



राष्ट्रीय प्रौद्योगिकी संस्थान
NATIONAL INSTITUTE OF TECHNOLOGY
राउरकेला ROURKELA – 769008, उड़ीसा ODISHA.
संपदा प्रबंधन. ESTATE MANAGEMENT



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

**INVITATION FOR EXPRESSION OF INTEREST
(EOI)
FOR**

“Reputed professional EPC agencies/contractors having valid registration with CPWD / PSUs / Autonomous Institutions/State PWD having sound financial status, machinery, resources and experience in execution of similar works i.e. for carrying out work of HVAC(High-End-Equipment) system in GJB. M.Sc. and LC-II buildings. The work includes S/I/T/C of new chiller plant comprises of plant room, chillers with mentioned capacities, accessories such as pumps, cooling towers, electrical control panels, Substations and construction of plant room etc. in National Institute of Technology, Rourkela-769008”

Last Date of Submission of EOI: 24/02/2020 by 03:00 PM



EOI No.: NITR/PW/EOI/2020/01

Dated: 01/02/2020

INVITATION FOR EXPRESSION OF INTEREST (EOI)

1. The National Institute of Technology, Rourkela is an Institute of National Importance under Ministry of Human Resource Development, Govt. of India proposes to engage a reputed professional **Engineering, Procurement & Construction** (EPC) agency for carrying out SITC of HVAC high end equipment and construction of plant room and substation for power requirement for three newly constructed building which are already equipped with low end equipment like AHUs/FCUs. The individual Tonnage capacity of these three buildings are 1200TR, 700 TR and 500 TR respectively. The proposed system including new chiller plant with(High end equipment) like Chillers, Pumps, Electrical controls, Electrical Substations and construction of plant room etc. required to attain the required standard parameters (Minimum 15 Air changes per hour with 100% fresh air, Temp. 23°C ± 2°C, Humidity 60rh ± 5rh, Noise level 50db) in GJB, Mech.SC and LC-II as per the standard norms. It may be noted that this is an invitation for EOI and should not be construed as the Tender/ Request for Proposal (RFP) in any form and would not be binding on the institute in any manner whatsoever.
2. Sealed Expression of Interest prepared in accordance with the procedure enumerated in this document should be submitted to The Registrar, NIT Rourkela,769008.

The EOI must be submitted to The Registrar, NIT Rourkela-769008 by 24/02/2020 by 03:00 PM. The Pre-Bid Meeting will be scheduled on 10/02/2020 at 03:00 PM. The EOI should be valid for 180 days from the date of opening.

The EPC firm/ agency/ contractor who are submitting the EOI are requested to visit the institute and examine the whole systems and satisfy themselves before submitting their offer and to apprise themselves about the conditions of equipment as well as minor items.



3. **THE APPLICATION SHOULD BE ACCOMPANIED WITH THE FOLLOWING INFORMATION: -**

1. A capability statement (Not more than two pages).
2. A write up on the understanding of the assignment with respect to HVAC system to the above buildings in NIT Rourkela
3. Company/ Organization profile giving details of current activities.
4. Evidence of incorporation, if a legal entity.
5. Annual financial statement including balance sheet and profit and loss account statement for the past three years.

4.. **INTRODUCTION: -**

NIT Rourkela is one of the premier national level institutions for technical education in the country and is funded by the Government of India. Government of India has elevated the Regional Engineering College, Rourkela to a deemed university under the name of National Institute of Technology, Rourkela.

The main objective of the Institute is to produce quality Engineers and Scientists in Graduate and Post-Graduate levels in various branches of Engineering and Science. The Institute is managed by the Board of Governors of National Institute of Technology (Rourkela) Society and vested with significant degree of administrative and financial autonomy. Government of India have recognized the Institute as a premier institution of repute and have developed it as a center of excellence under plan funding.

The campus of the Institute consisting of the Institute buildings, halls of residence and staff colony is situated at the eastern end of Rourkela steel city, beyond Sector-1 over an area of 262 hectares of land provided by the Government of Odisha. It is a residential campus offering accommodation to faculty, staff and students. The campus has all the amenities for developing personal, social and academic skills of the student community.



The city of Rourkela came into prominence in the year 1954-55, with the decision of the Government of India to set up the first Public Sector Steel Plant in this locality in collaboration with the then West Germany. The city is a huge metropolis connected with all parts of the country by railway and road. The population of the city is about 6 lakhs.

5. SCOPE OF WORK: -

The Firm /Agency/ Contractor is requested to submit their proposal for the followings:

- a). Assessment of Existing HVAC(Low end) system
- b). Review of Existing Capacities.
- c). Suggestion for enhancement / Reduction in existing capacities.
- d). Provision for stand by capacity requirements.
- e). Budgetary estimates with supporting technical details of equipment's proposed with a presentation.
- f). If selected, the agency job includes to execute the work as per proposed/final design, installation of items and certification & validation of all parameters required in above buildings till completion of work as per tender bid condition.

6. THE FOLLOWING INFORMATION / DOCUMENTS WILL BE GIVEN BY THE NIT-ROURKELA:

- a). Floor wise drawings showing the installed Low end equipment and ducting.
- b). Existing chiller and ductable units details.

7. EXPECTATIONS FROM THE EPC AGENCY: -

The EPC agency is expected to take the entire responsibility of Execution/modification of HVAC system like installation of chillers, pumps, electrical control units, cooling towers, construction of Substation and plant room and connection to the existing low end equipment in the above said three buildings.



8. PRE-QUALIFICATION OF THE AGENCY: -

Such agencies submitting the offers will be short listed either singly or in a consortium, who are capable of rendering high degree of professional services in the field of execution of work mentioned above and such short listed agencies may be invited later to submit their proposals. Among other things the agency must broadly fulfill the following criteria:-

- a) Should be a reputed and established EPC company/ organization.
- b) Should have been in the existence for a minimum period of five years in the similar work of HVAC system in large multi stored educational building/ Commercial Buildings. However, relaxation may be considered in case the firm/consultant is otherwise well qualified.
- c) Preference will be given to the agencies who are executing similar type of work or executed similar work / capacity.
- d) Should have good understanding of execution of work.
- e) Should have turn over ₹ 30 Crores during last three financial year.

9. TENDER METHODOLOGY: -

After shortlisting of candidates through EOI, tendering process will comprise inviting techno-commercial & price bids through E-procurement website. The evaluation procedure for the tender would follow the quality cum cost based system. The cost associated with the preparation and submission of the response to the EOI and tender shall be borne by the bidder.

10. TERMS OF CONDITIONS:

Terms of reference for the proposal for techno-commercial offer are as follows: -

1. Only short listed agencies will be issued techno-commercial documents, wherein technical and financial offers are to be submitted separately.
2. Director, NIT Rourkela reserves the right to cancel/withdraw, if necessity so arises, or to seek further information/ details.
3. Firms/Organisation if found to have indulged in any corrupt fraudulent practices will be out rightly rejected.



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11. NAME OF THE CONTACT PERSON FOR ANY CLARIFICATIONS: -

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Sd/-
REGISTRAR,
NIT ROURKELA-769008