



राष्ट्रीय प्रौद्योगिकी संस्थान रायपुर NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR

(An Institute of National Importance)
Under Ministry of Education, Govt. of India



No./NITRR/EE/E.O./ETender/2024/0223

Raipur, Dated: 30-09-2024

NOTICE INVITING ETENDER

(first call)

ETender is invited by the EXECUTIVE ENGINEER, ESTATE DEPARTMENT, NATIONAL INSTITUTE OF TECHNOLOGY, RAIPUR. For the under mentioned work from the eligible with CPWD /PWD or any State or Central Govt. Undertaking Organization:

Sl. No.	Name of Work	Estimated amount put to tender (in Rs.)	EMD Amount (in Rs.)	Time limit for completion	Cost of Tender Form (in Rs.)	Last date & time for submission of Tender Online
1	2	3	4	5	6	7
01	Regarding renovation and repair maintenance works in Biomechanics lab, Biomedical Engineering Department of NIT Raipur.	8,85,060/-	17,701/-	60 Working Days	1180/-	23/10/2024 Upto 18.00 Hrs.

The Etender document may be downloaded from website <https://eprocure.gov.in/cppp> and from website www.nitr.ac.in & www.tenderwizard.in/NITR and submitted through online mode only.

ETender must be submitted through www.tenderwizard.in/NITR upto **23/10/2024 up to 18:00 Hrs.** and the tender will be opened in the office of Executive Engineer (Estate Department) on **25/10/2024 at 16:00 Hrs.**

Being a Two-Part ETender (techno-commercial and price bid), fax quotations will not be accepted. Please ensure your offers are received on or before tender due date and time. Bidder/ Tenderer are requested to download the tender documents from our website (www.nitr.ac.in) & etendering portal i.e. www.tenderwizard.in/NITR and submit tender fee of amount `1180/- (inclusive of GST) through online mode in our etendering portal i.e. www.tenderwizard.in/NITR.

-sd-
Executive Engineer
Estate Department, NIT Raipur

C.c To:

1. Dean (P&D), NIT Raipur for information.
2. P.S. to Director, NIT Raipur for information.
3. Dy. Registrar (F&A) NIT Raipur.
4. Web Master, for uploading ETender.
5. All members DPC committee, Estate Department, NIT Raipur for information.
6. Prof.-in-charge (Civil) Estate Department, NIT Raipur for information.
7. Asst. Engineer (Civil) (SG-I), Estate Department, NIT Raipur for n.a.
8. Junior Engineer (Civil) Estate Department, NIT Raipur for n.a.
9. Junior Engineer (Electrical), Estate Department, NIT Raipur for n.a.
10. Executive Engineer, CPWD Office, for Notice Board.

-sd-

Executive Engineer
Estate Department, NIT Raipur



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DETAILED TENDER NOTICE TO CONTRACTORS

ETenders for work of: - **Regarding renovation and repair maintenance works in Biomechanics lab, Biomedical Engineering Department of NIT Raipur.** Forms are invited by the Registrar, N.I.T. RAIPUR from the Registered Contractors of eligible class of CPWD, Public Works Department of Chhattisgarh State, or any other government agencies for the said work. Estimated cost noted against the work. E-tender submitted through tender wizard on or before **23/10/2024 up to 1800 Hrs (I.S.T.)** will be opened on **25/10/2024 at 1600 Hrs p.m.** hours through online mode. Any amendment/ corrigendum / pre bid conference shall be notified if required to the website mentioned in the tender document (please see page 1) from time to time. The bidder should keep in touch with the website & e-tendering portal i.e. www.tenderwizard.com/NITR to get recent updates of the said tender.

TENDER PROCEDURE:-

1. Manner of Submission of Tender:-

Bidders have to submit their bid through Etendering mode only at website www.tenderwizard.com/NITR.

1.1 Technical Bid:

Technical Bid shall contain the following documents (clearly, signed and visibly scanned copy to be uploaded at the portal).

- 1) Certificate as registered contractor with the CPWD / PWD of Govt. of Chhattisgarh, or any government /Semi. Govt. against as may be applicable.
- 2) PAN No of the firm
- 3) GST Registration certificate copy.
- 4) Proof of GST return (GSTR-3B/ GSTR-1) submitted during latest financial year up to 30/06/2024.
- 5) Existing/Ongoing commitments as a prime contractor for Civil works in the Central Govt. /State Govt./Govt. PSU/Govt. Autonomous body/Department Copy of Work Order with valid time limit within the dates of tender submission. For ongoing work (Extension of Time if provided should also be mentioned) /Details of other works tendered for and in hand with the value of work unfinished on the last date of submission of tender. The certificate from the Heads of the Offices under whom the works are in progress should be Certified and enclosed.
- 6) Attested copy of partnership deed/ memorandum and articles of association, as the case may be if the etenderer is a partnership firm or joint work company.
- 7) Should have a solvency of 30% of estimated cost issued by his bankers. The solvency certificate should be issued after 31/03/2024.



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- 8) Attested copy of license having registered with Asstt. Commissioner of Labour as required as per Contract Labour (Regulation Abolition). Act of 1970 and Chhattisgarh Contract Labour (Regulation and Abolition) Rules of 1971.
- 9) Power of attorney on behalf of firms issued in the name of person/s authorized to sign agreements / bills etc. and collect cheques from N.I.T. Raipur for the work done as applicable.
- 10) Certificate of Work Experience.
 - (i) Three similar works, each of value not less than 40% of the estimated cost put to tender, or
 - (ii) Two similar works, each of value not less than 50% of the estimated cost, or
 - (iii) One similar work of value not less than 80% of the estimated cost, all amounts rounded off to a convenient full figure. The work experience should be within the last 07 years calculated from the last date of submission of tender.

The Definition of similar work is any Civil work related to: Civil Construction work, Civil Repair and maintenance works, Civil special repair and maintenance works of Government Building for the purpose of Government Residential/ non-residential buildings/ Institutional buildings, Offices, Institutional, Hostel, Class Rooms or any other buildings or civil work related to Renovation/ Up gradation of any Government Residential building, Offices, Institutional building, Hostel, Class room etc. (Experience certificate should be certified by the officer not below the rank of Executive Engineer or equivalent.)

- 11) Annual Turnover certificate with Minimum Annual turnover should be minimum 30% of the estimated cost of tender. Annual turnover certificate should be certified/audited by CA (Chartered accountant) for last three FY years.

1.2 Price Bid Tender :

“Price Bid” shall contain only the main tender including the common set of conditions / stipulations issued by the Department after the pre-tender conference. A tender submitted without this would be considered as invalid. Financial Bid (Microsoft Excel File) is to be downloaded from website www.tenderwizard.in/NITR and then is to be filled, saved and uploaded (through digital signature) on the same website and not to be submitted in hard copy at all.

1.3 Submission of Tender :

- (I) **To participate in the Etender, it is mandatory for the bidders to have user ID & password, which has to be obtained by submitting an annual registration charges of Rs. 2000/- +GST @ 18% to ITI, through e-payment. Also it is mandatory for all bidders to have class 3 digital signature certificates from any of the CCA (Controller of Certifying Authority, India) or if any support required on DSC, Please contact back to us. (Helpdesk No. 011-49424365, 8305920951)**
- (II) The bid along with necessary documents should be uploaded only on the www.tenderwizard.in/NITR portal as per guidelines mentioned in the portal. Tender has to be submitted only online at <https://www.tenderwizard.in/NITR> . All documents in support of eligibility criteria etc. are also to be scanned and uploaded along with the tender documents. Tender sent by any other mode will not be accepted.



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1.4 Pre-Bid Conference:

If the department found necessary, there shall be a pre-bid conference (the date shall be informed if programmed) in which the doubts of the intending tenders shall be, clarified, besides discussions on and additional suggestion proposed by the etenderes. If found necessary, corrigendum to the tender documents would be issued to all the intending etenderes, and thereafter no further query/condition shall be entertained.

1.5 Opening of Tenders:

On the date specified in tender notice following procedure will be adopted for opening of the tender.

1.6 Technical Bid:

First of all, Technical Bid of the etender will be opened to verify its contents as per requirements. If the various document contained in this part do not meet the requirements of the Department, a note will be recorded accordingly by the tender opening authority and the said tenders Part B not be considered for further action and the same will be recorded.

1.7 Price Bid:

This part shall be opened after evaluation of the technical bid only, if contents of Technical Bid are found to be acceptable to N.I.T. Raipur. The etendered rates in percentage above / below the estimated rates shall then be read out.

2) Earnest Money:

The Bidder/ETenderer shall furnish, as part of its bid, a bid security (BS). **The EMD/Bid security should be submitted online only through etendering portal i.e. www.tenderwizard.in/NITR.** The EMD amount will be **Rs. 17,701/- (Rupees seventeen thousand seven hundred one only).**

2.1 The Earnest money will be refunded in case the tenders are not accepted. In case of successful tenders the Earnest money will be refunded after recovering initial security deposit and completion of contract documents by the Tenders. The amount of Earnest money will be forfeited by N.I.T. Raipur in case the successful contractor does not pay the amount of initial security Deposit within the specified time limit.

3) Performance Security, Security Deposit & Payment Refund of SD:

3.1 A successful bidder shall required to deposit of performance security in the form of DD/FDR/Bank Guarantee @ 5% of the contract amount that shall be given in the Letter of acceptance/ work order. Bidder would be required to deposit the amount before inception of work. Validity of performance guarantee should be as per CPWD works manual.

3.2 Payment toward work will be made through running account Bills at different stages of work/ work completion stages should be 20% of the contract amount at the time of submission of RA Bills. Final Bill will be made after completion of work and submission of all necessary documents, drawing as per the agreement/ Tender document.



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3.3 The security deposit shall be collected by deduction from the running bill of the contractors at the rate mentioned below, and the earnest money that is deposited at the time of tender, shall be treated as part of the security deposit. The security deposit can also be deposited in cash or in the form of Government Securities, Fixed Deposit Receipts. etc. Earnest money shall be adjusted first in the security deposit and further recovery of security deposit shall commence only when the upto date amount of security deposit starts exceeding the earnest money.

Security deposit will be released only after completion of Defect Liability Period which will be one year in case of said work.

3.4 A sum @ 5% of the gross amount of the bill shall be deducted from each running bill of the contractor, till the sum along with the sum already deposited as earnest money amounts to security deposit @ 5% of the tendered amount of the work. Such deductions shall be made unless the contractor has deposited the amount of security at the rate mentioned in cash or Government Securities or Fixed Deposit Receipts.

4) Time Limit & compensation for delay in work:

The work is to be completed within the time limit as specified in the enclosed statement, which shall be reckoned from the date of written order commencing the work following by submission of Performance security as per the Tender T&C. In case of extension of time required due to unforeseen circumstances or else, contractor shall submit request for extension of time. The approval on extension of time shall be at the discretion of NITRR. If the contractor fails to maintain the required progress or to complete the work and clear the side on or before the contract or extended date of completion he shall without prejudice to any other right or remedy available under the law to the government on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below on the amount of remaining work after the time limit provided to complete the work (including extension if any).

(i) Compensation for delay of work @ 1.5% per month of delay to be computed on per day basis on the remaining work after time limit provided, shall be limited maximum up to 3.0%

5) Tender Rate:

No alteration in the form of tender and the schedule of tender and no additions in the scope of stipulation will be permitted. Rates quoted for the tender shall be taken as applicable to all leads and lifts.

6) Correction:

No corrections shall be made in the tender documents. Any corrections that are to be made by crossing the incorrect portion and writing the correct portions above shall bear the initials of tenders.

7) Tender's Acceptance:

Acceptance of tender will rest with the Director, N.I.T. Raipur who reserves the right to reject any of all tenders without any reasons. The tender whose tender is accepted will have to enter into a regular agreement within 15 days or being notified to do so. In case of failure on the part of Tenders to sign the agreement within the stipulated time, the earnest money paid by him shall stand forfeited by the N.I.T. Raipur and the offer of the tender shall be considered as withdrawn by him.

8) Conditional Tender:

The tenders who do not fulfil the conditions of the notification and the general rules and directions for the guidance to contractor in the agreement form or are incomplete in any respect are likely to be rejected without assigning any reason therefore.



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9) Drawing Specifications and Quarries

- (a) The Tenders shall be presumed to have carefully examined the drawings, conditions and specifications of the work and have fully acquainted themselves with all details of the site, the conditions of rock and its joints, pattern, river, weather characteristics labour conditions and in general with all the necessary information and data pertaining to the work, prior tendering for the work.
- (b) In case of drawing and design prepared by the bidding agency/firm contractor, it shall be duly prepared in accordance with the concerning department/ Engineer-in-charge of the said work. The structural drawing required for the said work to be vetted by the structural designers of IIT/NIT/any Govt. Institution. The charges/ fees for the same shall be paid by the contractor and will be reimbursed to the contractor on production of proper receipt from the institute.

10) Power of Attorney:

If the tenders are firm of company, they should in their forwarding letter mention the names of all the partners together with the name of the person who holds the Power of Attorney authorizing him to conduct all transactions on behalf of the body, along with the tender.

- 11) The tenders may in the forwarding letter mention any points he may wish to make clear but right is reserved to reject the same of the whole of the tenders if the same become conditional tender thereby.
- 12) The contractors of the firms tendering for the work shall inform N.I.T. Raipur if they appoint their authorized agent on the work.
- 13) Due to non-availability of foreign exchange no foreign exchange will be released by N.I.T. Raipur for the purchase of Plants and Machinery for the work by the Contractor.
- 14) Any dues arising out of contract will be recovered from the contractor as arrears of Land Revenue if not paid amicably. Moreover, recovery of N.I.T. Raipur dues for the contractor will be effected from the payment due to the Contractor from any other N.I.T. Raipur works under execution with them.
- 15) All pages of tender documents, conditions, specifications corrections slips etc. shall be initiated by the tenderer. The tender should bear full signature of tender, or his authorized power of Attorney holder in case of firm.
- 16) The income tax including surcharge in force from time of at the rate as intimated by the competent Income Tax authority shall be deducted from bill amount.

17) Validity Period:

The offer shall remain open for acceptance for minimum period of **120 days** from the date fixed for opening the same and thereafter until it is withdrawn by the contractor by giving notice in writing duly addressed to the Director, N.I.T. Raipur and sent by Registered Post Acknowledgement due.

- 18) The tendered rates/ quoted rate by the bidder shall be inclusive of all taxes & liabilities.
- 19) The Water consumption charges for the work will be recovered @ 1% of the billed amount from the contractor's bill, if it is supplied by the institute.
- 20) The Electricity consumption charges for the work will be recovered as per actual or assessment basis from the contractor's bill, if it is supplied by the institute.



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21) Performance Security

- a. Within 10 working days of receipt of the Letter of Acceptance, the successful Contractor shall deliver to the Employer a Performance Security in any of the forms given below for an amount equivalent to 5% of contact price.
 - i) A bank guarantee in the appropriate form or
 - ii) Bank draft/FDR in Favour of Director, N.I.T. Raipur payable at Raipur.
- b. If the performance security is provided by the successful Contractor in the form of a Bank Guarantee, it shall be issued either (a) at the Contractor's option, by a Nationalized / Scheduled Bank.
- c. Failure of the successful Contractor to comply with the requirements shall constitute a breach of contract, cause for annulment of the award, forfeited of the bid security, and any such other remedy the Employer may take under the and the Employer may resort to awarding the contract to the next ranked Contractor.

Contractor

*Executive Engineer
Estate Department, NIT Raipur*



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PERCENTAGE RATE FOR WORK

General rules and directions for the guidance of contractors:

1. All work proposed to be executed by contract shall be notified in a form of invitation to tender pasted on a board hung up in office of the Estate Department (Civil) and signed by the DIRECTOR, N.I.T. Raipur. The form will state the work to be carried out as well as the date for submitting and opening tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited with the tender and the amount of security deposit to be deposited by the successful tenderer and the percentage, if any, to be deducted from bills. It will also state whether a refund of quarry fees, royalties, and ground rents will be granted. Copies of the specifications, designs and drawings and estimated rates, scheduled rates and other documents required in connection with the work which will be signed by the Professor In charge (Estate Department, Civil) for the purpose of identifications shall also be open for inspection by contractors at the office of the estate office civil division during office hours.
2. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof, and in the event of the absence of any partner it shall be signed on his behalf by a person holding a power of attorney authorizing.

Where the works are proposed to be executed according to the specifications recommended by a contractor and approved by a competent authority on behalf of N.I.T. Raipur. Specifications with design and drawings shall form part of the accepted tender.

 - i) The contractor shall pay Earnest money along with the Tender. The contractor may pay the said amount by forwarding along with the tender a DD for the said amount for a period of one year issued a Nationalised / Scheduled bank in the name of Director, N.I.T. Raipur. The said amount of earnest money shall not carry any interest whatsoever.
 - ii) In the event of his tender being accepted, subject to the provision of sub clause (iii) below, the said amount of earnest money shall be appropriated towards the amount of security deposit, payable by him under condition of General Conditions of Contract.
 - iii) If after submitting the tender the contractor withdraws his offer or modifies the same or if after the acceptance of his Tender, the contractor fails or neglects to furnish the balance security deposit, without prejudice to any other rights and powers of N.I.T. Raipur or in law N.I.T. Raipur shall be entitled to forfeit the full amount of earnest money deposited by him.
3. Receipt for payments made on account of any work, when executed by a firm, should also be signed by all partners, except where the contractors are described in their tender as a firm, in which case the receipts shall be signed in the name of the firm by one of the partners, or by some other person having authority to give effectual receipts for the firm.
4. Any person who submits a tender shall fill up the usual printed form including the column total according estimated quantities stating at what rate he is willing to undertake each work specified in the said form if invitations to tender, or in the time allowed for carrying out the work, or which contains any other conditions of any sort, will be liable to rejection. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit a separate tender for each.



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5. The Chairman tender opening committee (civil) will open tenders in the presence of any intending contractors who may be present at the item and will enter the amount of several tenders in a comparative statement in a suitable form. In the event of tender being accepted, the contractor shall thereupon, for the purpose of identification, sign copies of the specifications and other documents mentioned in Rule 1. In event of a tender being rejected, the authority shall refund the amount of earnest money deposited by the contractor making the tender, on his giving a receipt for the return of the money.
6. The Director / Officers competent to dispose of the tenders shall have the rights of rejecting any or all of the tenders.
7. The price shall be quoted by the bidder on percentage basis for percentage rate tender and item wise for item rate tender. Rates for Civil & Electrical work shall be quoted separately by the bidder on price schedule (if provided in price bid) however the lowest rate calculated on aggregate sum of two or more price schedules duly converting the quoted value in terms of percentage (for percentage rate tenders) taking corresponding Estimated cost as base value given in the tender.
8. Quantities described in the price schedule may be increase or decrease as per site condition the contractor shall perform the work for deviated quantity at the same rate quoted by him during the submission of tender.
9. No receipt for any payment alleged to have been made by a contractor in regard to any matter relating to this tender or the contract shall be valid and binding on N.I.T. Raipur unless it is signed by the competent authority of NIT Raipur.
10. All works shall be measured net by standard measure and according to the rules and customs of the CPWD without reference to any local custom. Contractor shall carry out the work as per Specification available in CPWD Specification, General Condition of Contract of CPWD.
11. Under no circumstances shall any contractor be entitled to claim enhanced rates for any items in this contract.
12. The measurement of work will be taken according to the usual method on the CPWD and no proposal to adopt alternative methods will be accepted. The competent authority's decision as to what is "the usual method in use in Central Public Works Department" will be final.
13. Every tendered shall submit along with the tender information regarding the income tax circle of ward of the district in which he is assessed to income tax, the reference to number of the assessment and the assessment year.
14. The contractor will have to construct shed for storing controlled and valuable materials issued to him under Schedule 'A' of the agreement. The materials will then be taken for use in the presence of the departmental person. No materials will be allowed to be removed from the site of works.
15. The tendering contractor should furnish a detailed statement of works in hand, showing the costs of works in hand, the works completed against each with certificate from head of the office concerned.



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GENERAL SPECIFICATION FOR CIVIL WORKS

1. Except for the items, for which particular specifications are given or where it is specifically mentioned otherwise in the description of items in the schedule of quantities the work shall generally be carried out in accordance with the “CPWD specifications. (Hereinafter to be referred to as CPWD specifications) and instructions of Engineer-in-Charge. Wherever CPWD specifications are silent the latest IS codes/specification shall be followed.
2. The order of preference in case of any discrepancy as indicated under “Conditions of Contract” given in standard CPWD contract form may be read as the following:
 - i) Nomenclature of items as per schedule of quantities.
 - ii) Particular specification and special condition, if any.
 - iii) CPWD specifications.
 - iv) Architectural Drawings
 - v) Indian standard specifications of B.I.S.
 - vi) Sound Engineering Practice

A reference made to any Indian Standard specification in these documents, shall imply to the latest version of that standard. Including such revision/amendments as issued by the bureau of Indian standard upto last date of receipt of tenders. The contractor shall keep at his own cost all such publications of relevant Indian standard applicable to the work at site.

3. The proposed/existing building is a prestigious project and quality of work is paramount importance. Contractor shall have to engage well experienced skilled labour and deploy modern T&P and other equipment to execute the work. Many items like stone masonry & stone cladding works, stone flooring, structural glazing, PVDF coating aluminium composite panel and other specialized flooring work, Wood work will specially require engagement of skilled workers having experience particularly in execution of such items.
4. Samples of all materials and fittings to be used in the work in respect of brand manufacturer and quality shall be got approved from the Engineer-in-Charge, well in advance of actual execution and shall be preserved till the completion of the work. Articles bearing BIS certifications mark shall only be used unless no manufacturer has got BIS mark for the particular material. Any material/fitting whose sample has not been approved in advance and any other unapproved material brought by the contractor shall be immediately removed as soon as directed.
5. The contractor (s) shall quote all-inclusive rates against the items in the schedule of quantities and nothing extra shall be payable for any of the conditions and specifications mentioned. In the tender documents unless specifically specified otherwise.



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6. The quantities mentioned in the schedule of quantity may vary either on higher or lower side however bidder shall be paid on the basis of quoted rate by him in the price bid. In case of execution of extra/ substituted items during the contract agreement period, the bidder shall be paid as per the rate analysis prepared by the Engineer in Charge of the concern department duly accepted by the contractor/ bidder.
7. For the Items Extra/ Substituted during execution of work, General Practice shall be followed as per GCC of CPWD/ norms adapted/accepted by the Institute whatsoever.
8. Unless otherwise specified in the schedule of quantities the rates for all items shall be considered as inclusive of pumping/baling out water, if necessary, for which no extra payment shall be made. Those conditions shall be considered to include water from any source such as inflow of flood, surface and sub-soil water etc. and shall apply to the execution in any season.
9. The rate for all items in which the use of cement is involved is inclusive of charges for curing.
10. The foundation trenches shall be kept free from water while works below ground level are in progress.
11. Sanitary and hygiene working and living condition for the workers deployed by the contractor shall be abide by the contractor as per the labor regulations Act/ rules.
12. Disposal of dismantled material Inside the Institute premises up to 2 KM shall be in the scope of bidder Rate shall Quoted by bidder according to site survey and considering all the lead and lifts. However, institute shall reserve the right to retain such material if required.

Contractor

Executive Engineer
Estate Department, NIT Raipur



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Acceptance of terms & conditions of tender (Must be on Letter Head)

Date:.....

To,

The Executive Engineer
Estate Department,
National Institute of Technology,
Raipur-492010 (Chhattisgarh)

Subject: Acceptance of Terms & conditions of Tender.

Tender ref. No.: NITRR/EE/E.O./ETender/2024/.....

Raipur, Dated:

Dear Sir,

1. I/We have downloaded/obtained the tender document(s) for the above mentioned Tender enquiry no. from the website www.tenderwizard.in/NITR or www.nitr.ac.in .
2. I/We hereby certify that I/we have read entire terms & conditions of the tender documents from Page 01 to 21 (including all documents like annexure, schedules etc.) which form part of the tender document and I/we shall be abide by the terms & conditions/clauses contained therein.
3. The corrigendum(s) issued from time to time by NIT Raipur to have also been taken into consideration, while submitting this acceptance letter.
4. I/We hereby unconditionally accept the tender conditions of above-mentioned tender document(s)/ corrigendum(s) in totality/entirely.
5. In case any provisions of this tender are found violated, NIT Raipur shall be at liberty to reject this tender/bid including the forfeiture of the full said earnest money deposit absolutely and we shall not have any claim/right against NIT Raipur in satisfaction of this condition.
6. I/We confirm that we or our proprietor/Director/Partner have not been blacklisted or debarred or declared ineligible for corrupt/fraudulent practices either indefinitely or for a particular period of time by any Government or other agency. I/we further declare that no criminal case is registered on pending against the firm/company or its owner/partners/directors anywhere in India. Also there are no contractual restrictions or legal disqualifications or other obligations which prohibit the applicant from entering into tender process.

(Seal & Signature of the bidder)



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PRICE SHEDULE

Name of work: Regarding renovation and repair maintenance works in Biomechanics lab, Biomedical Engineering Department of NIT Raipur.

SCHEDULE-A (CIVIL WORKS)

Sl. No	Ref. Item No.	Description & Item Specification	Unit	Unit Rate (in Rs.)	Approx. Quantity	Amount (in Rs.)
1	2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
	2.8.1	All kinds of soil.	Cum	286.85	4.00	1147.40
2	2.35	Diluting and injecting chemical emulsion for POST-CONSTRUCTION anti-termite treatment (excluding the cost of chemical emulsion) :				
	2.35.3	Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1:2 (1 cement : 2 coarse sand) to match the existing floor :				
	2.35.3.1	With Chlorpyrifos / Lindane E.C. 20% with 1% concentration.	Sqm.	256.15	75.00	19211.25
3	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	4.1.5	1:3:6 (1 cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size).	Cum	6833.40	1.00	6833.40
4	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size).	Cum	10719.30	4.00	42877.20



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5	5.9	Centering and shuttering including strutting, propping etc. and removal of form for all heights :				
	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm.	608.35	23.00	13992.05
6	5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
	5.22A.6	Thermo-Mechanically Treated bars of grade Fe-500 D or more.	Kg.	89.65	440.00	39446.00
7	6.32	Brick work with clay flyash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level in :				
	6.32.2	Cement mortar 1:6 (1 cement : 6 coarse sand).	Cum	8190.90	4.00	32763.60
8	6.45	Half brick masonry with non modular fly ash bricks of class designation 10, conforming to IS :12894, in super structure above plinth and upto floor V level.				
	6.45.2	Cement mortar 1 : 4 (1 cement : 4 coarse sand)	Sqm.	969.65	3.50	3393.78
9	9.1	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).				
	9.1.2	Sal wood.	Cum	106720.85	0.06	6403.25
10	9.10	Providing and fixing factory made laminated veneer lumber glazed shutter conforming to IS: 14616 and TADS 15:2001 (Part B), using 4 mm thick float glass panes for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, all as per directions of Engineer-in-charge (Note:- Butt hinges and necessary screws shall be paid separately)				
	9.10.1	30 mm thick shutters.	Sqm	2682.05	2.86	7670.66
11	9.70	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete :				
	9.70.2	100X58X1.90 mm.	Each	86.15	9.00	775.35
12	9.74	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete.				
	9.74.3	150x10 mm.	Each	232.30	2.00	464.60



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13	9.75	Providing and fixing bright finished brass door latch with necessary screws etc. complete :				
	9.75.1	300x16x5 mm.	Each	273.20	1.00	273.20
14	9.77	Providing and fixing bright finished brass 100 mm mortice latch with one dead bolt and a pair of lever handles of approved quality with necessary screws etc. complete.	Each	603.40	1.00	603.40
15	9.81	Providing and fixing bright finished brass handles with screws etc. complete:				
	9.81.1	125 mm.	Each	205.10	4.00	820.40
16	9.82	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	Each	109.60	2.00	219.20
17	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg.	111.95	1100.00	123145.00
18	10.16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.				
	10.16.1	Hot finished welded type tubes.	Kg.	154.90	763.00	118188.70
19	11.4	52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacturer's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	Sqm	855.90	14.00	11982.60



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20	12.50	Providing and fixing precoated galvanised iron profile sheets (size shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.50 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the steel and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling / self tapping screws of size (5.5 x 55 mm) with EPDM Seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Sqm	671.55	122.00	81929.10
21	12.51	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 cm (+0.05%) total coated thickness, Zinc coating 120 grams per sqm as per IS : 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self-drilling/ self-tapping screws complete :				
	12.51.1	Ridges lain (500-600 mm).	Metre	450.60	13.60	6128.16
22	12.52	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of				



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		approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.				
	12.52.1	GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.	Sqm	1591.70	75.00	119377.50
23	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
	13.2.2	1:6 (1 cement: 6 fine sand).	Sqm	324.30	46.00	14917.80
24	15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
	15.7.4	In cement mortar.	Cum	1698.45	10.00	16984.50
25	15.12	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
	15.12.1	Of area 3 sq. metres and below	Each	302.70	2.00	605.40
26	15.14	Dismantling wood work in frames, trusses, purlins and rafters up to 10 metres span and 5 metres height including stacking the material within 50 meters lead :				
	15.14.1	Of sectional area 40 square centimeters and above.	Cum	3674.50	2.55	9369.98
27	15.28	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of:				
	15.28.2	Asbestos Cement sheet.	Sqm	63.75	122.00	7777.50



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28	17.2	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :				
	17.2.1	W.C. pan with ISI marked white solid plastic seat and lid.	Each	5540.55	1.00	5540.55
29	17.4	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
	17.4.1	One urinal basin with 5 litre white P.V.C. automatic flushing cistern.	Each	5268.85	1.00	5268.85
30	17.7	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				
	17.7.1	White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps.	Each	2275	1.00	2275.00
31	17.16A	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	Each	299.35	1.00	299.35
32	18.51	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.				
	18.51.1	15 mm nominal bore	Each	708.40	1.00	708.40
TOTAL COST FOR CIVIL WORKS (SCHEDULE-A)						701393.00



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SCHEDULE-B (ELECTRICAL WORKS)

Sl. No.	Ref. Item No.	Items Description	Unit	Unit Rate (in Rs.)	Approx. Qty.	Amount (in Rs.)
1	1.10	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	1.10.2	Group-B	Point	1182.00	11.00	13002.00
	1.10.3	Group-C	Point	1467.00	11.00	16137.00
2	1.14	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed medium class PVC conduit as required.				
	1.14.2	2 X 2.5 sq mm +1 X 2.5 sqmm earth wire	Metre	275.00	130.00	35750.00
	1.14.3	2 x 4 sq mm +1 X 4 sqmm earth wire	Metre	334.00	70.00	23380.00
3	1.24	Supplying and fixing following modular switch / socket on the existing modular plate & switch box including connection but excluding modular plate etc.as required.				
	1.24.1	5/6 Amp switch	Each	103.00	31.00	3193.00
	1.24.3	15/16 Amps switch	Each	156.00	30.00	4680.00
	1.24.4	3 pin 5/6 Amp socket outlet.	Each	122.00	31.00	3782.00
	1.24.5	6 pin 15/16 Amps socket outlet	Each	197.00	30.00	5910.00
4	1.27	Supplying and fixing Following size /modular, G.I box along with modular base & cover plate for modular switches in recess etc. as required				
	1.27.5	8 modular (125 mm X 125 mm)	Each	454.00	2.00	908.00
	1.27.6	12 Module (200 mm X 150 mm).	Each	547.00	15.00	8205.00
5	1.25	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	369.00	8.00	2952.00
6	1.33	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	Each	87.00	5.00	435.00



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7	1.44	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	Each	213.00	8.00	1704.00
8	1.50	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.				
	1.50.1	Upto 450 mm sweep.	Each	450.00	1.00	450.00
9	2.10	Supplying and fixing 5 A to 32 A rating 240/415 V, 10KA, "C" curve Miniature circuit breaker Suitable for inductive load of following poles in the existing MCB DB complete with connection testing and commissioning etc. as required.				
	2.10.1	Single pole	Each	256.00	13.00	3328.00
	2.10.5	Triple pole and Neutral	Each	1228.00	1.00	1228.00
10	SOR (31.1)	LED pannel light (recessed mounting), Supplying and fixing of recessed mounting type LED light fixture, LED of 1 to 3 watt each assembled on single MCPCB, having colour temp upto 6500k & having 50000 burning hrs life with minimum @ L 70. System lumen output should be minimum with efficiency>100 lm/watt. LE drive PF>.95. THD<20% & surge protection 4kv. the cloure rendering index of LED light should be more than 70. housing mde of CRCA powder coated frame with glare free diffused polycarbonate cover. Submission LM 79-08/IS 16106 (2012). IEC60598, IEC61347i/c connection wire, testing etc. to complete the job.				
	31.4.1	(2'x2', 36 watt 3000-6500k), LED luminaire 2'x2', 36 watt, colore Temp 3000-6500k as required.	Each	3103.00	10.00	31030.00
11	NSR	Supply and fixing of 20 watt LED Batten tube lihgt. Make : Havells, Bajaj, Philips, Orient	Each	215.00	3.00	645.00
12	NSR	Supplying of ceiling fan 1200 mm sweep RPM>300, Make: Havells, Bajaj, Orient, Crompton, Usha	Each	2100.00	8.00	16800.00
13	NSR	Supplying of 300 mm sweep metal exhaust fan 4 blade doble bollm, bearing RPM- more than 1300, Make - Havells, Bajaj, Orient, Crompton, Usha.	Each	2000.00	1.00	2000.00



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14	1.57	Supplying and fixing suitable size G.I box with modular plate and cover in front on surface or in recess , including providing and fixing 25 Amp modular socket outlet and 25 Amp modular SP MCB "C" curve including connection , painting etc. as required.	Each	727.00	3.00	2181.00
15	2.4	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/ RCCB/ Isolator).				
	2.4.3	8 way (4 + 24), Double door	Each	5967.00	1.00	5967.00
TOTAL COST FOR ELECTRICAL WORKS (SCHEDULE-B)						183667.00
GRAND TOTAL COST (CIVIL + ELECTRICAL) SCHEDULE-A + SCHEDULE-B						8,85,060.00

Seal & Signature of contractors

Date.....

Place.....