



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान पुणे

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH (IISER) PUNE
(An Autonomous Institution of the Ministry of HRD, Govt. of India)

SECTION I -NOTICE INVITING TENDER

- 1) The Project Engineer cum Estate Officer invites on behalf of the Director, IISER, Pune, two parts composite tenders from the specialized agencies or who are registered contractors for sewage treatment plants of the appropriate class with CPWD, PWD, MES, Maharashtra Jeevan Pradikaran and are eligible as per the minimum requirements defined in clause 2 & 3 below. The works executed for private body will be considered only if agency produces tax deduction at source certificate.

Name of work: Design, construction, Installation and commissioning of 0.80 MLD STP, IISER, Pune.

NIT NUMBER- 33/ IISER/PUNE/2011-12

Estimated cost put to tender : **Rs 240 lakh (approx.)**

Period of completion: 6 (Six) months

Cost of tender documents: Rs. 1500/- (One thousand five hundred only)-
(Non – refundable)

Bid security/ EMD: Rs **4,80,000/-**

Dates & time of sale of tender 15 -11-2011 to 25-11-2011 up to 4.00 P.M.

Dates & time of pre bid meeting 28-11-2011 at 11 00 AM

Last date & time of submission of tender: up to 3.00 PM on 02-12-2011

Time & date of opening of tender: At 3:30 PM on 02 -12-2011

2. The applicant should be a well established and reputed contractor in the field of designing and construction of Sewage treatments Plant for the given load and specifications etc .The unregistered contractor/ Companies should have at least 5 (Five) years experience in Designing and construction of Sewage Treatment plants. **Joint Ventures are not accepted.**

The contactor should fulfill the following requirements

- a) Should have satisfactorily completed 3 similar works each costing Rs. 1.00 crore or completed two similar works each costing Rs 1.50 crore or completed one similar work costing Rs 2.00 crore, during the last seven years ending 31 Oct, 2011. This should be certified by an officer not below the rank of Executive Engineer in Govt. Department and Superintending Engineer/ Chief Project manager or Equivalent in other organizations.
- b) Should have had average financial turnover of Rs 2.00 crore on STP work during the last three consecutive financial years ending 31st March 2011.
- c) Should not have incurred any loss in more than two year during the last five year ending 31st March 2011.
- d) Should have solvency of Rs 1.00 Crore certified by a Scheduled Bank and obtained not earlier than three months before the date of submission of Bid.

3. CONTRACT ELIGIBILITY CRITERIA

Further, the contract eligibility includes the following:

- 3.1 Experience on similar type of completed works executed during the **last five years**; and details like monetary value, clients proof of satisfactory completion. Similar works means Designing, constructing, installation, testing & commissioning of Sewage treatment plants consisting of RCC/ M.S holding tanks, Mechanical installation, related Electrical and piping works for the successful operation of the sewage treatment plant.
- 3.2 Registration, if any, with Government departments (CPWD, State PWDs, MES, Railways, PSUs etc)/ Organizations, class / type of registration or previous pre-qualification(s) for similar projects.
- 3.3 Documentary evidence of adequate financial standing, Certified by Bankers, Audited Profit & Loss A/c and Balance Sheet, Annual turnover in **last five years**, access to adequate working capital.
- 3.4 Information regarding projects in hand, current orders, regarding litigation, exclusion/expulsion or black listing, if any.
- 3.5 Equipment proposed to be deployed for the project and proof of its availability; equipment proposed to be purchased or leased.
- 3.6 Key personnel available and proposed to be engaged for management and supervision of the Project, their qualifications and experience.

- 3.7 Project planning and quality control procedures to be adopted. Construction methodology & QA manual to be submitted along with the tender.
- 3.9 Bidders not meeting the minimum eligibility criteria shall be summarily Rejected.
- 3.10 Dealers of the reputed companies engaged in the Designing, supplying and Installation of sewage treatment plants having minimum five years experience and all over India network, shall also be eligible for issue of tender forms provided such dealers willing to quote for the complete work i.e. i/c civil electrical and mechanical works failing which the tenders shall be rejected.
- 4 The time allowed for carrying out the work will be **6 (Six) months** including monsoon period from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender
- 5 The bid shall be submitted in the original bid document (as issued by the IISER, Pune) super scribing the name of work as specified below clause 6.

6 **Submission of Bid Documents**

- 6.1 The bid submitted by the Bidder shall comprise the following:
- a) Documents in support of Minimum requirements as per Para 2 & 3
 - b) Bid Security
 - c) Information in Formats, as specified as per Annexure 1.
 - d) Priced Bill of Quantities
- and any other information required to be completed and submitted by Bidders in accordance with these instructions.

The Bidder shall submit the above documents as below,

A) **Part I – Technical Bid**

Envelope 1

- Sections I to V
- Documents in support of Minimum requirements as per Para 3.
- Information as per Annexure 1

Envelope 2

- Bid security,

B) **Part II – Commercial Bid**

Envelope 3

- Priced bill of quantities

All the envelopes should be sealed & super scribed separately with appropriate Envelope number and heading as defined above.

- 7 Director, Indian Institute of Science Education & Research, Pune shall be the "Accepting Authority" hereinafter referred to as such for the purpose of this Contract.
- 8 Bidding documents may be purchased from the office of **The Director, IISER Pune, 900, NCL Innovation Park, Dr. Homi Bhabha Road, Pashan, Pune-411 008** from **-15/11/2011 TO 25/11/2011** between 10.00 Am to 4.00 pm by paying a non-refundable fee of **Rs.1500/-** in the form of pay order or Demand Draft on any Scheduled Commercial bank payable at Pune in favour of The Director, IISER Pune. Interested Bidders may obtain further information at the same address. The bidders who satisfy the eligibility criteria should only buy the tender documents.
- 9 Bids must be accompanied by bid-security (Earnest Money Deposit) amount specified for the work in clause 10 payable at Pune and drawn in favour of The Director; IISER Pune. Bid Security shall have to be valid for 90 days beyond the validity of the bid.
- 10 **Bid Security,**
 - 10.1 The bid shall be accompanied by bid security amount of **Rs 4.80 Lakh** The bid security amount may be paid in any one of the following forms:
 - a) Deposit at call receipt of a Scheduled Bank Guaranteed by RBI, duly pledged in favour of The Director, IISER Pune payable at Pune.
 - b) Demand draft of any Scheduled Bank, drawn in Favour of the The Director, IISER Pune payable at Pune.
 - c) A part of earnest money is acceptable in the form of bank guarantee also.

In such case, 50% of earnest money or Rs. 20 lakh, whichever is less, will have to be deposited in shape prescribed above, and balance in shape of irrevocable Bank Guarantee from a Scheduled Bank and shall be valid 90 days after the validity of the offer (as per standard proforma attached).
 - 10.2 Bid Security of unsuccessful Bidders will be returned to them within 90 days from the date of acceptance of bid of the successful Bidder.
 - 10.3 The Bid Security may be forfeited, if

- a) The Bidder withdraws / modifies his Bid or any item thereof after opening of bid.
- b) The successful Bidder fails within the specified time limit to commence the work.

11 The document in prescribed form duly completed and signed shall be submitted in a sealed cover. The sealed cover Super-scribed "Tender document for the work of " **Design, construction, Installation and commissioning of 0.80 MLD STP, IISER, Pune**". Bids must be dropped in the box at 900, NCL Innovation Park, Dr. Homi Bhabha Road, Pashan, Pune -411 008 **on 02/12/2011 between 10:00 hrs to 15:00 hrs**. Technical Bid will be opened on the same day at 15.30 hours, in the presence of the Bidders who wish to attend. If the office happens to be closed on the date of receipt of the bids as specified, the bids will be received and opened on the next working day at the same time and venue.

12 A pre-bid meeting will be held on **28/11/2011** at 11.00 hours at the office of The Director, IISER Pune, 900, NCL Innovation Park, Dr. Homi Bhabha Road, Pashan, Pune-411 008 to clarify the issues and to answer questions on any matter that may be raised at that stage as stated in Clause 13.

13 **Pre-bid meeting**

13.1 The Bidder or his officially authorized representative is invited to attend a pre-bid meeting, which will take place as referred in clause 12 of NIT. Bidder/ bidder representative who wish to attend Pre-bid meeting should carry a valid identity proof certifying his designation with said firm.

13.2 The purpose of the meeting is to clarify issues and to answer questions on matters that may be raised at that stage.

13.3 The Bidder is requested to submit their questions/ queries/ clarifications in writing or by email/ fax to reach the IISER Pune before the meeting. Bidders can send Pre-bid queries on their letter head referring tender number by Speed post on above said address so as to reach IISER Pune **before 28/11/2011 BEFORE 11 00 Hrs** or on fax No 020-25908187 on e-mail address ysrajput@iiserpune.ac.in.

13.4 Minutes of the meeting, including the text of the questions raised (without identifying the source of enquiry) and the responses given will be transmitted to all purchasers of the bidding documents. Any modification of the bidding documents which may become necessary as a result of the pre-bid meeting shall be made by the IISER, Pune and shall form part of bidding documents.

14 **Cost of Bidding**

14.1 The Bidder shall bear all costs associated with the preparation and submission of his Bid, and the IISER, Pune will in no case be responsible and liable for these costs.

15 Site visit

- 15.1 The Bidder should inform the IISER in advance about the proposed site visit.
- 15.2 The Bidder, at his own responsibility and risk is encouraged to visit, inspect and survey the Site and its surroundings and satisfy himself before submitting his bid as to the form and nature of the Site, the means of access to the Site, the accommodation he may require, etc.
- 15.3 In general, Bidders shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A Bidder shall be deemed to have full knowledge of the Site, whether he inspects it or not and no extra claims due to any misunderstanding or otherwise shall be allowed.
- 15.4 The costs of visiting the Site shall be at the Bidders' own expense. Any report shared at the site, by the IISER is subject to verification by the contractor. Any deviations of information in the report and the actual site will not be the responsibility of the IISER.

16 Content of Bidding Documents

- 16.1 Submission of a bid by a Bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be executed and local conditions and other factors having a bearing on the execution of the works.
- 16.2 The Bidder shall submit the Bid, which satisfies each and every condition laid down in the bid documents, failing which, the bid is liable to be rejected.
- 16.3 The Bid shall contain no alterations or additions or overwriting, except those to comply with instructions issued by the IISER, Pune, or as necessary to correct errors made by the Bidder in which case such corrections shall be initialed by the person or persons signing the bid. Use of correction fluid is not permitted
- 16.4 This Notice Inviting Tender shall form part of the Contract document.
- 16.4.1 The documents listed below comprises one set of bid document that are issued to Bidders:

PART-I

- a) Notice Inviting Tender (Including eligibility criteria)
- b) Tender Form and General Rules and Directions for the Guidance of the Contractor
- c) General Conditions of Contract

- d) Special Conditions of Contract
- e) Safety Code for Contract Work
- f) Technical Specifications
- g) Schedule of Drawings and List of Specifications
- h) Tender Drawings

PART-II**Schedule of Quantities and Rates****17 Amendment of Bid Documents**

17.1 Before the deadline for submission of bids, the IISER Pune may modify the bidding documents by issuing addenda.

17.2 Any addendum so issued shall be part of the bid documents as well as Contract document and shall be communicated in writing or by email / fax to all the purchasers of the bidding documents. Prospective Bidders shall acknowledge receipt of each addendum by email / fax to the IISER, Pune. Original addendum issued by IISER, Pune duly signed should be submitted along with tender documents.

18 Bid Validity

18.1 The bids submitted shall remain valid for acceptance for a period of 90 days from the date of opening of the bid. If any bidder withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the IISER, Pune, then the IISER, Pune shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidder shall not be allowed to participate in the re-tendering process of the work.

19 Bid Opening**PART I**

19.1 On the due date and appointed time as specified in clause 11. IISER, Pune will first open Part I of all bids received, including amendment as per clause 17 if applicable in the presence of the Bidders or their representatives who choose to attend. In the event of the specified date for Bid opening being declared a holiday by the IISER, Pune, and the Bids will be opened at the appointed time and location on the next working day.

19.2 If all Bidders have submitted unconditional Bids together with requisite Bid security, then all Bidders will be so informed then and there. If any Bid does

not contain Bid security in the manner prescribed in the Bid documents, then that Bid will be rejected and the Bidder informed accordingly. The sealed envelope containing priced BOQ will be returned to him without opening. All other valid Bids shall be considered for evaluation.

- 19.3 It is required that along with the tender the tenderer will submit a list of their sub-vendors for specialists' trades like Electrical, Mechanical and other system etc., conforming to the criteria set out in the tender document under clause Information and Instruction to bidders. If, however, the sub-vendors so selected by the Contractor are subsequently found not to meet the criteria IISER and Consultant reserve the right to reject this selection and nominate a panel of sub-Vendors from among whom the Contractor should select an agency and get the work executed from this agency only

20 Evaluation criteria

- 20.1** The bidder qualifying initial criteria as set out in Para 2 & 3 and the details furnished by bidders in the Proforma enclosed as Annexure-1 of Section II will be evaluated.

Proformas listed are elaborated below,

- a) Initial bidding capacity Proforma "A"
 - b) Financial Information Proforma "B"
 - a) Solvency certificates from a scheduled bank - Form I
 - b) Details of all works of similar nature completed during the last 7 years ending last day of the 31st Oct, 2011 Proforma "C"
 - c) Project under execution or Awarded Proforma "C1"
 - d) Performance report of works referred to in Proforma 'C' & "B" – Form II
 - g) Organization structure Personnel & Establishment Proforma "D"
 - h) Details of technical & administrative personnel to be employed for the Work, Proforma "D1"
 - j) Details of construction plant & equipment likely to be used in carrying out the work Proforma "E"
- Details of any other plant & equipment required for the work (not included in Proforma 'E') and available with the applicant may also be indicated.
- k) ISO certification on works if any Form III

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- l) Confidential report to be obtained by the IISER from the client on the work executed by the contractor during last five year certification if any if required
 - m) The bidders qualifying the initial criteria as set out in clause no 2 & 3 will be evaluated based on the information submitted by bidders as per clause no 20.1 after due verification and selection will be made by IISER, PUNE on the basis of the strength of individual applicants. Main consideration will be the ability of the Principal Contractor to fulfill technical, financial, contractual and legal obligations. Special emphasis will be laid on competence to do good quality works within specified time schedule and in close co-ordination with other agencies over and above the rate structure of the items.
 - n) Even though any bidder may satisfy the above requirement, he would be liable to disqualification if he has
 - i) Made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures as required in the eligibility criteria documents.
 - ii) Records of poor performance such abandoning work, not properly completing the contract, or financial failure/weakness etc.

PART II

21 Opening of Price bid

- 21.1 After technical evaluation of (part I) bids as per clause 2 & 3 only technically qualified bidders will be informed about the date & venue of opening of priced bid. Priced bid will be opened in the presence of representatives of intending bidders on the same date.

22. Clarification of Bids

- 22.1 To assist in the examination and comparison of Bids, the IISER, Pune may, at its discretion, ask any Bidder for clarification of his Bid, including breakdown of unit rates. The request for clarification and the response shall be in writing or by email / fax, but no change in the price or substance of the Bid shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the IISER, Pune in the evaluation of the bids
- 22.2 No, Bidder shall contact the IISER, Pune on any matter relating to his bid from the time of the bid opening to the time the contract is awarded.
- 22.3 Any effort by the Bidder to influence the IISER's bid evaluation, bid comparison or contract award decisions, may result in the rejection of his bid.

- 23. Indian Institute of Science Education and Research Pune, does not bind itself to accept the lowest or any other bid, and reserves the right to reject any or all of the tenders received without assigning any reasons. Bids in which any of the

prescribed conditions are not fulfilled or any conditions including that of the conditional rebate put forth by the bidder shall be summarily rejected.

24 If the Bid of the successful Bidder is seriously unbalanced in relation to the Engineer-in-charge or his representative's estimate of the cost of work to be executed under the contract, the IISER, Pune may require the Bidder to produce detailed rate analyses for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those rates with the implementation / construction methods and schedule proposed.

25 **Award Criteria**

25.1. The IISER, Pune shall award the Contract to the Bidder whose evaluated offer / bid has been determined to be the technically suitable and financially lowest and is substantially responsive to the Bidding Document, provided further that the Bidder is determined to be qualified to execute the Contract satisfactorily. The Board of Governors of IISER reserves the right to accept or reject any application and to annul the pre-qualification process and reject all applications at any time, without thereby incurring any liability to the affected applicants or specifying the grounds for the Employer's action

26 The contractor whose tender is accepted will be required to furnish Performance guarantee of 5% (Five Percent) of the tendered amount within the period specified in Schedule C. This guarantee shall be in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F'. including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor and without prejudice to any other right or remedy.

28 *Disclosures*

Any change in the constitution of the contractor's firm, where it is a partnership firm, as declared in the prequalification documents submitted by the bidders at the time of submission of pre qualification documents, should be disclosed to the IISER, Pune, at any time between the submission of bids and the signing of the contract.

Project Engineer cum Estate Officer

For & on behalf of the Director, IISER, Pune.