



No./NITRR/EE/E.O./ETender/2023/0164

Raipur, Dated: 21/04/2023

(Third call)

NOTICE INVITING ETENDER

ETender is invited by the Chairman, Departmental works Committee Estate Office (Civil), 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	EMD	Time limit for completion	Cost of Tender Form (Rs.)	Last date & time for submission of Tender Online
1	2	3	4	5	6	7
01	Regarding repair and civil maintenance works in boys hostels of NIT Raipur.	3,39,373/-	6,787/-	60 Days	590/-	06/05/2023 Upto 18.00 Hrs.

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

ETender must be submitted through www.tenderwizard.com/NITR upto **06/05/2023 up to 18:00 Hrs.** and the tender will be opened in the office of Asst. Registrar (S&P)/ EE (Estate Office) on **08/05/2023 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.nitrr.ac.in) & etendering portal i.e. www.tenderwizard.com/NITR and submit tender fee of amount 590/-(inclusive of GST) through online mode in our etendering portal i.e. www.tenderwizard.com/NITR.

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Chairman
Departmental Works Committee
Estate Office (Civil), NITRR

C.c To:

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

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Chairman

Departmental Works Committee
Estate Office (Civil), NITRR



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DETAILED TENDER NOTICE TO CONTRACTORS

ETenders for work of: - **Regarding repair and civil maintenance works in boys hostels of NIT Raipur.**

Forms are invited by the Chairman, Departmental works Committee Estate Office (Civil), 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 **06/05/2023 up to 1800 Hrs (I.S.T.)** will be opened on **08/05/2023 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 (seal and signature of bidder must be on document scanned copy to be uploaded at the portal).

- 1) Certificate as Valid 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 31/12/2022.
- 5) 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, colour washing work, Repair and maintenance work, Special Repair and maintenance work, Waterproofing work of any Government Building for the purpose of Government Residential, Offices, Institutional, Hostel, Class Rooms, etc./ Special repair and maintenance/ Renovation/ Up gradation/ Colour washing work and other civil maintenance works of any Government Residential building, Offices, Institutional



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building, Hostel, Class room etc. (Experience certificate should be certified by the officer not below the rank of Executive Engineer or equivalent.)

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.com/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.com/NITR portal as per guidelines mentioned in the portal. Tender has to be submitted only online at <https://www.tenderwizard.com/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.

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 etender

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.



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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 tendered 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 tendering portal i.e. www.tenderwizard.com/NITR.** The EMD amount will be **Rs. 6,787/- (Rupees Six Thousand Seven Hundred Eighty-Seven Only).**

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 Final Bill will be made after completion of work and submission of all necessary documents, drawing as per the agreement/ Tender document.

3.3 The security deposit shall be collected by deduction from the 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 03 (Three) month in case of said work.

3.4 A sum @ 5% of the gross amount of the bill shall be deducted from first and final 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.

4.0) 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



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the side on or before the contract or extended date of completion he shall without prejudice to any other right or ready 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%

5.0) 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.

6.0) 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.

7.0) 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.

8.0) 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.

9.0) 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.



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- 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 if 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 **90 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.
- 21) **Performance Security**
 - a. Within 15 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 contract 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

Chairman
Departmental Works Committee
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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 office (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 office, 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 items wise for items rate tender. Rates for Civil & Electrical work shall be quoted separately by the bidder on price schedule (if provided in price bide) 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.
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/



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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

Chairman
Departmental Works Committee
Estate Office (Civil), NITRR



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Raipur, Dated: 21/04/2023

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

Date:.....

To,

The Chairman
Departmental works Committee
Estate Office (Civil)
National Institute of Technology,
Raipur-492010(Chhattisgarh)

Subject: Acceptance of Terms & conditions of Tender.

Tender ref. No.: NITRR/EE/E.O./ETender/2023/.....

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.com/NITR or www.nitrr.ac.in.
2. I/We hereby certify that I/we have read entire terms & conditions of the tender documents from Page 01 to 13 (including all documents like annexure, schedules etc.) which form part of the tender document and I/we shall 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 or 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 repair and civil maintenance works in boys hostels of NIT Raipur.

Sl. No	Reference Item No.	Description & Item Specification	Unit	Unit Rate	Quantity	Amount (in Rs.)
1	6.45	Half brick masonry with non modular fly ash bricks of class designation 10, conforming 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	50.00	48482.50
2	8.31	Providing and fixing Ist 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.	Sqm	1063.45	110.00	116979.50
3	12.41	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.				
	12.41.1	75 mm diameter.	Metre	213.00	50.00	10650.00
4	12.42	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.				
	12.42.5	Bend 87.5°				
	12.42.5.1	75 mm bend.	Each	91.80	32.00	2937.60
5	13.1	12 mm cement plaster of mix :				
	13.1.1	1:4 (1 cement: 4 fine sand).	Sqm	294.85	110.00	32433.50



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6	17.10	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :				
	17.10.2	Kitchen sink without drain board.				
	17.10.2.2	610x460 mm bowl depth 200 mm.	Each	3337.85	30.00	100135.50
7	18.7	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.				
	18.7.2	20 mm nominal dia Pipes.	Metre	325.10	20.00	6502.00
8	18.5	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	30.00	21252.00
TOTAL AMOUNT						339373

Seal & Signature of contractors

Date.....

Place.....