



**NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA-769008 (ODISHA)**

C O R R I G E N D U M

Tender Notice No:07/CT-06/2012-13

The due date for submission of bids for

**DESIGN,ENGINEERING,SUPPLY,CONSTRUCTION,
ERECTION, TESTING & COMMISSIONING OF 5.0
MLD DRINKING WATER TREATMENT PLANT ON
TURNKEY BASIS IN NIT ROURKELA**

Is hereby extended up to 27th JULY, 2012 by 3.00 p.m
for details, visit www.nitrkl.ac.in/tender.asp

Contact: Prof. S.K. Das, PIC (Civil Construction)

Phone no: 0661-2462315,

Email : sarat@nitrkl.ac.in

S/d Registrar

An Institute where everyone strives to attain his Potential.

ADDENDUM

**TO TECHNICAL SPECIFICATION OF 5
MLD WATER TREATMENT PLANT AT NIT ROURKELA**

1. The overloading capacity of Cascade Aerator shall be 50% over normal capacity i.e., 7.5 MLD.
2. Flash Mixer shall be provided with Stainless Steel Agitator.
3. Scraper Bridge of Primary Clarifier and Clariflocculator shall be Peripheral Motor Driven type provided with MS Wheel on Rail.
4. By-pass Arrangement shall be provided to Primary Clarifier and Clariflocculator to by-pass them during any maintenance.
5. Outlet turbidity from Primary Clarifier shall be within 200 NTU.
6. Outlet turbidity from Clariflocculator shall be within 20 NTU.
7. Filter Beds shall be designed for filtration of inlet turbidity of 20 to 50 NTU and outlet turbidity 1NTU.
8. Instead of two Twin Filter Beds, there shall be four (4) single Filter Beds, each of capacity 1.25 MLD, ie, total 5.0 MLD capacity. The overloading capacity of Filter Beds shall be 35% and net filtration area provided shall not be less than 60 sq. meters.
9. In Chemical House, there shall be eight (8) chemical solution preparation Tanks, two(2) Tanks for each chemicals i.e., Alum, Lime, PAC & Bleaching Powder.
10. In Chlorine House, there shall be two(2) Chlorinators, each of 5.0 Kg/ Hr capacity.
11. Following type Overhead Lifting Hoists with Monorail shall be provided for material handling purpose.
 - i) In Chemical House : Electrically Operated Hoist of 1.0 Tonne
Capacity x 2 (two) nos.
 - ii) In Chlorine House : Manually Operated Hoist of 3.0 Tonne
Capacity x 1 (one) no.
 - iii) In Filter House : Manually Operated Hoist of 2.0 Tonne
Capacity x 1 no.
12. Size of Sludge Pond shall be 1000 Sq. Metres with Dyke of 1.5M height.



**NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA-769008, ODISHA**

(TENDER NOTICE NO – 07/CT-06/2012-13)

(Design, Engineering, Supply, Construction, Erection, Testing & Commissioning of 5.0 MLD Drinking Water Treatment Plant on Turnkey Basis and Operation & Maintenance for One Year.

Sealed tenders are invited from reputed Contractors of Class-I/Special Class having valid registration with PWD (Orissa State) / CPWD / PSUs and reputed firms having sound financial status, machinery, resources and experience in execution of similar works.

<u>Name of Work</u>	<u>Earnest Money Deposit</u>	<u>Time of Completion</u>
5.0 MLD Drinking. Water Treatment Plant	Rs. 5,00,000.00	12 months

1. The contractors who fulfill the following requirements shall be eligible to apply:
 - a) Should have satisfactorily completed similar works, at least one work of minimum 5 MLD Capacity Drinking Water Treatment Plant successfully.
Similar work shall mean Design, Engineering, Supply, Construction, Erection, Testing & Commissioning of Drinking Water Treatment Plant on turnkey basis
 - b) Should have minimum annual financial turnover of Rs. 3 crores during last three years.
 - c) Should not have incurred any loss in more than two years during the last five years.
 - d) Information regarding projects in hand, current litigation, orders regarding exclusion, expulsion or black listing, if any should be indicated.
 - e) A duly constituted committee based on the information to be submitted by agency, will assess the capacity of the construction agency to take up the new project under consideration to complete in time.
2. Those firms who have submitted their offers for the above work vide Tender Notice No. – 10 of 2011-12 may submit additional documents as indicated above.
3. (a) EMD shall be in the form of Crossed Demand Draft only payable at Rourkela in favour of National Institute of Technology, Rourkela. EMD in shape of Bank Guarantee or in any other form shall not be accepted.
 - a) **Validity of Tender** :120 days
 - b) **Date of issue of Tender** :From 07.07.2012 to 28.05.2012 during office hours.
 - c) **Pre-bid Conference** :29.05.2012 at 10-30 A.M in Board Room.
 - d) **Last date of Submission** :27.07.2012 at 3.00 PM
 - e) **Date & Time of Opening of Tender:** 27.07.2012 at 3.30 P.M
4. Questionnaire to tenders is given in the Annexure-I
5. A Pre-bid conference will be held in the Board Room, NIT, Rourkela as per Schedule given for clarifying issues and clearing doubts, if any, about the specification & other allied technical details of the plant, equipment and machinery projected in bidding document. The prospective bidders may attend the pre-bid conference at the appointed date, time and place.

6. The tender papers may be downloaded from NIT website (i.e. www.nitrkl.ac.in). However, payment of Rs.1,000.00 (non refundable) towards price of Tender documents in the form of Bank Draft payable at Rourkela in favour of National Institute of Technology, Rourkela shall be submitted along with the Bank Draft for EMD.
7. The submission of bids by the tendered should be addressed to the Registrar National Institute of Technology, Rourkela in four separate sealed envelopes enclosed in one cover envelope superscribing on the top of the envelope as:

<p>5.0 MLD DRINKING WATER TREATMENT PLANT (TENDER NOTICE NO- 07/CT-06/2012-13) DUE DATE: 27.07.2012 at 03.00 p.m OPENING DATE : 27.07.2012 at 3.30 p.m</p>
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Envelope No-I: - To contain Bank Drafts towards (i) Earnest Money deposit and (ii) Tender Document Price.

Envelope No -II:- To contain Commercial and Financial documents to satisfy Eligibility Criteria as asked for above.

Envelope No-III :- To contain Technical Bid including reply to Questionnaire/additional information.

Envelope No - IV:- To contain the Price Bid in prescribed format as per Annexure of the Tender Document.

NOTE:

- a) Tenderers are advised not to make any alteration /modification in the Tender documents, item of work or any respect whatsoever. Violation of this requirement will make the tender liable for rejection.
 - b) In case schedule date becomes a holiday of NIT Rourkela, the next working date shall be the schedule date.
 - c) **Envelope-I:** Consisting of EMD & Tender Document Price will be opened first on the due date of opening.
 - d) **Envelope No - II & III** - Will be opened subsequently on same day on fulfillment of submission of EMD and Tender Document price.
 - e) **Envelope No-IV** - On satisfying the eligibility criteria and upon finding that the tenderer who have confirmed the acceptance of NIT terms and conditions (both Commercial & Technical), the Envelope No-IV (i.e. Price Bid) will be opened.
8. The tenderer must use only the tender forms issued for the purpose.

9. Overwriting of figures is not permitted. Failure to comply with either of these conditions will render the tender invalid and it will be discretion of National Institute of Technology, Rourkela to accept or reject the tender. No request of any change in rate or condition after opening of tender will be entertained.
10. Each page of the tender documents (after taking a print out of the CD) should be signed by the authorized person or persons submitting the tender as token of his/their having acquainted himself/themselves with the general and special condition of contract, specifications etc as laid down. Any tender with any of the documents not so signed will be subjected to rejection.
11. The tender submitted on behalf of the firm shall be signed by all the partners of the firm or by a partner who has necessary authority on behalf of the firm to enter into the proposed contract, otherwise the tender may be rejected.
12. No consideration will be given to a tender received after the time stipulated above and no extension will be allowed for submission of tender.
13. The NITR shall have the right to reject any tender not conforming to prescribed procedure (or all tenders) without assigning any reason.
14. The time allowed for completion for the work is 12 calendar months (including monsoon period) and the date of commencement of the work is reckoned from the fourteenth day from the date of Letter of Intent/Work Order. Time shall be considered the essence of the contract. The tenderer shall be responsible for operation & maintenance for period of 12 months after successful commissioning of WTP.
15. Water and electricity required for the completion of the construction shall be provided by the Institute free of cost. However, the contractor will have to make arrangement of pipe line for water and electric poles, wires, cable etc .for electricity.
16. The Earnest Money will be retained in case of the successful tenderer as part of the security for due fulfillment of the Contract. No interest shall be paid on this deposit. Failure to enter into the contract agreement within the stipulated time of 20days from the date of letter of Intent shall entail the forfeiture of the Earnest Money Deposit. The Earnest Money of unsuccessful tenderers will be released after issue of work order, without any interest.
17. The tenderer shall submit his tender after carefully examining the whole of the tender document and the terms and conditions of contract, the drawing and specifications, the schedule of quantities etc. and also after examining the site and conditions prevailing in and around site.
18. This notice inviting tenders, the conditions of tender and the duly completed form of tender etc. will form part of the Agreement to be executed by the successful tenderer with the Owner.

- 19.** The competent authority on behalf of National Institute of Technology, Rourkela does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all of the tenders received without the assignment of a reason. All tenders, in which any of the prescribed conditions is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer, shall be summarily rejected.
- 20.** Tenders shall remain valid for a period of 120 days from the date of opening of the tender which period may be extended by mutual agreement and the tenderer shall not cancel or withdraw the tender during the initial validity period 120 days .
- 21.** Tenderers must include in their rates, sales tax including VAT, excise duty, octroi, and sales tax on works contract and any other tax & duty or other levy by the central and state government or any other tax & duty or other levy or to be levied in future by the central government or state government or local authority if applicable except Service tax. The rate quoted shall not include Service Tax which will be reimbursed wherever applicable. No claim in respect of sales tax, excise duty, octroi, turn-over tax, sales tax on works contract or other tax, duty or levy etc. shall be accepted by the Owner, if found later on to be additionally payable. Deductions in respect of sales tax or turnover levied as per government notification and /or guidelines shall be made from the contractor's interim and final bills, and deposited with the relevant authority by the Owner, on his behalf. Any shortfall in deposit thereof shall be made up by the contractor, before submitting his final bill.
- 22.** This contract shall be lump sum price basis. The contractor shall be paid as per approved price break up schedule. The rate of any non-schedule items (i.e. extra item) shall be derived as per conditions of this contract.
- 23.** The tender drawings exhibited/enclosed are preliminary drawings intended for the guidance of the Contractor only. They may be subject to revision and alteration without vitiating any of the terms of the contract and the contractor shall be bound to execute the works as shown on the final drawings without claiming any extra payment.
- 24.** No correspondence will be entertained in respect of this tender other than any clarification strictly pertaining to this tender.
- 25.** All the correspondence and documents shall be in English only.
- 26.** The tender price quoted by a tenderer shall be kept strictly confidential by them and shall not be divulged to any other party even approximately before the time limit for delivery of tender. The only exception be for obtaining an insurance quotation, you may give your insurance company or agent any essential information they ask for, so long as it is done in strict confidence. No information about others tender price should be obtained and no arrangement with anyone else should be made whether or not he submitted the tender.

27. For electrical works, tenderer must possess necessary license from the competent authority of Govt. of Odisha valid in Rourkela, wherever applicable.
28. Tenderers are requested to be present at the time of opening of the bids for discussions, if any.
29. Details including our prescribed format for prequalification, BOQ, General Conditions and Special Conditions of Contracts etc. are available in our website at <http://www.nitrkl.ac.in/tender.asp>.

REGISTRAR

National Institute of Technology

Rourkela-769008 (Orissa)

Fax: 0661-2472022

Ph No: 0661-2472021

Copy to: 1. Director } For kind information
2. Dean (PD) }
3. Prof A. K. Panda, PIC (ET)
4. Prof. S. K. Das, PIC (CT)
5. Prof. A. K. Panda, VP (Civil)

CHECK LIST FOR SUBMISSION OF TENDER
DOCUMENTS

Forms to be filled in properly.

1. Form-A: This form (check list)
2. Form-B: Letter of Transmit
3. Form-C
4. Form-D
5. Photocopy of documents to be attached.
 - a) Valid license
 - b) Work orders of similar work executed.
 - c) Vat Clearance Certificate & PAN Card
 - d) Performance report from authority/officer having rank not below Executive Engineer for Govt./PSUs and General Manager for private firms with specific mention about the project components, scheduled and actual time of completion, final project value etc. to be submitted.
 - e) List of equipments in possession.

Agency)

(Signature of the

LETTER OF TRANSMITTAL
(To be typed on the Agency's Letterhead)

To

**THE REGISTRAR
NATIONAL INSTITUTE OF TECHNOLOGY
ROURKELA - 769008**

Sub: Design, Engineering, Supply, Construction, Erection, Testing & Commissioning of 5.0 MLD Drinking Water Treatment Plant on Turnkey Basis and Operation & Maintenance for One Year.

Sir,

Having examined the details of Notice Inviting Tender document and eligibility criteria, I hereby submit the tender documents and other relevant information.

1. I hereby certify that all the statements made and information supplied in the enclosed forms A to D and accompanying statements are true and correct to the best of my knowledge. I understand that if any information found incorrect, the application is liable to be cancelled.
2. I have furnished all information and details necessary for the tender and have no further pertinent information to supply.
3. I certify that my firm is not **blacklisted/banned** from business by any organization.
4. I hereby accept the rules and procedures of the Institute for selection of Contractor and agree that the Institute has the right to accept or reject any application without assigning a reason thereto.

(Signature of the Agency)

**NATIONAL INSTITUTE OF
TECHNOLOGY, ROURKELA**

1. NAME OF AGENCY/FIRM: - _____
2. ADDRESS: - _____
3. FAX/TELEPHONE NUMBER: - _____
4. DETAILS OF REGISTRATION _____

5. ORGANISATION & SPECIAL QUALIFICATION FOR TECHNICAL PERSONS

6. PAN CARD, VAT CLEARANCE CERTIFICATE

7. VOLUME OF BUSINESS IN LAST THREE FINANCIAL YEARS

2009-10	Rs.	_____	crores
2010-11	Rs.	_____	crores
2011-12	Rs.	_____	crores

8. FIELD OF SPECIALIZATION

9. IMPORTANT JOBS EXECUTED IN GOVT./PSU INCLUDING SPECIFICATIONS, MATERIALS USED ETC.

10. IMPORTANT JOBS IN HAND AND THEIR STATUS

11. ANY OTHER INFORMATION REGARDING TECHNICAL CAPABILITY

(Signature of the Agency)

SIMILAR WORKS (i.e. DRINKING WATER TREATMENT PLANT) COMPLETED AND IN PROGRESS (INCLUDING ALL WORKS AWARDED)

{ADD ADDITIONAL SHEETS, IF NECESSARY}

Sl. No.	Name of Work, Agreement No. & Work Order Authority	Date of start	<u>Date of Completion</u>		Tendered Cost	Complete address of the Authority for whom the Work was done
			<u>Stipulated</u>	<u>Actual</u>		