
	सामग्री प्रबंधन अनुभाग भारतीय प्रौद्योगिकी संस्थान, रूड़की रूड़की-247667, हरिद्वार, उत्तराखण्ड, भारत Phone-(O) 01332-28-4293, 4693 E-mail: mmiitr@iitr.ac.in	Material Management Section Indian Institute of Technology Roorkee Roorkee-247667(Haridwar) (Uttarakhand) (India) Phone-(O) 01332-28-4293, 4693	
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	PAN-AAALI0033R		

REQUEST FOR QUOTATIONS
Procurement of Goods under RFQ/Shopping Procedures
E-Procurement Notice
(Two-Envelope with e-Procurement Bidding Process)

No. 2026270059/MM-13/IITR/2026-27/Strong Motion Accelerogra/ES/68

29-May-2026

Purchaser: IIT Roorkee

Contract title: Purchase of Strong Motion Accelerographs

Activity Reference No. Miscellaneous

Applicable Procurement Procurement Manual for Project ID No. P170873

Regulations Date: October 2020

Critical Date Sheet

1	Published Date	29-May-2026	(18:00)
2	Bid Document Download / Sale Start Date	29-May-2026	(18:30)
3	Pre Bid Meeting Date	Not Required	Not Required
4	Bid Submission Start Date	2-Jun-2026	(15:00)
5	Bid Submission End Date	12-Jun-2026	(15:00)
6	Bid Opening Date	12-Jun-2026	(15:30)

1 The Government of India has received financing from the World Bank in various currencies towards the cost of the International Centre of Excellence for Dams Project and intends to apply part of the proceeds towards eligible payments under the contract for which this request for quotations is issued. The Indian Institute of Technology Roorkee invites quotations electronically from eligible bidders for the following goods.

Sl. No.	Brief Description of the Goods	Specifications*	Unit & Quantity	Delivery Period	Place of Delivery	Installation Requirement if any
1	Purchase of Strong Motion Accelerographs	Please Refer Appendix-A	4 Nos.		International Centre of Excellence for Dams, IIT Roorkee	-

[* Where ISI certification marked goods are available in market, purchaser should generally limit the procurement to goods with those or equivalent marking only.]

2 The Bidders may submit Quotations for all items.

3 This e-Procurement notice includes the terms and conditions applicable to submission of quotations; criteria for qualification, evaluation, and for award of supply order(s); and relevant forms to be filled by the bidders. Implementing Agency has not issued a separate RFQ document for this purchase. The e-Procurement notice including the terms and conditions etc. can be downloaded free of cost by logging on to the website: <https://eprocure.gov.in/eprocure/app>. The bidders would be required to register in the website which is free of cost.

4 For submission of Quotation, the Bidder is required to have Digital Signature Certificate (DSC) from one of the Certifying Authorities authorized by Government of India for issuing DSC. Bidders can see the list of licensed CA's from the link (www.cca.gov.in). Bidders who have not obtained the user ID and password for participating in e-procurement in this Project, may obtain the same from the website: <https://eprocure.gov.in/eprocure/app>.

- 5 Quotations, both Technical Part and Financial Part shall be submitted on <https://eprocure.gov.in/eprocure/app> as per critical date sheet. Any quotation or modifications to quotation received outside e-procurement system will not be considered. The electronic bidding system would not allow late submission of quotations. The 'Technical Part' of the Quotations will be opened online as per critical date sheet, this can also be viewed by the bidders online. The electronic summary of quotation opening of technical part will be generated and uploaded online.
- 6 If the Purchaser's office happens to be closed on the date of opening of the Quotations as specified, the 'Technical Part' of the Quotations will be opened on the next working day at the same time. The Financial Parts of the Quotations shall remain unopened in the e-procurement system, until the subsequent online opening, following the evaluation of the Technical Parts of the Quotations.
- 7 Other details can be seen in the RFQ document. The Purchaser shall not be held liable for any delays due to system failure beyond its control. A Bidder requiring any clarification of the RFQ Document may notify the Purchaser online or may visit the office of the Purchaser at the address given below.

For RFQ Document Clarification:

Deputy Registrar

Material Management Section,
Indian Institute of Technology Roorkee.
Roorkee-247667(Haridwar),(Uttarakhand) (India)
Phone-(O) 01332-28-4293, 4693
E-mail: mmiitr@iitr.ac.in

For Technical Specification Clarification:

Prof. Anand Joshi,
International Centre for Excellence of Dams,
Indian Institute of Technology Roorkee
Roorkee-247667(Haridwar),(Uttarakhand) (India)
Ph. No.: 01332-28-5887
Email: joshi.anand@es.iitr.ac.in

RFQ No.: **No. 2026270059/MM-13/IITR/2026-27/Strong Motion Accelerogra/ES/68**

Date: **29-May-2026**

Terms and Conditions:-

1. Eligibility: A Bidder (a) shall not participate in more than one Quotation; (b) shall not have conflict of interest as defined in the Bank's Procurement Regulations; and (c) should not have been (i) temporarily suspended or debarred by the World Bank Group in compliance with the Bank's Anti-Corruption Guidelines and its Sanctions Framework

2. Clarifications & Amendments: If the Purchaser receives any request for clarification of this RFQ Document, it will upload its response together with any amendment to this document, on the e-procurement portal for information of all Bidders. Bidders should check on the e-procurement system, for any amendments to the terms and conditions.

3. Documents: The Quotation shall comprise two Parts, namely the Technical Part and the Financial Part. Both Parts shall be submitted simultaneously.

4. The Technical Part of Quotation shall comprise the following:

- a. Letter of Quotation – Technical Part
- b. Delivery Period Offered: List of Goods & Related Services indicating Bidder's offered delivery period in the prescribed Form.
- c. Technical Specifications: confirmation that the offered Goods and Related Services conform to the required specifications.
- d. Evidence in accordance with Clause 8 establishing Bidder's qualifications to perform the contract, if its quotation is accepted.
- e. Performance Statement of supplies of similar goods made during the last 3 years, in the prescribed Format.
- f. Complete address and contact details of the Bidder having the following information:
 - Name of Firm
 - Address for communication
 - Telephone No(s): Office
 - Mobile No.
 - Facsimile (FAX) No.
 - Electronic Mail Identification (E-mail ID)
 - GSTIN:
- g. The Technical Part of Quotation shall not include any financial information related to the Quotation price. Where material financial information related to the Quotation price is contained in the Technical Part of Quotation, the Quotation shall be declared non-responsive

5. The Financial Part of Quotation shall comprise the following:

- a. Letter of Quotation - Financial Part
- b. Price Schedule (using the Schedule uploaded with the RFQ document) wherein the rates shall be entered online.

6. Quotation Prices

- a. The contract shall be for the full quantity for all items or for full quantity of each item, as specified in the Price Quotation Form. Corrections, if any, can be carried out by editing the information before electronic submission.
- b. All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- c. GST and any other taxes, which will be payable on the goods at the time of invoicing in connection with the sale, shall be shown separately. If these are only stated to be extra, such quotations are liable to be rejected. Wherever these taxes are not shown, these will be assumed to have been included in the quoted price.
- d. The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- e. The Prices shall be quoted in Indian Rupees only.

7. Conformity of Goods: The Bidder shall furnish as part of the Technical Part of Quotation, documentary evidence that the Goods conform to the technical specifications and standards, as relevant for example catalogue, warranty/ guarantee etc. of the manufacturer **with proper certifications like Agency Certification, Authorization certificate and/or Proprietary Certificate, as the case may be , in support of your offer.**

8. Qualification of the Bidder:

- a. Bidder should have supplied goods of similar type (& capacity) up to at least 100% quantity in any one of last 3 years. Details of supplies made during the last 3 years shall be submitted in the specified Proforma. At least 40 % of the quantity in case of equipment offered for supply should have been in successful operation for at least one year as on date of quotation opening.
- b. Supplies for any particular item in each quotation should be from one manufacturer only. Quotations offering supplies from different manufacturers for the same item in the quotation will be treated as non-responsive.

9. Validity of Quotation

Quotation shall remain valid for a period not less than 45 days after the deadline date specified for submission.

10. Signing of Quotations

The name and position held by each person signing the quotation and related documents must be typed or printed below the signature.

11. Quotation Submission:

The Letter of Quotation – Technical Part, and Letter of Quotation – Financial Part shall be filled, signed and scanned copies shall be uploaded along with the Price Schedules that shall be furnished using the forms available online without any alterations. All blank spaces shall be filled in with the information requested. Scanned copies of all other documents shall also be uploaded on this website.

12. Online Opening and Evaluation of Technical Parts of Quotations:

The 'Technical Part' of the Quotations will be opened online on the specified date and time. This can also be viewed by the bidders online, and electronic summary of quotation opening of technical part will be generated and uploaded online. The Financial Parts of the Quotations shall remain unopened in the e-procurement system, until the subsequent online opening, following the evaluation of the Technical Parts of the Quotations.

- a. The Purchaser shall examine the technical part of the quotation to determine whether the quotation
 - (a) has been properly signed (Clause 10);
 - b) meets the eligibility criteria (Clause 1);
 - (c) conforms to all terms, conditions, technical specifications, warranty/guarantee etc.; and
 - (d) the bidder has accepted the delivery schedule (Purchaser's Requirement Form 1).
- b. Only Quotations that are both substantially responsive to the RFQ document, and meet all Qualification Criteria shall qualify for opening of the Financial Parts of their Quotations at the second online opening.
- c. Purchaser shall notify in writing those Bidders who have failed to meet the Qualification Criteria or whose Quotations were considered non-responsive to the requirements in the RFQ document, advising them that their Technical Part of Quotation failed to meet the requirements of the RFQ document; and that their Financial Part of the Quotation shall not be opened.
- d. Simultaneously Purchaser shall notify in writing those Bidders whose Technical Parts of Quotations have been evaluated as substantially responsive and meeting the Qualification Criteria that their Quotation has been evaluated as substantially responsive to the RFQ document and that their Financial Part of Quotation will be opened online on eprocurement system.

13. Online Opening and Evaluation of Financial Parts of Quotations:

The 'Financial Part' of the Quotations will be opened online on the specified date and time. This can also be viewed by the bidders online, and electronic summary of quotation opening of financial part will be generated and uploaded online.

- a. The Purchaser shall examine and confirm that Letter of Quotation – Financial Part and Price Schedules are in accordance with the requirements specified in the RFQ document. If any of these documents or information is missing, the offer shall be rejected.
- b. The Quotations would be evaluated for all the items together.
- c. The evaluation shall be based on the total price of Goods and Related services at project site including GST and any other taxes, which will be payable on the finished goods at the time of invoicing.

14. Award of contract:

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

- a. Notwithstanding the above, the purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
- b. The bidder whose quotation is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the supply order (sample form attached).
- c. 100% Payment shall be made immediately after delivery and installation of the goods duly certified by the HOD/P.I. Payment of GST and other taxes payable for the goods at the time of invoicing, although already included in the total cost, will be at actuals or the rate/amount of these taxes specified in the supply order, whichever is lower.
- d. Please refer Appendix-A.

Quotation Forms

Letter of Quotation–Technical Part

The Bidder must prepare the Letter of Quotation on stationery with its letterhead clearly showing the Bidder's complete name and address. The italicized text is for Bidder's guidance in preparing these forms and shall be deleted from the final products.

RFQ No.: No. 2026270059/MM-13/IITR/2026-27/Strong Motion Accelerogra/ES/68

Our Reference: No. **Dated.**

To:
(Purchaser's name and address)

Subject: Supply of.....

Sir,

1. We, the undersigned, hereby submit our Quotation in two parts, namely:

- (a) Technical Part; and
- (b) Financial Part

2. In submitting our Quotation, we make the following declarations:

- (a). No reservations:** We have examined and have no reservations to the RFQ Document.
- (b). Conformity:** We offer to supply in conformity with the RFQ Document and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services [insert a brief description of the Goods and Related Services].
- (c). Quotation Validity Period:** Our Quotation shall be valid for the period of 30 days, from the deadline fixed for the Quotation submission.
- (d). Eligibility:** We meet the eligibility requirements and have no conflict of interest, we are not participating in more than one quotation in this bidding process, and we have not been temporarily suspended or debarred by the World Bank.
- (e). Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any type of corrupt, fraudulent, collusive, coercive, or obstructive practices.

Yours faithfully,

Authorized Signature

Name & Title of Signatory

In the capacity of [insert legal capacity of person signing the Letter of Quotation]

Name of Bidder

Address

Date

Letter of Quotation–Financial Part

The Bidder must prepare the Letter of Quotation on stationery with its letterhead clearly showing the Bidder's complete name and address. The italicized text is for Bidder's guidance in preparing these forms and shall be deleted from the final products.

RFQ No.: No. 2026270059/MM-13/IITR/2026-27/Strong Motion Accelerogra/ES/68

Our Reference: No. **Dated.**

To:
(Purchaser's name and address)

Subject: Supply of.....

Sir,

1. We, the undersigned, hereby submit the second part of our Quotation, the Financial Part. In submitting our Financial Part we make the following additional declarations:

- a. Our Quotation shall be valid for the period of 45 days from the deadline fixed for the Quotation submission.
- b. The total price of our Quotation, including any unconditional discounts offered is:

Total price of the Quotation **is as quoted in BoQ. Xls format uploaded on the eprocurement system.**

c. **NA**

Yours faithfully,

Authorized Signature

Name & Title of Signatory

In the capacity of [insert legal capacity of person signing the Letter of Quotation]

Name of Bidder:

Address:.....

Date

FORMAT OF QUOTATION : Please refer BOQ in .xls format.

Note:- Evaluation shall be done for all items together.

* Payment of GST and other taxes payable for the goods at the time of invoicing, although already included in the total cost, will be at actuals or the rate/amount of these taxes specified in the supply order, whichever is lower.

We agree to supply the above goods in accordance with the technical specifications for a total contract price (including all taxes and duties) as quoted in BOQ in .xls within the period specified in the Request for Quotations.

We also confirm that the normal commercial warranty/guarantee of 24 months shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf has engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices (as defined in the prevailing World Bank's sanctions procedures) in competing for or in performing the Contract.

Signature of Bidder

PROFORMA FOR PERFORMANCE STATEMENT*

Proforma for Performance Statement (for a period of last 3 years)

Ref. No.

Date of opening :

Time:

Name of the Bidder:

Order placed by (full address of Purchaser)	Order No. and date	Description and quantity of ordered Goods/ equipment	Value of order	Date of completion of delivery		In case of Equipment, state if the equipment been satisfactorily functioning? (Attach a certificate from the Purchaser/Consignee)
				As per Contract 5	Actual 6	
1	2	3	4			7

Signature and seal of the Bidder

Purchaser's Requirement

1. LIST OF GOODS & RELATED SERVICES AND DELIVERY PERIOD

Line Item No.	Description of Goods and Related Services	Quantity	Physical unit	Final Destination (Project site)	Desired Delivery Period for completion of supply from the date of the Contract	Bidder's offered Delivery Period [to be provided by the Bidder]
1	2	3	4	5	6	7
1	Purchase of Strong Motion Accelerographs	Please Refer Appendix-A	4 Nos.	International Centre of Excellence for Dams, IIT Roorkee	02 Months	

Note:

1. All details should be filled in by Purchaser except for Colum 7.
2. Delivery Period offered by the Bidder should be filled in Column 7 by the Bidder.

2. TECHNICAL SPECIFICATIONS

Please refer attached Appendix-A for (Technical Specification of Mentioned Item)

Technical Specifications of Strong Motion Accelerographs

A. Accelerometer (Built-In Accelerometer)

Sl. No.	Feature	Specification
1)	SMA	Tri-axial, MEMS based orthogonal oriented accelerometer (transducer - two horizontal and one vertical) housed in a sealed enclosure with data acquisition and telemetry.
2)	Frequency response	Flat response (within +/-3dB) to ground acceleration, in the range of DC to at least 50Hz.
3)	Dynamic range of Accelerometer	>=100dB @ 100sps
4)	Sampling rate	Minimum 100 SPS per channel ranging up to 1000 SPS
5)	System response	±3dB flat from DC to 80% of Nyquist frequency
6)	Full scale Range	+1 g, +2 g, +4 g configurable
7)	Damping	0.7 of critical
8)	Clip level	Greater than the full-scale range
9)	Linearity	Less than 1% of full scale
10)	Operating temperature	-20° to 60°C
11)	Humidity	Humidity Up to 100% RH non condensing
12)	Noise level	Noise level of the unit should be less than 0.01% of the full-scale Level in the frequency range from DC to 50Hz
13)	Frequency response curve and system information	Frequency response curve of the accelerograph unit along with information regarding transfer function including poles.
14)	Timing System	a) External GPS receiver-based timing system or NTP Sync. b) Timing accuracy of 0.01 sec when GPS/NTP is locked.
15)	Recording mode	a) Both continuous and triggered recording mode. b) Triggering: should be capable of recording the acceleration data in the STA/LTA ratio trigger, threshold trigger and time window. c) Threshold Trigger: User selectable from 0.01% to 100% of the full scale
16)	Data storage	a) External/Internal User accessible 64GB or more.
17)	Firmware should support	a) Web browsing support/communication over TCP/IP protocol. b) Full Duplex communication between field station and Central Receiving Station (CRS) c) Triggered or continuous data transmission d) Support off-the- shelf communication equipment e) Storage of accelerometer data and status and State of Health monitoring. f) The unit should be capable of recording the accelerometer data on the local storage media in

		<p>continuous or triggered mode or both as well as support real time data telemetry to the central station through telemetry network simultaneously.</p> <p>g) should have facility to retrieve the old data in the local storage media after request from Central Recording Station manually across the telemetry network.</p> <p>h) should have the facility to check the state of health of the system including system voltage, GPS, device status etc.</p> <p>i) should be able to issue an alert and start the communication in case of earthquake detection or Failure of state of health parameter.</p> <p>j) should have the facility for Calibration of the Accelerometer</p>
18)	Communication	<p>a) Ethernet port for real time telemetry</p> <p>b) Ethernet port / RS-232port</p> <p>c) Wi-Fi / GSM support</p> <p>d) Multi/Any Server support for data</p>

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