



INDIAN INSTITUTE OF TECHNOLOGY MADRAS

CHENNAI – 600 036

EOI NO: MEE/Turbomachinery Prototype/3-2019

Dated: 19.07.2019

Invitation for Expression of Interest (EOI)
For Selection of Turbomachinery Prototype
For the
Dept. of Mechanical Engineering - IIT Madras
(Due on 1st August, 2019)

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1. Introduction:

The Indian Institute of Technology Madras (IITM) Chennai is a central autonomous organization functioning within the Institute of Technology Act. All the IITs are under the control of the Ministry of Human Resource and Development, govt. of India. IIT Madras, Chennai-36 is an Institute of National Importance.

2. Objectives for the EOI:

To obtain manufacturing quotes for Turbomachinery components and assembly being designed through IIT Madras collaboration project.

3. ELIGIBILITY CRITERIA:

Participating Manufacturing Company with some or most of the following prior experience will be considered eligible.

1. Manufacturing of Turbomachinery components like titanium rotors
2. Manufacturing of gear and ANSI B92.1 spline components
3. Manufacturing of Aluminum/Titanium/Steel housings through Casting/Additive
4. Balancing and assembly of turbomachinery products.

4. BROAD SCOPE OF WORK:

1. Procure material and manufacture parts as per drawings and solid models provided by collaboration Industry partner and IIT Madras project team.
2. Certifications for material and manufacturing.
3. Heat treatment and other special processes as mentioned on the drawing notes with quality check
4. Part inspection reports shall be submitted
5. Procure standard hardware as required
6. Component and sub-assembly level balancing of the rotating components
7. Assembly process to create required interference fits and bolt preloads.
8. Testing of sub-assemblies and full assembly

5. SHORTLISTING CRITERIA:

Shortlisting of parties/firms/ organizations shall strictly be based on proper submission of the following documents:

1. The Expression of Interest (EOI) should clearly indicate the expertise of the party/ firm in the Design, Detailed Engineering, and Supply, Installation, Testing and commissioning of manufacturing of turbomachinery prototype.
2. Shortlisted manufacturing companies will be expected to enter into a tri-party Non-disclosure Agreement (NDA) with IIT Madras and its Collaboration Project Industry Partner. On execution of an NDA, shortlisted manufacturing companies will be provided with the prototype design information and are expected to respond with technical and commercial response to the request for quotations.

6. Schedules and Important Information:

Sr. No	Activities	Details
1	The address to which the hard copy of the EOI should be submitted:	The Senior Manager, Project Purchase, 2 nd Floor, IC&SR Building, IIT Madras Chennai 600 036
2	Date of issue of the Expression of Interest (EOI) document	19.07.2019
3	Last date and time for receipt of EOI	01.08.2019, 5:30 PM
4.	Shortlisting of EOI by IC&SR and intimating to vendors by email	05.08.2019

FORM - A
EOI Letter Proforma

To
The Senior Manager,
Project Purchase - IC&SR
IIT Madras
Chennai – 600 063

Sub: Expression of Interest for manufacturing of turbomachinery prototype, IIT Madras.

Sir,

The undersigned having read and examined in detail all the EOI documents pertaining to your assignment; do hereby express the interest to do the work as specified in the scope of work.

Sr#	Description	Response
1.	Name of the Consultancy Organization	
2.	Address	
3.	Name, designation & address of the person to whom all references shall be made	
4.	Telephone (with STD code)	
5.	Mobile No. of the contact person	
6.	E-mail of the contact person	
7.	Fax No. (with STD code)	

We have enclosed the following documents:

1. Letter of Authorization.
2. Form-A should be submitted on the company's letter head duly seal and signed by the authorized person.
3. Response to Pre-qualification eligibility criteria of Section 3 with supporting documents.
4. Portfolios from work done previously
5. Proposed team size and profiles
6. Proposed mode of work and methods to be used
7. Details of experience in Academic Institution / Govt. Sector in Form-B along with the scope of the work carried
8. Self-Attested copies of Supporting Documents.

I/ We hereby declare that my/ our EOI is made in good faith and the information contained is true and correct to the best of my/ our knowledge and belief.

Thanking you,

Yours faithfully,

(Signature of the Applicant)

Name:

Designation:

Seal:

Date: _____ Place _____

Witness by - Signature:

Name :

Address:

Date : _____

FORM-B**DETAILS OF EXPERIENCE IN ACADEMIC INSTITUTION / GOVERNMENT SECTOR /**

- 1. Customer References related to Academic Institution / Govt. Sector that the applicant has been engaged during the last Five years:**

S.No.	Name & Address of The client	Date of start Of the work	Date of Completion	Website Address	Value of the Project
1.					
2.					
3.					
4.					
5.					

Note:

Please note that the copies of above mentioned requirement should be furnished with relevant work orders and completion certificate from the customer end.