Tender Document for "Repair and renovation of HNLU Awasiya Parisar at Avanti Vihar"

HIDAYATULLAH NATIONAL LAW UNIVERSITY, NAVA RAIPUR, CHHATTISGARH

TENDER DOCUMENT

(PERCENAGE RATE TENDER)

Name of Work: "Repair and renovation of HNLU Awasiya Parisar at Avanti Vihar"

| Tender Number | HNLU/Works/Engineering/22-23/11 |
|-------------------------------------|--|
| Tender Date | 14-06-2022 |
| Pre-Bid Meeting | 27-06-2022 @ 1500 hrs. |
| Last date for pre-bid queries | 28-06-2022 @ 1500 hrs |
| Last date and Time of Submission | 07-07-2022 @ 1500 hrs |
| Tender Opening Date and Time | 07-07-2022 @ 1515 hrs |
| Cost of Tender Document | Rs. 1,500/- (Non Refundable) |
| Earnest Money Deposit | Rs. 1,24,000/- (3% of the estimated cost) |
| Estimated Contract Cost | Rs. 41,22,819 /- (Excluding GST) |
| Time for Completion of work | 45 days from date of work order |
| Defect liability period 1 | 12 (Twelve) months |
| Validity of Tender | 120 days from the last date of submission of tenders |

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TECHNICAL BID

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HNLU/Works/Engineering/21-22/11

NOTICE INVITING E-TENDER

The Registrar, HNLU RAIPUR, invites E-tender Percentage Rate Tender under Two part Bid System containing Part-I (Technical Bid) & Part-II (Financial Bid) from the approved and eligible contractors and other bona-fide agencies.

Cost of Tender Rs. 1,500/- (Rupees One Thousand Five Hundred only), NON REFUNDABLE, should be transferred online though Debit Card/Credit Card/Net Banking. Tender without 'Cost of Tender Document' will be summarily rejected. The Earnest Money (EMD) should be transferred online though Debit Card/Credit Card/Net Banking/NEFT/RTGS. Tender without requisite EMD will be summarily rejected. The Acknowledgment Slip of both the transfer i.e. cost of Tender and EMD should be submitted separately.

Eligibility Criteria

Contractors who fulfill the following minimum criteria shall be considered as eligible tenderer: Contractors should have satisfactorily completed the works as mentioned below during the last 07 (Seven) years ending last day of the Tender:

- 03 (three) similar works each costing not less than 40% of estimated cost of Tender; or
- 02 (two) similar works each costing not less than 60% of estimated cost of Tender; or
- 01 (one) similar work costing not less than 80% of estimated cost of tender;

executed under Central/State Government Department / Autonomous Body / Central/State Public Sector Undertaking/Private Reputed Organizations

Similar work shall mean: Repairing and Renovation of residential buildings

Completion certificate issued by Competent Authority will only be considered as credential. If the Completion certificate issued by Competent Authority does not reflect the type of work, then Final bill / Schedule of Quantity of the qualifying works also to be attached along with the Completion certificates. Certificate from private individuals for whom such works have been executed shall not be accepted.

The tender document (consisting of specifications, the schedule of quantities of various types of items to be executed, the set of terms and conditions of the contract and other documents / drawings, if any) can be downloaded from the online Portal of TENDERWIZARD http://emderwizard.com/HNLURAIPUR & University's website http://www.hnlu.ac.in.

Corrigendum, if any, will be published after pre-bid meeting only on University Website and TENDERWIZARD Portal. The University shall not be responsible for any delay / difficulties / inaccessibility of downloading facility for any reason whatsoever. In case of any discrepancy between the tender documents downloaded from internet and the master copy available in this office, the latter shall prevail and will be binding on the tender(s). No claim on this account will be entertained. Rates quoted by the tenderer should be exclusive of GST/ all taxes. GST/ all taxes will be paid separately.

Tender should be submitted as per the prescribed format within the specified date and time to the Registrar, HNLU RAIPUR, failing which the offer shall be summarily rejected. Bid Validity period is 60 Days from submission date of bid. Bid will be opened by Purchase Committee, HNLU RAIPUR. The University reserves the right to reject any tender without assigning any reason thereof.

Registrar HNLU, Raipur

Date: 14-06-2022

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GENERAL TERMS AND CONDITIONS TO THE TENDERER

- 1. The tenderer is directed to follow the conditions of tender and general conditions of contract of HNLU RAIPUR.
- 2. The tenderer shall visit and inspect the site and obtain all information on his own responsibility and at own cost, which may be necessary for the purpose of quoting and submitting the tender. No excuse or ignorance as to site conditions and local information shall be accepted after awarding of the contract.
- 3. The time for completion of work shall be as per tender document
- 4. The Earnest Money received shall be refunded without any interest, after the award of work order. The Earnest Money Deposit (EMD) of successful tenderer shall be retained and converted as Performance guarantee amount.
- 5. Earnest Money Deposit (EMD) will be forfeited in the following cases
 - If the tenderer withdraws / modifies his tender during the period of Bid Validity.
 - If the tenderer does not accept the correction of arithmetical errors of his tender.
 - If the tenderer after award of work, does not start the work within the stipulated time period as per Letter of Acceptance / Work Order.

6. Eligibility Criteria

Contractors who fulfill the following requirements shall be considered as Eligible Tenderer Agencies should have satisfactorily completed during the last 07 (Seven) years:

- 03 similar works each costing not less than 40% of estimated cost
- 02 similar works each costing not less than 60% of estimated cost
- 01 similar work costing not less than 80% of estimated cost

7. **Submission of Bid**

The bids shall be submitted ONLINE in Two Bid System:

- I. Tender Fee and EMD will comprise of -
 - Cost of Tender Paper Rs. 1,500.00 (Rs. One Thousand Five Hundred Only) NON REFUNDABLE payable online transfer mode only i.e. Debit Card/Credit Card/Net Banking. Tender without 'Cost of Tender Document' will be treated as cancelled.
 - EMD of Rs 4,78,000/- (Rs. Four Lakh Seventy Eight Thousand Only) payable online transfer mode only i.e. Debit Card/Credit Card/Net Banking. Bid without EMD would be summarily rejected.
- II. Technical Bid will comprise of -
 - Self-certified copies of Credential documents fulfilling the minimum eligibility criteria as per the tender notice, i.e., Experience Certificates for completion of similar type of job within last seven years.

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- Original Tender Document Part-I: Technical Bid duly Digitally Signed.
- Self-certified copies of Statutory documents like registration with state and central government bodies, Trade License, PAN, IT Returns for last 3 years and GST Registration details.

All the documents should be submitted online.

III. Financial Bid will comprise of-

Original Tender Document – Part-II: Financial Bid in percentage should be submitted online and Form of Tender as an acceptance to the terms and conditions set in the tender (Digitally Signed).

- Each and every page of the tender documents and correspondences accompanying the tender shall have to be duly Digitally signed by the Tenderer / Authorised Signatory before submission. The person / officer signing the tender / bid should be the Owner / Proprietor / Partner / CEO / MD / Director of the company or delegated the power of authorization to sign.
- The tenderer shall have to submit certified copies of valid Trade License, PAN, Income Tax Return for last 3 years, GST registration details, other statutory tax clearance certificates (if any) and credential documents fulfilling the minimum eligibility criteria along with this tender. The original copies of above documents will have to be produced when demanded for verification by the University.
- All Rates, Amounts, Percentages, & Sums shall have to be quoted in figures and words. If the rate/percentage quoted in words does not tally with the rate/percentage quoted in figures then the rate/percentage given in words shall be considered.
- No alteration shall be made by the tenderer in the tender and no conditional tender will be entertained. Tender with split percentages will not be considered.
- 8. The Tender shall remain valid for a period of 120 Days from the date of opening of the Tender. If before expiry of the validity period or issue of work order, whichever is earlier, the tenderer amends / modifies / withdraws his bid, making unacceptable to the University, and then the Earnest Money Deposit shall be liable to forfeiture at the option of the University.
- 9. The percentage rates quoted by the tenderer should be exclusive of GST, (GST will be paid as per actual based on Government Notification) but inclusive of freight, cost for loading & unloading etc. and must hold good till the completion of work and shall not be subjected to escalation due to increase in local market rates of materials and labour. No claim on this account whatsoever shall be entertained at any stage including the extended period, if any.
- 10. Tenderer has to submit the tender containing original priced offer in the prescribed format as detailed in Schedule of Quantities of the tender document duly signed and stamped. No condition / stipulation shall be provided in the priced offer (Part-II). In case of any deviation / stipulation found in the priced offer, the same shall be considered null and void and the offer is liable to be rejected.

- 11. The right to reject all offer(s) or split up the total requirement and award the contract to one or more than one party if considered necessary or to cancel the Tender rests with the University
- 12. The Intending tenderers will have to produce documentary evidence in original in support of their credentials. If any information furnished by the tenderer is found as false / fabricated then his Tender will be rejected and treated as cancelled, even if the same is detected at any stage after signing of the contract and would lead to termination of the contract besides forfeiture of Earnest Money Deposit (EMD) and liabilities towards prosecution under appropriate law. In such cases, the tenderer will be debarred from participation in future tendering process of the University for next 03 (Three) years.
- 13. The University reserves the right to accept or reject any or all the offer including the lowest quote without assigning any reason.
- 14. The successful tenderer, shall deposit an amount equal to 3% of the tendered and accepted value of the work as performance guarantee in the form of Demand Draft/Bank Guarantee of a Scheduled Bank in favour of HNLU RAIPUR. MSMEs are exempted from EMD. The time allowed for submission of the performance guarantee shall be 06 days of receiving "Letter of Acceptance" (LOA). If the tenderer fails to deposit the performance guarantee within the time period, i.e. within 06th day from the issue of letter of acceptance (LOA), his bid will be rejected and treated as cancelled and the entire Earnest Money Deposit shall be forfeited. After recording of the completion certificate for the work by the competent authority, the performance guarantee shall be returned to the Contractor after 30 days, without any interest.
- 15. Standard Institute payment procedure shall be followed. A sum @ 5% of the gross amount of the bill shall be deducted as Retention Money from the bill of the contractor. The Retention Money of the Contractor shall not be refunded before the expiry of defect liability period (i.e. 12 months) after the issue of the certificate final or otherwise, of completion of work, or till the final bill has been prepared and passed whichever is later.

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ADDITIONAL CONDITIONS OF THE CONTRACT

- 1. The quantities indicated are approximate and may vary at the time of execution. The University will exercise absolute discretion for operating all or some items of the schedule. Any additional work of similar nature to the extent of 25% of the awarded value may be assigned at the same quoted rate, at the discretion of competent authority.
- 2. Contractor must remove all the debris from the site of execution and dispose them at suitable places shown by the Engineer or his authorized representative at site.
- **3.** Cement used for the work should not be older than two months from the date of manufacture. The contractor should purchase the cement from authorized dealer and submit the test certificates/vouchers prior to execution of the work.
- **4.** All temporary arrangements, staging, working platforms etc. is to be provided by the tenderer at his own expense to the satisfaction of the Engineer-in-Charge. The University will not however, be liable to pay any compensation due to accident, injury to the contractor's work men or any account what-so-ever.
- 5. The University shall be at liberty to take samples during the course execution of work and get the same tested at certified laboratory to ascertain the quality conforming to relevant specification. The cost of sample and the charges for the testing will have to be borne by the contractor.
- **6.** The contractor will have to maintain the work for 01(one) year from the certified date of its completion.
- 7. The job is to be done as per CGPWD Building works specification for Building / Civil & Electrical works as applicable and provisions made in relevant IS codes must be followed. Wherever these are silent, the construction and completion of works shall confirm to sound engineering practice as approved by the Engineer- In-Charge. In case any dispute arises out of the interpretation of the above, the decision of the Hon'ble Vice-chancellor of the University shall be final and binding to the contractor.
- **8.** Agreement shall be drawn with the successful bidders in prescribed Form.
- **9.** After award of the work, the contractor has to submit a Time Schedule of the work to the university engineer within 7 days.
- **10.** In case the work is not completed, the contractor will have to seek extension 15 days prior to the completion date, in the prescribed format given in this tender.
- **11.** Contractor will not be entitled to claim interest/arrears/escalation cost as a result of the extension given to him.
- **12.** Irrespective of percentage rates quoted by the tenderer, the contractor shall be solely responsible for payment of Minimum Wages to its labor/workers as stipulated by the Government from time to time.

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SCOPE OF WORK AND TECHNICAL SPECIFICATIONS

The scope of the work includes: "Repair and renovation of HNLU Awasiya Parisarat Avanti Vihar"

The scope of the work includes primarily the following:

- 1) Painting the external and internal walls of the 12 quarters in two floors of the building at HNLU Awasiya Parisar, Raipur
- 2) Repair of the compound wall and its Painting.
- 3) Erection of the steel railings for existing staircases
- 4) Erection of the lift and associated civil work with safety certificate & due statuary approvals if any
- 5) Repair/renovation of the sanitary pipes, conduits and water supply system
- 6) Plinth protection repair and Paving of the outer corridors.

Approved Make List of Material to be used in Civil/ Electrical Works in additional to those in PWD SOR of 2015 and latest corrections, Government of Chhattisgarh

| S. No. | Material Description | Material | | | |
|--------|--------------------------------------|----------------|---|--|--|
| | | Brand | Make | | |
| 1 | Chloropyriphos | DURSBANCT | DE-NOCIL Ltd. | | |
| | | Premise Agenda | Bayer Ltd. | | |
| 2 | Ordinary Portaland Cement (43 grade) | ACC | ACC Cements LTd. | | |
| | | Ultra | Ultra Tech Cement Ltd. | | |
| | | Coromandal | India Cements Ltd. | | |
| | | Birla | Birla Corporation Ltd. | | |
| | | Chettinadu | Chettinadu Cements Corporation Ltd. | | |
| | | Bharathi | Bharathi Cement Corporation Ltd. | | |
| | | Dalmia | Dalmia Cement Bharat Ltd. | | |
| 3 | Water Proof Material | MAPEI | MAPEI Construction Products India P. Ltd. | | |
| | | Impermo | Snoweem Paints | | |
| | | Duraseal | Apurva India Pvt. Ltd. | | |
| | | ACCO Proof | ACC Cement Ltd | | |
| | | Dr. Fixit | Pidilite Industries | | |
| i | | | | | |

| 4 | TMT Bars Fe-500D | SAIL | Steel Authority of India Ltd. |
|---|------------------|-------------------------|--|
| | | TISCO | TATA STEEL Ltd. |
| | | VIZAG | Rastriya Ispat Nigam Ltd. |
| | | JSW | JS W Steel Ltd. |
| | | Shyam Steel | Shyam Steel Industries Ltd. |
| 5 | Grout | Ardex | Ardex Endura Adhesive India Pvt. LTd. |
| | | LATA POXY | MYK LATICRETE India Pvt. Ltd. |
| | | Fugabelia, Porcelana | Kerakoll India Pvt. Ltd. |
| | | Dr. Fixit | Pedilite Industries |
| | | Weber | Saint-Gobin India Pvt. Ltd. |
| 6 | AAC Blocks | Xtralite | ULTRATECH Cement Ltd. |
| | | Areocon | HIL |
| | | Siporex | SIPOREX |
| | | Nucon | Green Way Building materials India Pvt. Ltd. |
| | | Renacon | Renaatus Procon Pvt. Ltd. |
| 7 | Stainless Steel | Salem | SAIL |
| | | Jindal | JSW |
| | | SAIL | SAIL |
| | | KINGSTON | KINGSTON Brass |
| 8 | Vitrified Tiles | Asian | Asian Granite India Ltd. |
| | | NITCO | NITCO Ltd. |
| | | RAK | RAK Ceramic India Pvt. Ltd. |
| | | Restile | Restile Ceramic Ltd. |
| | | Kajaria | Kajaria Ceramic Ltd. |
| | | Somany | Somany Ceramic Ltd. |
| | | Jhonson | Prism Jhonson Ltd. |
| | | Orien Bell | Orien Bell Ltd. |

| | | Varmora Granito | Varmora Granito Granite Pvt. Ltd. |
|----|--|-----------------|-----------------------------------|
| | | Oasis | Oasis Vitrified Pvt. Ltd. |
| | | Naveen | Murudeshwar Ceramics Ltd. |
| 9 | Glazed Ceramic tiles (Also wall Tiles) | Asian | Asian Granite India Ltd. |
| | | NITCO | NITCO Ltd. |
| | | RAK | RAK Ceramic India Pvt. Ltd. |
| | | Kajaria | Kajaria Ceramic Ltd. |
| _ | | Somany | Somany Ceramic Ltd. |
| _ | | Jhonson | Prism Jhonson Ltd. |
| _ | | Orien Bell | Orien Bell Ltd. |
| _ | | Varmora Granito | Varmora Granito Granite Pvt. Ltd. |
| | | Oasis | Oasis Vitrified Pvt. Ltd. |
| _ | | Naveen | Murudeshwar Ceramics Ltd. |
| 10 | Synthetic enamel paint | Premium enamel | Assian Paint Ltd. |
| | | Dulex | ICI dulex Ltd. |
| | | Nerolac | Nerolac Paints Ltd. |
| | | Berger | Berger Paints |
| | | Nippon | Nippon Paint India Ltd. |
| 11 | CPVC Pipes and fittings | Supreme | Supreme Industries Ltd. |
| | | Finolex | Finolex Industries Ltd. |
| | | Astral | Astral Polytechnik Ltd. |
| _ | | Prince | Prince Pipes and fittings Ltd. |
| | | Ajay | Ajay Industrial corporation |
| | | Prayag | Prayag polymers Pvt. Ltd. |
| | | Vectus | Vectus Industries Ltd. |
| | | Truflo | HIS Ltd. |
| | | Birla Aerocon | HIL Ltd. |

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| | | Anil | Anil Thermoplastics Pvt. Ltd. |
|----|-------------------------|--------------|-------------------------------|
| 12 | Water Proofing Compound | Fosroc | Fosroc India |
| | | Sika | Sika India |
| | | Dr. Fixit | Podilite Industries |
| | | CICO | CICO Technologies Ltd. |
| | | Impermo | Snoweem paints |
| | | Accoproof | ACC Cements Ltd. |
| | | Ardex Endura | Ardex Endura (India) Ltd. |
| | | Alchemica | Alchemica Ltd. |

Note: For items not covered in the above list or in case of non-availability of preferred make of any item listed above, the make / brand to be used in the work should be CGPWD approved or should have prior approval from the Engineer-in-charge.

The work to be carried out under the contract shall, except as otherwise provided in these conditions, include all labour, materials, tools, plants, equipment and transport which may be required in preparation of and for and in the full and entire execution and completion of the works. The descriptions given in the Schedule of Quantities shall, unless otherwise stated, be held to include waste on material carriage and cartage, lead, lift, safety works, carrying and return of empties, hoisting, setting, fitting and fixing in position and all other labour necessary and for the full and entire execution and completion as aforesaid in accordance with good practice and recognised principles.

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CHECKLIST FOR TENDER SUBMISSION (TWO BID)

(To be filled by the Tenderer by putting " $\sqrt{}$ " and to be signed & stamped)

| (10 | so miles by the remarks by pain | and to be sig | in a commpour |
|-----------|---|-----------------------|------------------------|
| S.No. | Description | Yes | No |
| 1. | Tender Fee | | |
| 2. | EMD | | |
| 3. | Documents as per Pre-Eligibility Criteria | | |
| 4. | Each pages of the tender document duly signed and stamped | | |
| 5. | Financial Bid filled up with quoted with proper Signature & Stamp | | |
| 6. | Tender Document should be digitally signed by the Tenderer | | |
| 7. | Annexures of the tender document duly signed and stamped | | |
| I / We do | o hereby declare that all the above i | mentioned documents a | re enclosed as per the |
| tender do | ocument. | | |
| | | | |
| Name o | f the Tenderer (in Block letters): | | |

| Name of the Tenderer (in Block letters): |
|--|
| |
| |
| Signature: |
| |
| |
| Address: |
| |
| |

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FINANCIAL BID

Tender Document for "Repair and renovation of HNLU Awasiya Parisar at Avanti Vihar"

BILL OF QUANTITIES

| S. No. | Description of item | Qty. | Unit | Rate | Amount |
|--------|---|------|------|------|---------|
| 1 | Removing dry or oil bound distemper by scraping sand papering and preparing the surfaces smooth including necessary repair to scratches etc. complete. | 7456 | sqm | 5.2 | 38771.2 |
| 2 | Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade On new work (two or more coats). | 7456 | sqm | 52.5 | 391440 |
| 3 | Painting exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint of required shade as per manufacturer's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with: On new work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm) | 1140 | sqm | 74.5 | 84930 |
| 4 | Preparation of wall surface by applying a coat of putty comprising of chalk mitti, varnish and white lead in ratio 2½:1:1 (2½ kg chalk mitti: 1 litre varnish: 1 kg white lead) respectively, sand papering and making the surface smooth to proper shape and presentable conditions. | 7456 | sqm | 35 | 260960 |
| 5 | Providing and fixing double scaffolding system (cup lock type) on the exterior side, upto seven story height made with 40mm dia. M.S. tube 1.5 m centre to centre horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding. (To be used for maintenance work judicially necessary deduction for scaffolding in the existing item to be done). | 1012 | sqm | 112 | 113344 |

| 6 | Applying one coat of cement primer on wall surface (applied @ 0.80 litrs/10 sqm) complete. | 5523 | sqm | 23 | 127029 |
|---|---|------|-----|----------|-----------|
| 7 | Premium synthetic enamel paint | 400 | sqm | 47 | 18,800 |
| | Total-Part A(Rs.) | | 1 | | 1035274.2 |
| | Part | В | | <u> </u> | |
| 1 | Providing Water proofing treatment over Roof, Wall, Chhajjas, Balcony with Diamond Shield and Sealer coat or equivalent at leakage/ seepage area consisting of the operation: | 526 | sqm | 421 | 221446 |
| | (i) Surface preparation roughening of surface, opening of cracks in 'V' groove in size of 5mm x 10m (WxD), filling of cracks with putty of Diamond shield with laying fiber glass mesh, Cleaning of surface by scrubbing with steel wire/ Nylon brush. Removing all dust particles and washing with adequate water to clean completely. | | | | |
| | (ii) Providing and applying 1st coat of diamond shield or equivalent compound (having two component dry powder 80% Chemical 20% | | | | |
| | (chemical having 30% solid contents) making flexible waterproof and protective modified mortar with minimum thickness 70-80 micron after proper mixing of both the parts of compound along with laying of fiber glass mesh (of weaving size of 10x10 yarn/inch duly coated with alkaline resistant polymer). Allow the coating to set in natural air for minimum 2 Hrs. After 1st coat apply 2nd coat with minimum thickness 100 micron of the same compound. Allow the 2nd coat to set in natural air for minimum 4 Hrs. Total consumption of the diamond shield or equivalent in both coat should be @ 17.90 kg for 10sqm area. | | | | |

| 2 | Providing and fixing plain cement concrete fibre reinforced heavy duty designer glazed floor tiles with uniform colour (for coloured tiles) and texture conforming to IS: 1237 (for abrasion wear) and IS: 516 (for compressive strength) of approved make, colours, shades and size on cement Mortar bed and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete. On wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) | 50 | sqm | 921 | 46050 |
|---|--|-------|-----|------|----------|
| 3 | Providing stainless steel railing/ grill made of S.S. flats, hollow S.S. pipe or square/ rectangular sections of approved design fixing in stair case, balcony or other places with metal fasteners and stainless steel bolts etc complete. SS Grade 304 | 791 | kg | 525 | 415275 |
| 4 | Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). | 2.8 | cum | 2970 | 8316 |
| 5 | Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:1½:3 (1 cement: 1½ coarse sand: 3 graded stone aggregate 20mm nominal size). | 9 | cum | 4073 | 36657 |
| 6 | Brick work with modular well burnt (open bhatta) clay bricks of crushing strength not less than 20 kg/sqcm and water absorption not more than 25% in foundation and plinth in: Cement Mortar 1:6 (1 Cement : 6 Coarse Sand) | 44.8 | cum | 3263 | 146182.4 |
| 7 | Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:4 (1 cement : 4 coarse sand) | 14.58 | cum | 3452 | 50330.16 |

| 8 | Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete: Thermo-Mechanically treated bars FE 500D | 872 | kg | 54.5 | 47524 |
|----|---|------|-----|------|--------|
| 9 | Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work. | 1.6 | cum | 4237 | 6779.2 |
| 10 | Providing and fixing form work including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level. | 65 | sqm | 139 | 9035 |
| 11 | Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Wall of any thickness including attached pilasters, buttresses etc. in super Structure. | 336 | sqm | 228 | 76608 |
| 12 | Providing and making 12mm thick cement plaster of mix: In cement Mortar 1:3 (1 cement: 3 fine sand) | 444 | Sqm | 115 | 51060 |
| 13 | Providing and fixing broken glass 100 mm high in spacing not more than 40 mm both ways and laid in 50 mm thick (average) cement mortar 1:4 (1cement : 4 coarse sand) over compound walls, prapet walls and the like. | 36.8 | Sqm | 268 | 9862.4 |

| 14 | Providing and fixing concertina fencing with reinforced barbed tape(R.B.T.) up to 3m height of wall with existing angle iron in any shape in one or more rows in horizontal/vertical/inclined alignment tied with G.I. staples and G.I. clips including necessary bolts or G.I. barbed wire tied to angle iron all complete as per direction of Engineer-incharge withreinforced 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 43.478gm/ metre (cost of M.S. angle, C.C. blocks shall be paidseparately)(RBT tape to be measured for each row) | 460 | Rmt | 14 | 6440 |
|----|---|----------|---------------|--------------|------------------|
| 15 | Providing and placing in position angle iron post and strut of required size including bottom to be split and bent at right angle in opposite direction for required length and drilling holes upto 10 mm dia as per requirement including priming coat with red oxide zinc chromate primer and placing the post/ strut in cement concrete block. | 180 | kg | 69.5 | 12510 |
| | | To | otal-Part B (| Rs) | 1144075.16 |
| | | | | | |
| | Part | C | | | |
| 1 | Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). | 44.8 | Cum | 2970 | 133056 |
| 2 | Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded | | Cum | 2970 4073 | 133056 285110 |

| Sr. no | In all types of soils. Part D (Lin Description of item | Total-Par | rt C (Rs) | Rate | 9,93,470.00 |
|--------|--|-----------|-----------|------|-------------|
| | | | rt C (Rs) | | 9,93,470.00 |
| | in an types of soils. | | | | |
| 10 | Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. | 224 | cu.m. | 184 | 41216 |
| 9 | 8 mm thick Table rubbed polished Granite stone tile in risers and treads of steps skirting dado and pillars laid on 12mm (Average) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry including rubbing and polishing etc. complete. Granite stone black | 84 | Sqm | 1402 | 117768 |
| 8 | Providing and making 12mm thick cement plaster of mix: In cement Mortar 1:3 (1 cement: 3 fine sand) | 444 | Sqm | 115 | 51060 |
| 7 | Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Wall of any thickness including attached pilasters, buttresses etc. in super Structure. | 336 | sqm | 228 | 76608 |
| 6 | Providing and fixing form work including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level. | 65 | Sqm | 139 | 9035 |
| 5 | Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work. | 1.6 | Cum | 4237 | 6779.2 |
| 4 | Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete: Thermo-Mechanically treated bars FE 500D | 4632 | Kg | 54.5 | 252444 |

| 1 | Supply, Installing, Testing and | ONE | | 9,50,000 | 9,50,000 |
|--------|--|--------|-------|----------|----------|
| | Commissioning of Passenger Lifts | - · ·— | EACH | , , , , | - ,, |
| | Gearless, AC VVVF type, suitable for | | (Lump | | |
| | operation on 3-phase, 415 Volts, 50 Hz., | | sum) | | |
| | AC electric power supply with motor, lift control panel, electrical panel of | | | | |
| | suitable capacity with all safety | | | | |
| | protection with switchgear, electrical | | | | |
| | cable & its connection from LT main | | | | |
| | panel board installed at ground floor | | | | |
| | inside building required for lift, guide | | | | |
| | rails, ropes, counter weight etc. car | | | | |
| | enclosure, Car and landing doors, complete with all operating, control & | | | | |
| | safety accessories & devices providing | | | | |
| | automatic rescue device with dry | | | | |
| | maintenance free batteries, hand rails on | | | | |
| | three sides, voice announcements system | | | | |
| | in car to announce the position of | | | | |
| | elevator etc complete in hoist way as the car passes or stops at a floor served by | | | | |
| | elevator, Braille button inside the car & | | | | |
| | at each landing complete complying | | | | |
| | with relevant IS codes & requirement of | | | | |
| | local authorities, getting approval of | | | | |
| | concerned state/ central government authorities including 12 months | | | | |
| | authorities metading 12 months | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | guarantee with free maintenance and | | | | |
| | replacements of equipment & spares as | | | | |
| | per the following specifications and features- | | | | |
| | | | | | |
| (i) | Capacity 04 Persons, 320 kg (Approximate) | | | | |
| (ii) | Speed: 1.0 meter/ second or as per | | | | |
| | standards | | | | |
| (iii) | Floors: (G+2) - Ground, First & | | | | |
| | Second Second | | | | |
| (iv) | Car Travel: 4.70 mtrs (approx) | | | | |
| (v) | Overhead- 4500mm | | | | |
| (vi) | Pit depth -1600mm | | | | |
| (vii) | Car dimensions 1300 mm wide x 1350m | | | | |
| | deep x 2300mm high (Approximate) | | | | |
| (viii) | Door opening 900mm wide x 2100mm | | | | |
| | high (Approximate) | | | | |
| L | ı | | 1 | i | |

| (ix) | Hoist way dimensions 1850 mm wide x 1850 mm deep | | | |
|---------|--|---|--|--|
| (x) | Stops & opening: 2 stops, 2 openings | | | |
| (xi) | Drive: Alternating Current Voltage Frequency,V3 F | | | |
| (xii) | Controller: AC variable voltage and variable frequency, V3F | | | |
| (xiii) | Automatic rescue device complete with dry maintenance free batteries as required | | | |
| (xiv) | Operation: Microprocessor based single automatic push button/ duplex-Simplex | | | |
| (xv) | Selective collective with / without attendant. | | | |
| (xvi) | Power: 415 V, 3 phase, 50 Hz, 4 wires system | | | |
| (xvii) | Type of doors: | | | |
| (a) | Car door 2 panel automatic centre opening with ACVF drive in Hairline Stainless Steel finish | | | |
| (b) | Landing door 2 panel automatic centre opening (left) in Hairline Stainless Steel finish on 2 floors | | | |
| (xviii) | Car design Grace - All car walls in Stainless steel Hairline finish | | | |
| (xix) | Car suspended ceiling Hairline Stainless Steel finish with Square LED for car | | | |
| | lighting | - | | |
| (xx) | Car flooring 2mm thick PVC flooring - Lemon or as per approval | | | |
| | Stainless steel hand rail provided on rear wall of car not less than 600mm long 900mm above floor level to be fixed adjacent to control panel in lift car | | | |
| (xxi) | Voice announcement system in the car to announce the position of the elevator in the hoist way as the car passes or slops at a floor served by the elevator. | | | |
| | Machine type & Location - Gearless machine in machine room located directly above lift well. | | | |
| (xxii) | | 1 | | |

| (xxiii) | Control Simplex Collective Selective Control | | |
|---------|---|--|--|
| (xxiv) | Car operating panel Full height - flush mounted | | |
| (xxv) | Landing operating panel Individual landing operating panel for each elevator | | |
| (xxvi) | Provision of electrical panel of suitable capacity with all safety protection with electrical cable & its connection from LT main panel board installed at ground floor inside building required for lift | | |
| | Features included: | | |
| (xxvii) | Alarm button in car operating panel with battery back-up | | |
| | Automatic operation for car fan | | |
| | Adjustable door open time | | |
| (a) | Anti-nuisance (empty car) | | |
| (b) | Anti-nuisance (car call cancellation at direction reversal) | | |
| (c) | Blower fan in car for ventilation | | |
| (d) | Braille on push buttons | | |
| (e) | Car call cancellation by double pressing floor button in car operation panel | | |
| (f) | Door open and door close buttons in car operating panel | | |
| (g) | Door closing retries | | |
| (h) | Door nudging | | |
| (i) | Emergency light | | |
| (j) | Full load by-pass | | |
| (k) | Home landing | | |
| (1) | Infra-red screen for car door | | |
| (m) | Intercom | | |
| (n) | Jammed landing operating panel call button by-pass | | |
| (0) | Motor overheat protection | | |
| (p) | Overload function with audio-visual indication in car operating panel | | |
| (q) | Phase failure and phase reversal protection | | |
| (r) | Automatic rescue device in case of power failure | | |
| (s) | Red dot matrix scrolling display in car operating panel-KDS90 | | |

| (t) | Red dot matrix scrolling display in landing operating panel on All Floors-KDS-90 | | | | | | |
|---|--|-----------|-------------|----------------|--|--|--|
| (u) | Fireman control | | | | | | |
| (v) | Provision of landline telephone extension for emergency -Three way Intercom | | | | | | |
| (w) | Fireman emergency return | | | | | | |
| | TOTAL Part D | | | Rs. 9,50,000/- | | | |
| Total Cost of Work Excluding GST 41,22,819.30 | | | | | | | |
| | | Total Amo | unt say Rs. | 41,22,819 | | | |
| | (Rupees Forty One Lakh Twenty Two Thou | | | y Only) | | | |
| | Note: The rates mentioned above | · | | | | | |
| After understanding the terms and conditions of the tender, I agree to execute the work at % [in figure] ABOVE / BELOW / AT PAR (percent) [in words] ABOVE / BELOW / AT PAR of estimated amount/item rates. | | | | | | | |
| Note:- If the item rate is above the estimated cost against any item, justification for higher cost may be provided separately. | | | | | | | |
| Signature of the Contractor with Date & Seal | | | | | | | |
| | | | | | | | |

Tender Document for "Repair and renovation of HNLU Awasiya Parisar at Avanti Vihar"

| REF TENDER NO. NAME OF WORK: " | | | | | | | |
|-----------------------------------|---------------------------------|---|--|---------------------------------|--|--|--|
| NAME | OF | AGENCY: | | | | | |
| To, | | | | | | | |
| The Registrar, | | | | | | | |
| HNLU, | | | | | | | |
| Nava Raipur, Ata | l Nagar, | | | | | | |
| Chhattisgarh | | | | | | | |
| to us. I/We have confirm that I/V | also gone thr Ve shall abide | ough the general core by terms and con- | ave gone through the tender donditions of the contract of HNLU ditions of General conditions of I/We hereby declare that, I/We | J. I/We here by of the contract | | | |

inspected and examined the site and its surroundings and well aware about the prevailing site conditions. I / we have satisfied ourselves before submitting this tender; obtained information about the nature of work, facilities that may be required and obtained necessary information about working conditions, risk contingencies etc., which may influence this tender. We hereby offer to execute & maintain the work during the defect liability period in conformity with the tender

conditions at the respective rates quoted by us.

Signature of the contractor(s)

Name of Agency with complete address & email ID

Tender Document for "Repair and renovation of HNLU Awasiya Parisar at Avanti Vihar"

FORM OF APPLICATION BY THE CONTRACTOR FOR SEEKING EXTENSION OF TIME

- 1. Name of contractor
- 2. Name of work as given in the agreement
- 3. Agreement no
- 4. Estimated amount put tender
- 5. Date of commencement of work as per tender
- 6. Period allowed for completion of work as per agreement
- 7. Date of completion stipulated in agreement
- 8. Period for which extension of time if has been given by authority previously

letter no. and date Extension granted in Months and days

- (a) 1st extension.....
- (b) 2nd extension
- (c) Total extension previously given
- 9. Reasons for which current extension is sought (copies of the previous applications should be attached)
- 10. Period for which extension is applied for
- 11. Hindrances on account of which extension is applied for with dates on which hindrances occurred and the period for which these are likely to last (With copy to the Engineer-incharge)

Signature of Contractor Dated

Tender Document for "Repair and renovation of HNLU Awasiya Parisar at Avanti Vihar"

//Instruction to Suppliers/Bidders//

The tender shall be accepted only through **online e-tendering process** and all details pertaining to the tender and guidelines for e-tendering are available on the website https://www.tenderwizard.com/HNLURAIPUR.

Intending contractors needs to register themselves on the e-tendering website www.tenderwizard.com to get the USER ID and PASSWORD by paying required registration fee (Annual & Non-Refundable) through e-payment only and completing the steps specified on above referred website.

Special Note: The price bid and other documents has to be submitted separately online at www.tenderwizard.com. The date of Submission of online Technical and Financial will be as per tender notice.

Requirement for Vendors:-P.C./ Laptop Connected with internet

Registration with portal www.tenderwizard.com

Class-III Digital signature certificate in the name of the company of the vendor is mandatory(in the name of the company who will be submitting the EMD & general information).this may be obtained by calling our helpdesk (9073677150/51/52).Bids will not be recorded without Digital signature Certificate.

Bidders will have to pay Tender Processing fee Rs /- including GST (Non-Refundable) through e- payment in favour of M/S ITI Ltd.

Note: Please check the Digital Signature Certificate. For more details bidders may visit etendering portal and download the help manuals uploaded in the website.

Contact Person:-

Help Desk

Email: helpdesk518@etenderwizard.com

Help Desk No: 9073677150/51/52