 2,570.40 |
| 12 | Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Sal wood | | | | |
| | | 0.15 | Cu.m | 116520.30 | ₹ 16,962.44 |

| | | | | | |
|----|--|-------|------|---------|----------------|
| 13 | Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 plyveneering with vertical grains or cross bands and face veneers on both faces of shutters:35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws | 8.00 | Sq.m | 2392.65 | ₹ 19,143.59 |
| 14 | Shutter of 1/3rd panel, 2/3 glazed of doors and windows, as per design (each panel consisting of a single plank without joint and with ordinary glass of 7.4 kg per Sq.m/3mm Thick) fitted with putty bed, teak wood bead and nails including fitting and fixing shutters in position but excluding the cost of glass, putty, teak bead, nails, hinges etc. and other fittings, in ground floor.(iii) 35mm thick shutters with 19mm thick panel. Other Local Wood. | 0.94 | Sq.m | 2111.02 | ₹ 1,975.91 |
| 15 | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture | 81.19 | Sq.m | 226.25 | ₹ 18,368.60 |
| 16 | Supplying, fitting and fixing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. by cement concrete(1:2:4) as per direction. (Cost of concrete will be paid separately)(b) 40mm X 6mm, 125mm Length | 22.00 | Each | 23.6 | ₹ 519.20 |
| 17 | Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete :75x47x1.80 mm | 4 | Each | 80.05 | ₹ 320.20 |
| 18 | Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : (copper oxidized as per IS: 1378)250x16 mm | 4 | Each | 193.7 | ₹ 774.80 |
| 19 | Providing and fixing ISI marked oxidised M.S. tower bolt black finish,(Barrel type) with necessary screws etc. complete : (copper oxidized as per IS: 1378)150x10 mm | 10 | Each | 59.45 | ₹ 594.50 |

| | | | | | |
|----|---|---------|-------|--------|----------------|
| 20 | Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete : (copper oxidized as per IS: 1378) 125mm | | | | |
| | | 10 | Each | 39.95 | ₹ 399.50 |
| 21 | Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters. 80x1.25 mm M.S. laths with 1.25 mm thick top cover | | | | |
| | | 6.264 | Sq.m | 3653.2 | ₹ 22,883.64 |
| 22 | Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works | | | | |
| | | 60.5808 | Sq.m | 67.4 | ₹ 4,083.15 |
| 23 | Removing old paint from blistered painted surface of steel or other metal by chipping including scraping and cleaning and exposing the original surface. | | | | |
| | | 182.071 | Sq.m | 56.64 | ₹ 10,312.51 |
| 24 | 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 | | | | |
| | | 215.688 | Sq.m | 102.80 | ₹ 22,172.73 |
| 25 | Welding in M.S. structural work with gas or electric: (a) Tack weld | | | | |
| | | 150 | Point | 10.62 | ₹ 1,593.00 |

| | | | | | |
|----|---|---------|------|---------|----------------|
| 26 | 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 | 133.029 | Sq.m | 537.45 | ₹ 71,496.44 |
| 27 | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 20 mm nominal dia Pipes | 10 | Mtr | 335 | ₹ 3,350.00 |
| 28 | Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :100 mm diameter | 3 | Each | 193.95 | ₹ 581.85 |
| 29 | Supplying, fitting and fixing shower of approved brand and make Chromium plated Hand shower 70mm dia Round Shape Single flow with Flexible Tube & fittings (Equivalent to Code No. ESH-5512 & Model -Tropical / Something Special of ESSCO or similar). | 3 | Each | 1449.04 | ₹ 4,347.12 |
| 30 | Hand Shower (Health Faucet) with 1mtr Flexible Tube with Wall Hook (Equivalent to Code No. 573 & Model -ALLIED of Jaquar or similar). | | | | |

| | | | | | |
|----|---|--------|------|---------|----------------|
| | | 3 | Each | 1476.18 | ₹ 4,428.54 |
| 31 | Providing and fixing CP Brass Single lever telephonic wall mixer of quality & make as approved by Engineer in charge. (a) 15 mm nominal dia | | | | |
| | | 3 | Each | 6940.75 | ₹ 20,822.25 |
| 32 | Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete. | | | | |
| | | 7.44 | Sq.m | 1267.95 | ₹ 9,433.55 |
| 33 | Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick : 4 mm thick glass pane (weight not less than 10kg/sqm). | | | | |
| | | 1 | Sq.m | 2441.8 | ₹ 2,441.80 |
| 34 | Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape (R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately) | | | | |
| | | 112.33 | Mtr | 375.8 | ₹ 42,213.61 |

| | | | |
|---|--|-------------------|------------------|
| 35 | a) M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows,railing etc. fitted and fixed with necessary screws and lugs in ground floor.Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr. | | |
| | | 10.764 | Qntl |
| Amount in Words:- Rupees Eight Lakhs Eighty Nine Three Hundred Four Only | | Amount = | ₹ 91,933.60 |
| | | Round Off= | ₹ 8,89,304.16 |
| | | Round Off= | ₹ 8,89,304.00 |

I/We have gone through the Seven pages of this BOQ and hereby Agree to execute the work at% (Percentage) (In figures and in words)(Above/Below/At par) of the aforesaid rates/Amount.

Signature of the Tenderer with Date & Stamp.

Signature of the Tenderer with Date & Stamp.