



INSTITUTE OF ADVANCED STUDY IN SCIENCE AND TECHNOLOGY
(An Autonomous Institute under Department of Science and Technology, Govt. of India)
Paschim Boragaon, Vigyan Path, Garchuk, Guwahati-781035

Notice Inviting Quotations (NIQ)

Advt. No: 371

Date: 14/11/2022

Sealed quotations are invited in two bid systems (Technical and Financial) from reputed manufacturer/authorized distributors/dealers for the calibration of the following scientific equipments/instruments of the Institute of Advanced Study in Science and Technology (IASST). Bid document with other terms & conditions can be submitted with bid fee as per following.

Bid fee-DD (non - refundable)	Last Date and Time for submission of bids	Venue for Opening of Technical Bids
Rs. 1000/- (Rupees One Thousand Only)	05/12/2022 at 5pm.	Office of the Registrar, IASST, Guwahati – 781035 Dt: 06/12/2022 at 3.00pm

A. List of Equipment to be Calibrated

A.1 Equipment under Basic and Applied Plasma Laboratories, IASST

Sl. No.	Name & Specification of the instruments	Quantity	Manufacturer	Model No./Serial No.	Laboratory
1.	Bipolar DC power supply (1KV, 1A)	1	IONICS POWER SOLUTIONS PVT. LTD	HV001K001BCIB4L	Plasma Application Laboratory
2.	Sine wave power supply (20KV, 500W)	1	IONICS POWER SOLUTIONS PVT. LTD	HV020K500WBSIB4L	
3.	Pirani Gauge	2	HINDHIVAC	PR-1 : 11/131-1 (Reader-DHPG-222,	

				<i>Gauge head- HPS-2)</i> PR-2 : 11/131-2 <i>(Reader-DHPG-222,</i> <i>Gauge head- HPS-2)</i>	Basic Plasma Laboratory
4.	Cold Cathode Gauge	1	PFEIPFER	<i>Reader-PTG28030</i> <i>Gauge head-PTR25500</i>	
5.	Regulated DC Power Supply	2	Kenwood	PR70-1A (4040063,4040072)	
6.	Regulated DC power supply	4	ELNOVA	664600300, 691301209, 615200300D(090k84157) 615300200D(090k84156)	
7.	Regulated DC power supply	1	Aplab	L3230(H011L32300816121)	
8.	DC power supply	1	Gwinstek	GPR-60300(691301209)	
9.	Bipolar Power supply/amplifier	2	AKAMURA-KEN	003636, POW	
10.	DC power supply	2	Tektronix	PWS2721(c010416,c010424)	
11.	Function generator(20MHz)	1	Tektronix	AFG2021	
12.	Spectrum analyser	1	Agilent	N9320B-ATO-72979	
13.	Amplifier	2	KROHN-HITE	7602M	
14.	Function Generator(25MHz)	1	TEKTRONIX	AFG3021C	
15.	RF power supply (13.56 MHz)	2	SEREN	<i>Power supply 1 : R301MKII-3630, Matching Network : MC2-8504</i> <i>Power supply 2 :R301MKII-1971, Matching Network : MC2-5408</i>	

16.	RF power supply (13.56 MHz)	1	RF VII	<i>Power supply :RF -3-XIII Matching Network :PT-II-CE</i>	Dusty Plasma Laboratory
17.	DC power supply	2	APLAB	H011L12810508007, H011L12810508008	
18.	DC power supply	1	GWINSTEK	GPR-6030D	
19.	Oscilloscope	1	TEKTRONIX	TDS 2001C	
20.	Vsense multimeter	1	AGILENT	U1233A	
21.	Pirani Gauge	1	HINDHIVAC	<i>Reader-A6STM-D, Gauge head-PR-3(SL. no: 519/20)</i>	
22.	Pirani Gauge	1	VACUUM TECHNIQUES	<i>Reader-VT-AP-11, Gauge head- PR-A-4700314</i>	
23.	Dual Gauge	1	PFEIPFER	<i>Reader- PTG28280, Gauge head- PTR26950A</i>	
24.	Dual Capacitance Manometer	1	MKS INSTRUMENT	<i>Reader : PDR2000 Head 1: 626C13TOE Head 2 : 626C01TOE</i>	
25.	Voltage Probe	2	Tektronix	P5100A P6015A	
	Total Quantity	36			

A.2 Equipment under Fuel Cell Laboratories, IASST

Sl. No.	Name & Specification of the instruments	Quantity	Manufacturer	Model No./Serial No.
1.	DC power supply (1.5KV, 1A)	1	HINDHIVAC	PS2000
2.	Multi-meter	1	FLUKE	101
3.	DC electronic load	1	KPASS	KMO611

4.	DC regulated power supply	1	KPASS	KM0611
5.	RF power Supply with matching network	3	SEREN	PG :R1001-1196 Controller:MC2-4651 MN:AT10 PG: R601-1700 Controller:MC2-4640 MN: AT6 PG:R301MKII Controller: MC2-5998 MN: AT3M
6	Penning Gauge	1	INDHIVAC	Meter-STPM-D, Head PNG2
7	Pirani Gauge	4	HINDHIVAC	Meter-DPG-001 Head: PR-3 Meter: A6 STM-D Head : PR-3 Meter: DPG-001 Head: PR-3 Meter: STP4M-I Head PR-3
8	Penning Gauge	1	SENSIRI Vacc Tech	Meter: DPNG-01 Head: PNH-022
9	Pirani Gauge	1	SENSIRI Vacc Tech	Meter : DPRG-01 Head: PGH-011
	Total Quantity	14		

A.3 Equipment under Plasma Nanotechnology Laboratory, IASST

Sl No.	Name and Specification of the equipment	Quantity	Manufacturer	Model No. / Serial No.
1	RF Power Supply (13.56MHz) with Matching Network	1	RFVII, USA	RF-6-XIII (RF6-083) PT-II-CE (PT-328)
2	RF Power Supply (13.56MHz) with Matching Network	1	SEREN, USA	R601 (R601-3016) MC-2 (MC2-6663)
3	Multimeter	1	Fluke	Fluke 101
4	Thermocouple temperature meter (with sensor)	1	Nippon	B151823, Type: Cr101

5	IR Thermometer	1	HTC	MTX 2
6	Optical power meter with 3 sensors	1	Newport, USA	1830-R (SI No. 30101) Sensor1: (Model No. 818-IR, SI No. 10891), Sensor2: (Model No. 818-UV, SI No. 11101), Sensor3: (Model No. 818-SL, SI No. 22305) <i>Calibration Module Unit(s): NEWPORT CORP 90044042 (same for all sensors)</i>
7	Light Meter (with 1 sensor for solar spectrum)	1	G & R Labs, USA	Model 100
8	Gas Flow Controller	8	Alicat, USA	MC-500SCCM-D (226999) MC-100SCCM-D (146444) MC-500SCCM-D (227000) MC-25SCCM-D (227001) MC-500SCCM-D (146438) MC-100SCCM-D (146445) MC-25SCCM-D (227002) MC-100SCCM-D (226994)*
9	Vapour Source Mass Flow Controller	1	MKS, USA	Controller: 1150 Display: 246
10	Pressure Gauge	3	HIND HIGH VAC (PENNING)	<i>Reader:</i> STP 4M-D (440/67, 488/12, 440/66) <i>Gauge Head:</i> PNG-2 (440/66F, 488/12F, 440/67F)
		2	HIND HIGH VAC (PIRANI)	<i>Reader:</i> A6 STM- D (518/09, 020/105) <i>Gauge Head:</i> PR-3 (518/09, 020/105-1)
		1	MKS, USA	<i>Reader:</i> 626 (016313782) <i>Gauge Head:</i> 626A.1TDF (016429324)

		2	Pfeiffer, Germany	<i>Reader:</i> PCR 280 (PTR26855) <i>Gauge Head:</i> TPG 261 (PTG28030) <i>Reader:</i> PKR 251 (PTR26000) <i>Gauge Head:</i> TPG 262 (PTG28280)
	TOTAL	24		

B. Terms and Conditions:

1. Equipment to be calibrated onsite at IASST, Guwahati. NABL accreditation will be preferred.
2. Purchase Order will be issued to the successful bidder (s), however, payment will be made after successful completion of calibration only. If due to any reason the calibration service provider is unable to complete the calibration of any equipment, then payment for that equipment will be deducted from the total bill amount while processing the payment. Bidder should quote the prices item wise.
3. Bidder may submit this bid for any number of equipment out of this list. The bidder with maximum equipment will get preference for further process.

Interested firms are requested to submit the unit price for the calibration of each instrument as mentioned above.

Participating firms may attend at the time of opening of bid as per date and time mentioned above. Detail tender document will be available at IASST website www.iasst.gov.in

There will not be any separate notice for participation of bidder in the bid opening time.

Registrar, IASST

Notice Inviting Quotation

Interested firms are requested to submit the unit price for the calibration of each instrument as mentioned above.

All the required calibration must be certified with national accreditation.

A. Eligibility Criteria of bidder(s):

- The Bidder should be a reputed Manufacturer/authorized distributors/dealers having after sales service agreement with the OEM (proof for the same to be enclosed along with address, phone nos. & E-mail etc. of the Service Centre).
- If the bidder is an ISO certified Company, then documentary proof should be enclosed.
- The bidder should have experience of more than five years in execution and maintenance of equipment quoted (A certificate of establishment to be provided).

B. Sequence of documents to be provided / enclosed in each copy of the bid documents:

1. The envelope containing the quotation(s) should be superscribed as “Quotation for supply and installation ofName of the equipment.....”.
2. Forwarding letter duly signed by the Authorized person.
3. Balance sheet with auditor’s report for the last two financial years.
4. Latest Income Tax return document.
5. GST Registration Certificate
6. Copy of PAN Card.
7. Sole Proprietary/sole manufacturer certificate for proprietary item.
8. Compliance sheet stating the deviation, if any, with reference to the terms and specifications of the equipment/ its accessories.
9. Certificate in support of the authorized agent/distributor/supplier.
10. List of similar equipment supplied by the firm with addresses and phone numbers of customers with satisfactory completion certificate/ working certificates.
11. Name and address of registered office, Head Office and Regional Office of the company with name and phone numbers of key persons.
12. Self-declaration at Annexure –I
13. Format of Manufacturer/Supplier/Distributor information at Annexure –II.

14. Technical Specification at Annexure – III

15. Financial Bid at Annexure – IV

16. Acceptance of all clauses of bids specification duly signed page wise.

17. A summary sheet as per the format must accompany the financial bid and failure to do so may result in cancellation of the bid.

18. Base on the document submitted by the vendor, the institute may ask for some additional document.

All the above documents except SL.No.17 should be enclosed with the Technical Bid. Sl. No.17 to be submitted in a separate sealed envelope following instruction (1) above.

Conditions forming part of NIQ

- The bid document, complete in all respect and duly signed by the bidder in each pages should reach the Registrar, Institute of Advanced Study in Science and Technology (IASST), Vigyan Path, Paschim Boragaon, Guwahati – 781035 on or before **05/12/2022 at 5.00 P.M.** No bids after the last date shall be entertained.
- The bidder must be able to make presentation of their bids in front of an expert committee if required.
- **Price quoted should be FOR, IASST only.**
- The DD should be drawn in favour of ‘The Director, IASST’ payable at Guwahati.
- **The bidder should submit technical & price bid separately for each equipment.**
- The two bid systems should be followed for this NIQ. Under this system the bidder must submit their offer in two separate sealed envelopes marked clearly as Technical Bid and Commercial Bid on cover page of the envelop for each item quoted. Both the sealed envelope should be placed in a third larger envelop. The main envelope which will contain both the bids should be super scribed with name of the equipment quoted for.
- A bid security declaration along with the bid should be submitted.
- The Technical Bids will be opened in presence of the bidders (if available) on the specified time and date. The bidder/their authorized agents who have responded to the quotation will be allowed to be present in the opening. The bidders are requested not to insert their quoted price in Technical Bid which will lead the quotation for summarily rejection.
- The Technical Bids will be evaluated to shortlist the eligible bidders. The Price Bids of only the short listed bidders shall be considered for further processing. Bidders whose Technical Bid is found acceptable and meets the eligibility requirements as specified in this NIQ will be informed about the date and time of the opening of Price Bid.
- Bids would be rejected for award if it determines that the bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the contract in question.
- The bids received after the deadline for submission of bids prescribed by the IASST will be rejected and such bids shall be marked as late and not considered for further evaluation.
- The IASST may, at its discretion, extent the deadline for submission of bids by amending the bid documents in accordance with clause relating to Amendment of Bidding documents in which case all

rights and obligations of the IASST and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

- The original and all copies of the bid shall be typed and shall be signed by the bidder or a person or persons duly authorized to bind the bidder to the Contract. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid. Further, over-writings on documents, if any should be supported by signatures.
- The bidders may submit their duly sealed Bid by post or by hand at the address specified in the NIQ not later than the time and date specified therein. In the event of the specified date for the submission of bid being declared a holiday for the IASST, the bid will be received up to the appointed time on the next working day.
- Issuance of bid documents should not automatically be construed that the bidder is considered qualified. The IASST Authority has the right to reject any bids on technical grounds without assigning any reason thereof.
- IASST shall not be responsible for any delay, loss or non-receipt of bid documents sent by post.
- Compliance sheet should indicate in details of meeting up of specifications required. The bidder can mention the additional features that exist in quoted products, if any, separately.
- All taxes, if applicable, should be quoted separately, otherwise it would be presumed that the quoted prices are inclusive of taxes (please see Financial Bid format).
- The quotations must be valid for a minimum period of 90 days (three months) from the date of opening of the financial bids. No change in prices and change in terms and conditions will be permitted.
- In the process of evaluation, comparison of bids, IASST reserves the right to reject any or all bids.
- All corrigenda will only be notified on the IASST website.
- The Director, IASST shall be the final authority for settlement of any dispute and his interpretation of any clause/term/condition(s) of this document shall be final.
- If any dispute arises out of or in connection with the contract, or in respect of any defined legal relationship associated therewith or derived there from, will be settled under the jurisdiction of Court of Law of Guwahati.
- The Institute is not bound to accept the lowest bidder.
- Purchase terms and condition as per General Financial Rule (GFR) will be applicable for all the purchases to be made.

Name:

Authorize Signature of the firm

Designation:

ANNEXURE-I

Self-Declaration to be given by the bidder

NIT Reference No.& Date:

Bidder's Name & Address:

Person to be contacted:

Designation:

Telephone No:

Fax No:

Email:

The Registrar,
Institute of Advanced Study in Science and Technology (IASST),
Vigyan Path, PaschimBoragaon, Guwahati – 781035.

We, the undersigned Bidder, having carefully read and examined in detail the Terms and Conditions, specifications and all bidding document in regard to the supply of equipment/instruments at Institute of Advanced Study in Science and Technology (IASST) and accept the same.

We also hereby declare

- that we have not been blacklisted/debarred by any Government/Undertaking.
- that the rates quoted are not higher than the rates quoted for same item to any Government/Undertaking.

- that the bid submitted by us is properly sealed and prepared so as to prevent any subsequent alteration and replacement.

For and on behalf of the firm

(Firms Name & Address)

(Signature of Authorized
Signatory)

Name:

Designation:

Phone No:

Seal:

Date: -----

Place: -----

ANNEXURE – II

FORMAT FOR OTHER INFORMATION

(To be filled in by the bidder)

Cost of Bid: Rs. 1000/- -----

Cash receipt/Bank Draft No: -----

Date: -----

- Name of the firm: -----
- Address: -----
- Telephone/Mobile No: -----
- Fax Number: -----
- Email: -----
- TIN/VAT/CST/GST No: -----
(Attach photocopy)
- Firm Registration No: -----
(If any)
- PAN: -----
(Attach photocopy)
- Details of Earnest Money (Bids Security) of the estimated values of the equipment to be provided.

a) Bank Draft/Pay Order No.

b) Date.

c) For Rs.

d) Drawn On.

Place -----

(Signature of the authorized person)

Date -----

Name of the Contact person

Name of the Firm

Contact No.

Seal

Annexure – III

TECHNICAL SPECIFICATION

Equipment Name:

Equipment Name	Whether all specifications are as per the advertisement listed (Yes/No)

ANNEXURE - IV

FINANCIAL BID

Sl. No	Equipment& Specifications	Amount
1	Basic Cost of the Equipment	
2	GST& other taxes (if any)	
3	Excise duty, if any	
4	Customs duty, if any	
5	Packaging & forwarding charges, if any	
6	Octroi Duty, if applicable,	
7	Training cost, if any	
8	Installation and Commissioning cost, if any	
9	Any other charges, if any – please specify	
10	Grand Total (in figure & words)	

(Signature of the authorized person)

Name of the Contact Person:

Name of the Firm:

Contact No.:

CONTRACT FORM

(To be filled by the successful bidder only)

THIS AGREEMENT is made on the ----- day of -----,20----- between the Registrar,Institute of Advanced Study in Science and Technology (IASST), Vigyan Path, PaschimBoragaon, Guwahati – 781035 (hereinafter called “the Purchaser”) of the one part and -----(Name of Supplier) of ----- (city and country of Supplier) (hereinafter called “the Supplier”) of the other part:

WHEREAS the Purchaser is desirous that certain equipment/instrument and after sales services viz, ----- (Brief Description of equipment/instrument and after sales services) and has accepted a bid by the Supplier for the supply of those equipment/instrument and after sales services for the sum of ----- (Contract Price in Words and Figures) (hereinafter called ‘the Contract Price’).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. In consideration of the payments to be made by the IASST to the supplier as hereinafter mentioned, the Supplier hereby covenants with the IASST to provide the equipment/instrument and after sales services and to remedy defects therein in conformity with the provisions of the Contract in all respects.
3. The IASST hereby covenants to pay the Supplier in consideration of the supply of the equipment/instrument and after sales services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

Brief particulars of the equipment and after sales services which shall be supplied/ provided by the Supplier are as under:

SL. NO	BRIEF DESCRIPTION OF EQUIPMENT/INSTRUMENT AND AFTER SALES SERVICES	QUANTITY TO BE SUPPLIED	UNIT PRICE	TOTAL PRICE	DELIVERY TREMS