Indian Institute of Technology Jodhpur
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INDIAN INSTITUTE OF TECHNOLOGY JODHPUR

Request For Technical Information and Pro Forma Quotations

For Procurement of Modular Data Acquisition (DAQ) System

1. Introduction

The Indian Institute of Technology Jodhpur (IIT Jodhpur) intends to procure **Modular Data Acquisition (DAQ) System** for academic and research purposes.

Before initiating the formal procurement process, the Institute invites **Technical Information and Indicative Pro Forma Quotations** from eligible Original Equipment Manufacturers (OEMs) or their authorized representatives.

2. Purpose

The objectives are to:

- Obtain technical information from prospective OEMs/authorized representatives.
- Obtain indicative Pro forma quotations for estimating the procurement cost.

3. Disclaimer

This document is issued **only for obtaining technical information and indicative Pro Forma quotations.**

Submission of information under this proposal:

- shall **not** be treated as a financial bid;
- shall **not** constitute any commitment on the part of IIT Jodhpur to procure the equipment;
- shall **not** confer any right upon the participating firm for award of any future contract;
- shall **not** automatically qualify the responding firm for participation in any future tender.

The Institute reserves the right to modify the technical specifications, estimated cost, procurement methodology, or procurement timeline based on its requirements.

4. Equipment Details

- Name of Equipment: **Modular Data Acquisition (DAQ) System**
- Broad Functional Requirements:
  The system shall provide a unified platform for simultaneous acquisition of electrical, mechanical, thermal, dynamic/vibration, and optical fiber-based

measurements from a wide range of sensors. The system shall support laboratory measurements and be readily expandable to accommodate future research requirements without the need to replace the existing hardware, and software. The system is expected to support applications including strain, stress, force, torque, displacement, pressure, vibration, and modal analysis; structural health monitoring; fatigue and durability testing; impact and transient event measurements; material characterization; thermal measurements; flow instrumentation; process monitoring; and optical fiber-based sensing. Along with the hardware system, a dedicated software with perpetual license shall be provided to support configuration, acquisition, visualization, storage, processing, and analysis of measurement data of all supplied measurement modules through a unified software interface and shall support scientific and engineering software - specifically ASCII, Microsoft Excel, RPC III, MATLAB, nCode, MDF 4.0, and DIAdem, with complete metadata.

- List of Deliverables:

S.No	Items	Qty
1	8-Channel Universal Measurement Module supporting strain, voltage, current, thermocouples, RTDs, resistance, potentiometers, LVDTs/RVDTs, IEPE/ICP accelerometers, frequency/counter inputs, digital inputs, and CAN communication	1
2	16-Channel Strain Measurement Module supporting quarter-, half-, and full-bridge strain gauges and other bridge-based sensors	1
3	16-Channel Dynamic Signal Measurement Module supporting voltage, current, IEPE/ICP accelerometers, microphones, and other dynamic analog sensors	1
4	Optical Fiber Interrogator with a minimum of 8 optical channels and support for at least 120 sensors (minimum 15 sensors per channel), synchronized with the DAQ platform	1

(The above requirements are indicative and may be revised after evaluation of the responses.)

5. Eligibility Criteria
Interested firms should:

- Be an Original Equipment Manufacturer (OEM) or an authorized distributor/dealer.
- Have experience in supplying similar equipment.
- Have adequate installation and after-sales service support in India.

6. Information/Documents to be Submitted

The interested firms shall submit the following (*Annexure-I*):

1. Company Profile.
2. Details of the OEM.
3. Product Brochure/Catalogue.
4. Detailed Technical Specifications.
5. Compliance with the Broad Functional Requirements.
6. List of previous users/clients with installation reports
7. Details of Warranty.
8. Details of After-Sales Service Support.
9. Authorization Letter from OEM (where applicable).
10. Any additional technical information relevant to the offered equipment.

7. Pro forma Quotation

- Interested firms are requested to submit a Pro forma Quotation (*Annexure-II*) along with their Request For Technical Information and Pro Forma Quotations response. Indicative **Pro Forma** quotation in Indian Rupees (INR), including the cost of the equipment, essential accessories, taxes, duties, freight, insurance, installation, commissioning, training, and any other associated charges. Wherever applicable, the Annual Maintenance Contract (AMC) and/or Comprehensive Maintenance Contract (CMC) charges and spare parts shall be quoted separately as additional charges.
- Expected delivery schedule and other relevant technical and commercial information.

Important Note:

- The **Pro Forma** quotation is required only for cost estimation and budget planning purposes.
- The prices quoted shall be indicative/non-binding.
- The Pro Forma quotation shall not be treated as a financial bid.
- Submission of a **Pro Forma** quotation shall not confer any right or preference in the subsequent procurement process.

8. Presentation/Demonstration

The Institute may invite for a technical presentation or product demonstration. The date and venue shall be communicated separately.

9. Submission :
Interested firms may submit their Proforma Quotations on or before the due date in sealed cover or through email (as applicable).

The envelope/email should be superscribed as:
"Request For Technical Information and Pro forma Quotations for Procurement of Modular Data Acquisition (DAQ) System"

10. Important Dates

Activity	**Date**
Publication	20.07.2026
Last Date for Submission	30.07.2026
Technical Presentation (if required)	To be informed
Clarification Meeting (if required)	To be informed

11. General Terms & Conditions

1. This **Request For Technical Information and Pro forma Quotations** is issued only for obtaining technical information and **Pro Forma** estimates.
2. The Institute reserves the right to accept or reject any or all responses without assigning any reason.
3. Submission of an **Request For Technical Information and Pro forma Quotations** does not create any contractual obligation.
4. The Institute may seek additional information, technical clarifications, demonstrations, or presentations from any participant.
5. The Institute may modify the technical requirements based on the responses received.
6. The final technical specifications may be prepared by the User Committee after evaluating all **Request For Technical Information and Pro forma Quotations** responses.
7. The subsequent procurement, if any, shall be carried out through an appropriate procurement method in accordance with the GFR 2017 and applicable procurement rules.
8. Participation in this **Request For Technical Information and Pro forma Quotations** does not automatically entitle any firm to participate in or receive any preference during the subsequent tender process.

12. Contact Details

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Annexure-I

Request For Technical Information and Pro forma Quotations Response Format

1. Name of the Firm:
2. Registered Address:
3. Name of OEM (if applicable):
4. Contact Person:
5. Email:
6. Phone:
7. Product Name and Model:
8. Brief Technical Description:
9. Compliance with Broad Functional Requirements:
10. List of previous users/clients with installation reports:
11. After-Sales Service Details:
12. Any Additional Features:
13. Remarks (if any).

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Annexure-II

Format for Pro forma Quotation

Sl. No.	Description	Amount (INR)
1	Indicative **Pro forma** quotation in Indian Rupees (INR), including the cost of the equipment, essential accessories, taxes, duties, freight, insurance, installation, commissioning, training, and any other associated charges.	

Warranty Period: _____

AMC/CMC Charges (after warranty): _____

Delivery Period: _____

Authorized Signatory
Name: _____

Designation: _____

Company Seal & Signature