BRIC-NATIONAL INSTITUTE OF PLANT GENOME RESEARCH

(An Autonomous Research Institution of the Department of
Biotechnology Ministry of Science and Technology, Govt. of India)
Aruna Asaf Ali Marg, New Delhi – 110 067
Phone: 26735139, 26735141 Fax: 26741658, 26741146

TENDER NOTICE
Tender No. 8/02/2026-27/NIPGR/S&P

Online tenders (in two bid system) for the Supply, Installation, Testing & Commissioning of 01 no. of **Mass Spectrometer** at NIPGR Campus, Aruna Asaf Ali Marg, New Delhi 110067 are invited on behalf of the Director, NIPGR from the manufactures/their authorized dealer, the tenderers registered with MSME & NSIC in the above-mentioned Categories / Activities in terms of Circular No. F.20/38/2020-PPD dated 18/11/2020 issued by Ministry of Finance, Government of India.

The said equipment has been provided relaxation under Rule 161(iv) of GFR 2017 for issuance for Global Tender Enquiry (GTE) as per GTE OM No. F.4/1/2023-PPD dated 28.06.24

S.No.	Estimated Cost (in ₹)	EMD in ₹	Time for Completion	Date & Time of Pre-Bid Meeting	Last Date & Time of Sale / Submission of Tenders	Date & Time of Opening of Tenders
1.	1,90,00,000/-	3,80,000/-	12 Weeks	**10/07/2026* 1100 Hrs**	30/07/2026 1500 Hrs.	31/07/2026 1500 Hrs.

***Venue of Pre-Bid Meeting: Board Room, NIPGR, Aruna Asaf Ali Marg, New Delhi 110067**

The Earnest Money should be deposited in the form of Demand Draft as well as Bank Guarantee issued by any of the commercial Banks drawn in favour of the Director, NIPGR, payable at New Delhi so as to reach the undersigned latest by 30/07/2026 (3.00 P.M). The Tender documents and detailed specifications can be obtained in person by the interested firms from the Purchase-Cum-Store Officer, NIPGR, during office hours against non-refundable cash payment of ₹ 500.00 (Rs. Five Hundred only) as mentioned above from 03/07/2026 to 30/07/2026 upto 1500 hrs. The tender document is available on eprocure.gov.in and can also be downloaded from our website: **www.nipgr.ac.in** and CPP Portal https://eprocure.gov.in/eprocure/app. The tender document downloaded from the website is exempt from payment of tender document cost (₹ 500/-).

The tenderers registered with MSME & NSIC in the above-mentioned Service / Activity are exempt from deposit of EMD. The terms and conditions enclosed along with the Annexure I, II & III duly accepted and signed as instructed are also required to be submitted with the foregoing document.

The Director, NIPGR, reserves the right to accept or reject all or any of the bids without assigning any reasons thereof.

Purchase cum Stores Officer

ब्रिक-राष्ट्रीय पादप जीनोम अनुसंधान संस्थान

(बायोटेक्नोलॉजी विभाग का एक स्वायत्त अनुसंधान संस्थान)

विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार)

अरुणा आसफ अली मार्ग, नई दिल्ली-110067

फ़ोन: 267735141, 26735139 फ़ैक्स: 26741658, 26741146

निविदा सूचना

निविदा संख्या 8/2/2026-27/एनआईपीजीआर/एस एंड पी

एनआईपीजीआर परिसर, अरुणा आसफ अली मार्ग, नई दिल्ली 110067 01 संख्या **मास स्पेक्ट्रोमीटर** की आपूर्ति, स्थापना, परीक्षण और कमीशनिंग के लिए ऑनलाइन स्थानीय निविदाएं (दो बोली प्रणाली में) निदेशक, एनआईपीजीआर की ओर से निर्माताओं / उनके अधिकृत डीलरों से वित्त मंत्रालय, भारत सरकार द्वारा जारी परिपत्र संख्या एफ.20/38/2020-पीपीडी दिनांक 18/11/2020 के अनुसार उपर्युक्त श्रेणियों / गतिविधियों में एमएसएमई और एनएसआईसी के साथ पंजीकृत निविदाकारों को आमंत्रित किया जाता है।

उक्त उपकरण को वैश्विक निविदा पूछताछ (जीटीई) जारी करने के लिए जीएफआर 2017 के नियम 161 (iv) के तहत छूट प्रदान की गई है, जैसा कि जीटीई ओएम संख्या एफ.4/1/2023-पीपीडी दिनांक 28.06.24 के अनुसार है।

क्र.सं.	अनुमानित लागत (₹ में)	ईएमडी ₹ में	पूरा होने का समय	प्री-बिड मीटिंग की तिथि एवं समय	निविदाओं की बिक्री/प्रस्तुति की अंतिम तिथि एवं समय	निविदाएं खोलने की तिथि एवं समय
1.	1,90,00,000/-	3,80,000/-	12 सप्ताह	**10/07/2026* 1100 बजे.**	30/07/2026 1500 बजे.	31/07/2026 1500 बजे.

*** प्री-बिड मीटिंग का स्थान: बोर्ड रूम, NIPGR, अरुणा आसफ अली मार्ग, नई दिल्ली 110067**

बयाना राशि किसी भी वाणिज्यिक बैंक द्वारा जारी डिमांड ड्राफ्ट के साथ-साथ बैंक गारंटी के रूप में निदेशक, एनआईपीजीआर के पक्ष में नई दिल्ली में देय जमा की जानी चाहिए ताकि यह 30/07/2026 (अपराह्न 3.00 बजे) तक अधोहस्ताक्षरी के पास पहुंच जाए। टेंडर दस्तावेज़ एवं विस्तृत विनिर्देश (स्पेसिफिकेशन्स) इच्छुक फर्मों द्वारा कार्यालय समय के दौरान व्यक्तिगत रूप से क्रय एवं भंडार अधिकारी, एनआईपीजीआर से प्राप्त किए जा सकते हैं। इसके लिए ₹ 500.00 (रुपये पाँच सौ मात्र) की गैर-वापसी योग्य नकद राशि, जैसा कि ऊपर उल्लेखित है, 03/07/2026 to 30/07/2026 तक दोपहर 3:00 बजे (1500 घंटे) तक जमा करनी होगी। निविदा दस्तावेज़ eprocure.gov.in पर उपलब्ध है और इसे हमारी वेबसाइट www.nipgr.ac.in और CPP पोर्टल https://eprocure.gov.in/eprocure/app से भी डाउनलोड किया जा सकता है। वेबसाइट से डाउनलोड किए गए निविदा दस्तावेज़ पर निविदा दस्तावेज़ की लागत (₹500/-) का भुगतान नहीं करना होगा।

उपर्युक्त सेवा/गतिविधि में एमएसएमई और एनएसआईसी के साथ पंजीकृत निविदाकर्ताओं को ईएमडी जमा करने से छूट दी गई है। अनुलग्नक **I, II** और **III** के साथ संलग्न नियम और शर्तें, जिन्हें विधिवत स्वीकार किया गया हो और निर्देशानुसार हस्ताक्षरित हों, भी उपरोक्त दस्तावेज़ के साथ जमा करना आवश्यक है।

निदेशक, एनआईपीजीआर के पास बिना कोई कारण बताए सभी या किसी भी बोलियों को स्वीकार या अस्वीकार करने का अधिकार सुरक्षित है।

क्रय एवं भंडार अधिकारी

TENDER DOCUMENTS

Name of Work: Supply, Installation, Testing & Commissioning of 01 no. of Mass Spectrometer at NIPGR Campus, New Delhi

Owner: Director, NIPGR, Aruna Asaf Ali Marg, New Delhi – 110 067

Tender Issued to: _____

_____

_____

Place for submission/
Place of opening tender document: Purchase Section
NIPGR,
Aruna Asaf Ali Marg,
New Delhi-110067

Last date & time for sale of Tender Documents: 30/07/2026 up to 15:00 hrs.

Date & Time of opening of Technical Bid: 31/07/2026 at 15:00 hrs.

Purchase cum Stores Officer
NIPGR, New Delhi

TENDER FORM

To

The Director
NIPGR,
ARUNA ASAF ALI MARG,
New Delhi

Dear Sir,

I/We have read and examined the following Tender Documents relating to the **Supply, installation, testing and commissioning of Mass Spectrometer at National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi 110067**.

- General Conditions
- Instructions to bidders
- Annexure I, II & III
- Special Instructions to bidders
- General Information
- Specific condition of contract
- Terms and Conditions of Contract Agreement
- Special Terms and conditions of Contract
- Instructions for online Bid submission
- Technical specifications

Price Bid (Excel Format) Separate

I/We hereby offer to execute the work complete in all respects specified in the underwritten Memorandum within the time specified therein, at the rates specified in the Price Bid and in accordance with the specifications, designs, drawings and instructions in writing referred to in the conditions of tender.

Tenderers Signature and Seal

GENERAL CONDITIONS

1. Online tenders are hereby invited from manufacturers/ authorized dealers for the Supply, installation, testing and commissioning of **Mass Spectrometer at National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi 110067.**

2. The tender document consists of General Conditions, Instructions to Bidders, **Annexures I, II & III,** Special Instruction to Bidders, General Information, Tender Form, Specific Condition of Contract, Terms and Conditions of Contract Agreement, Special Terms and Conditions of Contract, Instruction for online Bid submission, Technical Specification and Price Bid can be obtained in person from **03/07/2026 to 31/07/2026** from the Purchase-cum-Stores Officer at NIPGR, Aruna Asaf Ali Marg, New Delhi. The tender document can also be downloaded from our website: www.nipgr.ac.in **free of cost**. The tender document is obligatory on the part of the tenderers & bid in no other form will be accepted.

3. The time allowed for the supply, testing and commissioning of above equipment's is 12 weeks from the date of written Supply order.

4. Make in India Purchase Preference: Except as otherwise prescribed by the Concerned Department/Ministry of Govt of India, purchase preference will be given to eligible suppliers as per Govt of India, Ministry of Commerce and Industry, DPIIT order No. P-45021/2/2017-B.E-II dated 15 June 2017 and as revised from time to time.

5. Annexure –I on Judicial Stamp Paper.

6. The Tenderer will submit his tender in prescribed format after examining the tender documents, scope of work, specific conditions of contract, Instructions to bidders, General Information, Terms and Conditions of contract agreement, technical specification, Price Bid, special terms and conditions of contract, specific conditions of contract.

7. The tender shall be submitted online in two parts, viz., Technical bid and Financial bid. Submission of complete tender document duly stamped and signed by tenderer with technical bid is mandatory.

8. The **tenderer shall submit copies of work order/contracts along with delivery acceptance certificates like CRAC/Completion certificate along with bid in support of having supplied the said product.** The **criteria in prior experience and prior turnover along with relaxation for MSEs/ Startups is as detailed below:**

	Criteria for all bidders except eligible MSEs/Startups	**Relaxation for MSEs/Startups**
Experience	Past experience of 80% of bid value of same/similar product to any Central/State Govt Organization /PSU in atleast one of the last three years ending **March 2026**.	Past experience of 50% of bid value of same/similar product to any Central/State Govt Organization /PSU in atleast one of the last three years ending **March 2026.**
Turnover	Having minimum average annual financial turnover of 50% of the bid value in the last three financial years ending March 2025.	Having minimum average annual financial turnover of 30% of the bid value in the last three financial years ending March 2025.

9. In case of delayed delivery except for Force Majeure cases, the Seller shall pay penalty to the Buyer for each week or part of a week of delay amounting to 1% of the contract value, subject to maximum 10% of the contract value. The delay period is calculated from the expiry of the agreed delivery date specified in the contract or purchase order. Beyond the maximum penalty, the procuring entity often reserves the right to cancel the remaining contract and procure the materials from an alternate vendor at the defaulting supplier's "risk and cost".

10. The tenderer shall submit a copy of the audited balance sheets / turnover certificate of the past three financial years ending **31/3/2025**.

11. NIPGR does not bind itself to accept the lowest or any tender and reserves the right to reject any or all tenders without assigning any reason.

12. NIPGR will not pay any expense, whatsoever incurred by tenderer for the preparation and submission of tenders.

13. The notice inviting tender, will form part of the contract agreement to be executed by the successful tenderer with the NIPGR.

14. All the correspondence on the tender shall be addressed to the Director, NIPGR, Aruna Asaf Ali Marg, New Delhi and any communication addressed to anyone else shall not in any manner to be binding upon the NIPGR, Aruna Asaf Ali Marg, New Delhi.

15. The tenderer shall submit a copy of Authorization Letter from the manufacturer or their authorized agents along with copy of PAN/GST numbers allotted to them.

Note: The governing language for the bid shall be English. In case of any dispute, the English version will prevail.

Tenderers Signature with Seal **Purchase cum Stores Officer**

INSTRUCTIONS TO BIDDERS

1. GENERAL INSTRUCTIONS:

The items referred here-in shall cover the entire scope of the proposal which includes supplying and installation of the equipment including the successful completion and the tests which the NIPGR desires testing and commissioning shall be carried out.

2. TENDERERS TO STUDY ENTIRE TENDER DOCUMENT CAREFULLY:

Submission of a tender by a tenderer implies that he has read all the stipulations contained in this tender document and has acquainted himself of the nature, scope and specifications of the items to be followed.

3. TENDERER TO SUBMIT THE ENTIRE TENDER DOCUMENT:

The tenderer shall submit all documents issued to him for the purpose of this tender after duly filling the same in all respects. Tenders which are found to be vague or incomplete shall be rejected summarily.

4. TENDER SHALL BE WRITTEN IN ENGLISH LANGUAGE:

Every tender shall be written in English language. All information such as documents and drawings supplied by the tenderer will also be in the English language only. Drawings and designs shall be dimensioned according to the metric system of measurements. Tenders shall be forwarded under cover or a letter type written on the tenderer's letter-head and duly signed by the tenderer. Signatures must be in long hand, executed in ink by a duly authorized principal of the tendering firm. No oral, telegraphic or telephonic tenders or subsequent modifications there-to shall be entertained; If a tender is submitted on behalf of the firm, then all the partners shall sign or may be signed by one in whose favour all the partners have given General Power of Attorney. In case of tender submitted by a company, it shall be signed by one who has been authorized by the Board of Directors through a resolution. Copy of resolution and the authority letter in favour of the person signing must accompany the tender.

5. VALIDITY PERIOD OF OFFERS:

The rates quoted in the tender shall hold good for 90 days from the date of opening of the tender. If a tenderer on his own withdraws or revokes the tender or revises or alters or modifies the tender for any item or condition within the period mentioned in the tender notice, in such cases the Institute reserves the right to reject the bid and take any other action as deemed appropriate. In case the successful tenderer after award of acceptance of tender fails to perform as per contract or violates any condition of tender, the Agency shall be suspended from being eligible for bidding in any contract with the NIPGR, New Delhi for the period of 2 years starting from the last date of receipt of this bid/tender. The validity of accepted rates is further extendable from the date of issue of award letter with mutual consent of both parties.

6. TENDERER TO SIGN ALL PAGES:

The tenderer shall stamp and sign at the bottom right-hand corner of every page of the tender documents in token of acceptance of tender conditions and for the purpose of identification.

7. ERASERES AND ALTERATIONS:

Tenders containing erasures and alterations of the tender documents are liable to be rejected unless these are authenticated by the person signing the Tender Documents.

8. TENDERER TO SATISFY HIMSELF OF SITE CONDITIONS:

Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tender regarding nature of the site conditions, the means of access of the site, the accommodation they may require and in general obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender in any manner. A tenderer shall be deemed to have full knowledge of the site, whether he inspects it or not and no compensation or otherwise of any charges incurred or to be incurred consequent on any misunderstanding or otherwise shall be admissible.

9. EARNEST MONEY:

The tender shall be accompanied with the Earnest Money in the form of Demand Draft / Bank Guarantee issued by any of the commercial banks drawn in favour of Director, NIPGR payable at New Delhi.

10. TENDERER TO QUOTE BOTH IN FIGURES AND WORDS:

The bidder shall quote their rates for all the items both in figures as well as words given as per the attached format of Price bid. The amount of each item shall be worked out and the requisite total given. Special care shall be taken to write percentage in figures and words, and the amount in figures only in such a way that interpolation is not possible. The total amount shall be written both in figures and in words.

11. TENDER LIABLE TO REJECTION:

Tenders which do not fulfill all or any of the conditions laid down in this notice, or contain conditions not covered and / or not contemplated by the Conditions of tender document and/or expressly prohibited therein or stipulate additional/alternative conditions shall be liable to be rejected and his earnest money will be forfeited.

Tenders shall also be liable for rejection on any of the following grounds: -

i) Tenders containing remarks uncalled for.
iii) Conditional tenders
iv) Tenders not submitted on prescribed Performa.
v) Telegraphic/Fax/Postal tenders.
vi) Tender submitted without EMD shall not be accepted.

12. CORRESPONDENCE:

Tenderers must mention their postal address and telephone number(s) of the Chief Executive/authorized agent or attorney in the tender. The tender submitted by the tenderer will be rejected if he or his agent cannot be contacted on the last known address or on the intimated telephone number(s) after reasonable search in which event earnest money may be forfeited by the NIPGR.

13. NIPGR NOT TO ASSIGN ANY REASON FOR REJECTION OF TENDER:

Director, NIPGR hold absolute discretion to accept or reject the lowest or any other tender without assigning any reason. No claim on this account shall be entertained.

14. AMENDMENT IN TENDER DOCUMENTS:

NIPGR reserves the right to revise or amend the Bid Documents upto the date prior to the date notified for opening of the tenders and also the right to postpone the date of submission and opening of tenders without assigning any reason, whatsoever.

NIPGR also reserves the right to change the quantities of the units while issuing the letter of award of work.

15. REFERENCE IN TENDER DOCUMENTS:

Director, NIPGR, shall be referred as "Owner" in all the documents of Tender documents/contract agreement.

16. SCIENTIST INCHARGE

Where ever the word "Scientist Incharge" occurs it shall mean the authorized Scientist appointed by the NIPGR for the superintendence of the execution of related works.

Tenderers Signature with Seal **Purchase cum Stores Officer**

ANNEXURE-I

(Undertaking on a Non-Judicial Stamp Paper worth Rs. 100/- duly notarized)

I/We (bidder) hereby give an undertaking that:

a) I/We have not been backlisted/ not on holding list during last three years by any Govt. Department/Govt. Autonomous Body/Institution, etc.

b) I/We do not have any dispute with any of the Govt. Department/Govt. Autonomous Bodies/Institutions, etc.;

c) I/We have never been certified as "Unsatisfactory Performer" for the said services provided to the Govt. Department/Govt. Autonomous Bodies/Institutions;

d) I/We have not submitted any fake/forged certificates/documents and later, if any such 'Certificates/Documents' found to be fake/forged or contains willful wrong/incorrect information, suitable legal action may be initiated against me/us/agency besides 'Blacklisting' etc.

e) I/We shall not withdraw my/our bid after opening of Technical Bid and if done so, the NIPGR shall be authorized to take action as deemed appropriate against me/us.

(Signature of Authorized Signatory with Company Seal)

Place:

Date:

ANNEXURE-II

Self-Certification on the registered Company's letter head in respect of Class -I/ Class-II/ Non- Local Supplier Certificate.

In line with Government Public Procurement Order No. P-45021/2/2017-BE-II dt. 15.06.2017, P-45021/2/2017-BE-II dated 28.05.2018, P-45021/2/2017-BE-II dated 29.05.2019, P-45021/2/2017-B.E.-II dated 04.06.2020, P-45021/2/2017-PP (BE-II) dated 16.09.2020 and P-45021/2/2017-PP(BE-II)-Part (4) Vol. II Dated 08.07.25 of DPIIT, Ministry of Commerce and Industry, Govt. of India, we hereby certify that we M/s.…… ……

fall under the following category of supplier (please tick the correct category) for the material/goods being quoted for **SITC of 01 no. of Mass Spectrometer** …… for which this tender has been floated and being bided.

- Class I local supplier – has local content equal to or more than 50%.
- Class II local supplier – has local content equal to or more than 20% but less than 50%.
- Non-local supplier – has local content less than 20%.

Details of location at which local value addition will be made is as follows: …… …… …… ……...

We also understand, false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

Date: **Signature of Authorized Signatory with Company Seal**

Place:

Mobile No:

Office Telephone No:

Email ID: Office Seal:

ANNEXURE-III

Certificate for Tenders involving procurement

"I/We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I/we certify that we/our principles are not from such a country or, if from such a country, have been registered with the Competent Authority. I/we hereby certify that we fulfill all the requirements in this regard and are eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]"

(Signature of Authorized Signatory with Company Seal)

Note: The Certificate should be printed on the Company's letter head.

SPECIAL INSTRUCTIONS TO BIDDERS FOR REGISTRATION WITH COMPETENT AUTHORITY

Bidders Registration

1) Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority constituted by the Department for Promotion of Industry and Internal Trade (DPIIT).

2) **"Bidder"** for the purpose of this tender (including the term 'tenderer', 'consultant' 'vendor' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency, branch or office controlled by such person, participating in a procurement process.

3) **"Bidder from a country which shares a land border with India"** for the purpose of this tender means:

a) An entity incorporated, established or registered in such a country; or
b) A subsidiary of an entity incorporated, established or registered in such a country; or
c) An entity substantially controlled through entities incorporated, established or registered in such a country; or
d) An entity whose beneficial owner is situated in such a country; or
e) An Indian (or other) agent of such an entity; or
f) A natural person who is a citizen of such a country; or
g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

4) **"The Beneficial owner"** for the purpose of (3) above will be as under:

1) In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person(s), has a controlling ownership interest or who exercises control through other means.
   Explanation: -
   a)"Controlling ownership interest" means ownership of, or entitlement to, more than twenty-five per cent of shares or capital or profits of the company;

   b)"Control" shall include the right to appoint the majority of the directors or to control the management or policy decisions, including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;

2) In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;

3) In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

4) Where no natural person is identified under (i) or (ii) or (iii) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;

5) In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

"An Agent" for the purpose of this Order is a person employed to do any act for another, or to represent another in dealings with third persons.

Tenderers Signature and Seal

GENERAL INFORMATION

1.	Accepting Authority	Director, NIPGR, New Delhi.
		₹ 3,80,000/- (Rs. Three lakh eighty Thousand only) to be furnished with the tender in the form of the Demand draft as well as Bank Guarantee issued by any of the commercial Banks drawn in favour of "Director, NIPGR" payable at New Delhi.
2.	Earnest Money	(No interest is payable on this deposit)
3.	Security Deposit	The EMD submitted by successful tenderer shall be treated as part of performance security deposit.
4.	Performance Security	**The successful tenderer shall be required to deposit an amount equal to 5% of the tender value of the contract as Performance Security after adjusting the EMD within 10 days from the date of issue of award letter. Performance Security may be deposited in the form of Demand Draft or Bank Guarantee from State Bank of India or any Scheduled bank.**
5.	Authority competent to grant extension of time	Director, NIPGR.
6.	Tools & Plants	To be arranged by Tenderer
7.	Authority competent to reduce the Compensation amount	Director, NIPGR
8.	Defect Liability/warranty period	**39 months from the date of installation and acceptance by the NIPGR**
9.	Authority Competent to Appoint Arbitrator	Director, NIPGR
10.	Release of Security Deposit	The Performance Security shall be released after completion of the defect liability period.

Tenderers Signature with Seal

Specific Conditions of Contract

1. **Scope of work**: The scope of work generally consists of providing of **Mass Spectrometer** as described in the equipment specifications of the tender documents. The supplier shall carryout and complete the work under the contract in every respect in accordance with this tenders documents and under directions & to the entire satisfaction of the Scientist-In-Charge. If any item of the work to be executed is not covered under specification, the same shall be executed as decided by the Scientist-In-Charge.

   It is not the intent to specify completely herein all aspect of design and constructional features of equipment and details of work to be carried out, nevertheless, the equipment and work shall confirm in all respect to high standard of engineering, design and workmanship and shall be capable of performing in continuous commercial operation in a manner acceptable to the Scientist-In-Charge, who will interpret the meaning of the specifications and drawings and shall have the right to reject or accept any work or material, which in his assessment is not complete to meet the requirements of the specifications and or applicable code, and standards mentioned elsewhere in the specifications.

2. **Operation & Maintenance manuals**: Prior to completion of the work and handing over the **Mass Spectrometer** the supplier shall submit 3 sets of following details:

   i) Comprehensive operation instructions, preventive and routine maintenance schedules
   ii) Manufacturer's equipment catalogues and operating & maintenance instructions
   iii) Electrical control diagrams, piping scheme diagrams
   iii) List of recommended spare parts with spare part codes, specifications & source of procurements.

   Supplier to provide all for testing: The supplier shall provide and pay for all necessary tools, instruments gadgets and testing equipment required for conducting various tests. Any defects in material and / or in workmanship detected during initial testing shall be rectified by the supplier at his own cost. Initial testing shall be carried out in the presence of Scientist-In-Charge or his representative to his entire satisfaction. The installation shall be commissioned after approval by Scientist-In-Charge.

3. **Virtual completion**: On satisfactory completion of initial testing and commissioning, the installation shall be put to continuous running test for a period of 2 days for the purpose of taking over. Any defect in material and/ or in workmanship detected in the course of testing shall be rectified by the supplier at his own cost to the entire satisfaction of the Scientist-In-Charge. The test shall be repeated after removal of defects. After successful completion of above tests, the equipment shall be taken over.

4. **Guarantee & Defect liability period**: The equipment covered by this contract shall be guaranteed by the supplier against faulty material and workmanship for a period of **36 months** from the date of virtual completion and taking over the installation. Any part found defective shall be replaced free of all costs by the supplier. The supplier shall guarantee that all equipment shall work satisfactorily and that the performance and efficiency of the equipment shall not be less than the specified values. If performance of equipment during guarantee period is not found satisfactory, the guarantee period will be extended till satisfactory performance is established for further period of reasonable time decided by NIPGR. The services of the supplier's personnelif

requisitioned during the defect liability period shall be made available free of any cost to NIPGR. If the defects noticed during the guarantee period are not remedial within a reasonable time and / or some equipment or system as a whole remain out of order for a total period of one-month (4 weeks) (Unless or otherwise extended) NIPGR shall have the right to remedy the defects at the supplier's risk & cost without prejudice to any other rights.

5. **Maintenance**: During the guarantee & defect liability, the supplier shall provide at no extra cost necessary material and personal to carry out the repairs & routine maintenance of equipment. The supplier shall attend to all problems experienced in the operation of the system within a reasonable time but not more than 48 Hrs. of receiving the complaint and take corrective action immediately.

6. **Training of Personnel at site**: In order to enable NIPGR's staff to get acquainted with the operation and maintenance of the Equipment, the supplier at no extra cost to NIPGR shall train the departmental personnel during the period of installation, testing, commission and prior to virtual completion and taking over by NIPGR.

7. **Storage of materials & safe custody**: Lockable storage space, if available shall be made available to the supplier by NIPGR. However, the supplier shall be responsible for watch & ward and safe custody of his equipment and installation till they are formally taken over by NIPGR. Non-availability of lockable storage space due to any reasons shall not relieve the supplier of his contractual obligations in any way.

8. **Completion period**: All work of installation, testing, commissioning and handing over of the **Mass Spectrometer** in accordance with this contract shall be completed within the stipulated period or within the extended time as has been allowed by the Institute.

9. The supplier/manufacturer should ensure timely service and calibration of machine for successful installation and satisfactory operation.

Tenderers Signature with Seal

TERMS & CONDITIONS OF CONTRCT AGREEMENT

COMPENSATION CLAUSE

1. The time allowed for carrying out the work as entered in the tender shall be strictly observed by the Tenderer, and shall be reckoned from the day of the date on which the order to commence the work is given to the Tenderer. The Tenderer shall prepare and submit the details of delivery and installation for the execution of the said work within ten days of award of work for approval of the Scientist Incharge, NIPGR. The work on the contract shall be executed according to the approved schedule as aforesaid and shall throughout the stipulated period of the contract be proceeded with all due diligence (time being deemed to be the essence of the contract on the part of the Tenderer) **and the Tenderer shall pay as compensation an amount equal to one percent or such smaller amount as Scientist Incharge, NIPGR may decide on the value of work as per contract**, for every week that the work remains un-commenced or unfinished after the dates mutually agreed upon by the parties. Further to ensure good progress during the execution of the work, the Tenderer shall be bound in all cases in which the time allowed for any work exceeds one month to complete one fourth of the whole of the work before one fourth of the whole time allowed under the contract has elapsed, one half of work before one half of such time has elapsed and three fourth of the work before three fourth of such time has elapsed. In the event of the Tenderer failing to comply with this condition he shall be liable to pay as compensation an amount equal to one percent or such smaller amount as the Scientist Incharge, NIPGR, may decide of the value of balance work for everyday that the due quantity of work remains incomplete. Provided always that the entire amount of compensation to be paid under the provisions of this clause shall not exceed ten percent of the awarded cost of work as shown in the tender. The Director, NIPGR, on a representation from the Tenderer, is however, empowered to reduce the amount of compensation and his decision in writing shall be final.

TIME EXTENSION

2. If the Tenderer shall desire an extension of the time limit for completion of the work on the grounds of his having been unavoidably hindered in its execution or on any other ground he shall apply in writing to the Scientist Incharge, NIPGR within 10 days of the date of the hindrance on account of which he desires such extensions as aforesaid but before the expiry of time limit and the Scientist Incharge, if in his opinion(which shall be final) reasonable grounds as shown thereof ,authorized such extension of time if any, as may, in his opinion be necessary or proper.

COMPLETION

3. Without prejudice to the rights of Scientist Incharge under any clause hereinafter contained on completion of the work, the Tenderer shall be furnished with a certificate by the Scientist Incharge or his representative of such completion, but no such certificate shall be given nor shall the work be considered to be complete until the Tenderer shall have removed from the premises on which the work has been executed,

all surplus materials and rubbish, and cleaning off the dirt from all doors, walls, floors, or any other parts of buildings said to have been completed, and the measurements in the said certificate shall be binding and conclusive against the Tenderer, if the Tenderer shall fail to comply with the requirements of this clause as to the removal of scaffolding, surplus materials, and rubbish and cleaning off dirt on or before the date fixed for the completion of the work, Scientist Incharge, NIPGR may at the expense of the Tenderer have removed such scaffolding ,surplus materials and rubbish and dispose of the same as he thinks fit and clean off such dirt as aforesaid and the Tenderer shall forth with pay the amount of all expenses so incurred, and shall have no claim in respect of any such scaffolding or surplus materials as aforesaid except for any such sale proceeds actually realized by the sale thereof.

ARBITRATION

4. Except where otherwise provided in the contract all questions and disputes relating to the meaning of the specifications, designs , drawings and instructions here in before mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim , right, matter or thing whatsoever, in any arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution or failure to execute the same whether arising during the progress of the work or after the completion or abandonment thereof shall be referred to the sole arbitration of the person selected from out of a panel of names to be supplied upon a request in writing by party invoking the arbitration by the Director, NIPGR, at the time of the dispute. It will be no objection to any such appointment that the arbitrator so appointed was associated with the work and that he had to deal with the matters to which the contract relates and that in the course of his duties in association with the Scientist Incharge, NIPGR, he had expressed views on all or any of the matters in dispute or difference. The arbitrator to whom the matter is originally referred being unable to act for any reason, the Director shall appoint another person to act as arbitrator in accordance with the terms of the contract. Such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor. It is also a term of this contract that no person other than a person appointed by the Director as aforesaid shall act as arbitrator. In all cases where the amount of the claim in dispute is ` 50000/- (Rs. Fifty thousand only) or above, the arbitrator shall give reasons for the award. Subject as aforesaid the provisions of Arbitration and Cancellation Act 1996 or any statutory modifications or reenactment thereof and the rules framed there under and for the time being in force shall apply to the arbitration proceeding under this clause. It is also a term of the contract that while invoking arbitration the party invoking arbitration shall specify the dispute or disputes to be referred to arbitration under this clause together with the amount or amounts claimed in respect of each such dispute. It is also a term of the contract that if a party does not make any demand for arbitration in respect of any claim(s) in writing within 90 days of receiving the intimation from the Scientist Incharge that the bill is ready for payment, the claim if any, shall be deemed to have been waived and absolutely barred and the owner shall be discharged and released of all liabilities under the contract in respect of these claims.

CARRYING OUT OF WORK

5. All the work shall be carried out strictly and in accordance with the specifications given in the tender to the total satisfaction of the Scientist Incharge. In the case of an item for which specification are not available in the said specifications relevant BIS specifications applicable as on the date of tenders shall be followed.

INSPECTION OF WORK

6. All work under or in course of execution or executed in pursuance of the contract shall at all times be open to the inspection and supervision of Scientist Incharge, NIPGR or his subordinate in-charge of the work and the Tenderer shall at all times, during the usual working hours and at all other times at which reasonable notice of the intention of the Scientist Incharge to visit the works shall have been given to the Tenderer, either himself be present to receive order and instructions or have a responsible agent duly accredited in writing present for that purpose. Orders given to the Tenderer's agent shall be considered to have the same force as if they had been given to the Tenderer himself.

INSURANCE

7. The following insurance cover is to be provided by the Tenderer in the joint names of the employer and the Tenderer for the period from the start date till completion of entire work.
   a) Cover against damage to other people's property caused by the
   b) Tenderer's acts or omission;
   c) Cover against death or injury caused by the Tenderer's acts or omission to:
      i) Anyone authorized to be on the site;
      ii) Third parties who are not on the site;

8. No Escalation in rates shall be paid.

9. The Tenderer shall provide all necessary superintendence during execution of the work and as along thereafter as may be necessary for proper fulfilling of the obligations under the contract.

10. The tenderer must visit the site at NIPGR campus, Aruna Asaf Ali Marg, New Delhi - 110067 before quoting the rates.

11. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the Tenderers who resort to canvassing will be liable to rejection.

12. The rates quoted for foreign equipments shall be CIF/CIP New Delhi.

13. The rates for Local equipments shall be inclusive of all taxes, octroi, cartage etc., and nothing extra will be paid.

14. No T&P will be issued by the department.

15. The final payment shall be made only after completion of the work subject to certification by Scientist –in- Charge.

16. The site of work is at NIPGR Campus, Aruna Asaf Ali Marg, New Delhi – 110067.

17. The **Technical specifications** of the equipments required are detailed at page **29-30** of this Tender Document.

18. Installation, Testing & Commissioning of the supplied equipments will be done at our site by the bidder in the presence of Scientist-in-Charge of our Institute.

Tenderers Signature with Seal

SPECIAL TERMS AND CONDITIONS OF CONTRACT

1. TENDERER TO BE LIABLE FOR ALL TAXES ETC.

The rates specified in the tender shall be CIF/CIP New Delhi/ FOR NIPGR and inclusive of all taxes, duties and other charges etc., in respect of the contract and the rates shall be firm irrespective of any variation in the prevailing rates of taxes, levies, octroi, etc., and any fresh imposition of any of these by State/Central/Statuary bodies. The supplier shall indemnify the Director against levy of any taxes, etc., in regard to this contract and in the event of the Director being assessed for any of the said imports,
Director shall have the right to recover the total amount so assessed from the supplier's dues and the supplier shall also be responsible for all costs or expenses that may be incurred by Director in connection with any proceedings or limitation in respect of the same. The GST and other taxes, if any, shall be paid as per actuals.

2. FORCE MAJEURE:

The right of the Tenderer to proceed with the work shall not be terminated because of any delay in the completion of the work due to unforeseeable causes beyond the control and without the fault or negligence of the Tenderer, including not limited to acts of God, or of the public enemy, restraints of a sovereign state, firms, floods, unusually severe weather.

3. JURISDICTION:

Not with standing any other courts having jurisdiction to decide the questions forming subject matter of a suit any and all actions and proceedings arising out of or relative to this contract (including any arbitration in terms thereof) shall lie only in the court of competent Civil jurisdiction in this behalf at New Delhi., where this contract is to be signed on behalf of Director, NIPGR and only the said court shall have jurisdiction to try any such actions and/or proceedings to the exclusion of all other courts.

4. SCOPE OF WORK:

The scope of work is as per enclosed details. The Tenderer should note that during the preparation of detailed working drawings, according to which the Tenderer has to execute the work covered under this contract, may undergo changes. The scope drawings for the entire work are not enclosed, but only a few indicating the probable nature of construction are attached. The scope of work is thus not limited only to the details.

5. Scientist Incharge Role:

The Scientist Incharge shall carry out general supervision and direction of the work. He/she has authority to stop the work. Whenever he/she considering such stoppage necessary to ensure the proper execution of the work. He/she shall also have authority to inspect and reject all work and materials, which do not conform to the specifications and to direct the application of Tenderer's forces to any portion of the work, as in his/her judgment is required, and to order the said force increased or diminished and to decide questions which arise in the execution of the work.
The Scientist Incharge shall have the right to suspend the work or part thereof at any time and no claim whatsoever on this account shall be entertained. In case of any clarification the Tenderer may appeal to the Director, NIPGR whose decision shall be final and binding on the Tenderer. The above inspection shall, however, not relieve

the Tenderer of his responsibilities in regards to defective materials or workmanship and the necessity for rectifying or replacing the same.

6. TENDERER'S RESPONSIBILITY FOR THE MANNER OF EXECUTION OF WORKS

The Tenderer shall be solely responsible for the manner and the method of executing the work. The work shall be subject to the approval of Scientist Incharge from time to time for purposes of determination of the question whether the work is executed by the Tenderer in accordance with the contract.

7. SUBMISSION OF BILLS:

Tenderer is to submit the bills in triplicate along with delivery challans to the Scientist Incharge for works executed by him. Payment will be released on completion of entire work subject to certification by the Scientist Incharge.

8. ACTION AND COMPENSATION PAYABLE IN CASE OF BAD WORK:

If it shall appear to Scientist Incharge, NIPGR or his representatives, that any work has been executed with unsound, imperfect or unskillful workmanship or with materials of any inferior description or that any materials or articles provided by him for the execution of the work are unsound or of a quality inferior to the contracted for, or otherwise not in accordance with the contract specifications the Tenderer shall on demand in writing from the Scientist Incharge specifying the work materials, articles complained or not with-standing that the same have been inadvertently passed, certified and paid for, forthwith rectify or remove and reconstruct the work so specified in whole or in part as the case may require, or as the case, remove the materials or articles so specified and provide other and suitable materials or articles so specified at his own cost and in the event of his failing to do so within a period to be specified by the Scientist Incharge in his demand aforesaid, then the Tenderer shall be liable to pay compensation at the rate of one percent on the amount of the estimate for every day not exceeding ten days while his failure to do so that continue and in the case of any such failure Scientist Incharge, NIPGR may rectify or remove, and re-execute the work or remove and replace with other materials or articles complained of, as the case may be at risk and expenses in all respects of the Tenderer.

9. It shall always prevail, unless otherwise specifically stated, that the entire provisions of Tender document been opened upon and accepted for compliance by the Tenderer without any reservation.

10. Exemption of Customs Duty and Excise Duty

The NIPGR is exempted from payment of Custom Duty and Excise Duty for supply of equipments etc. vide Govt. of India Notification No. 51/96 dt. 23/07/1996. Since the Customs Duty/ Excise Duty and clearance charges will be borne by the Institute, Bidders are requested to quote their rates accordingly. However it will be the responsibility of the Supplier to shift the equipment to site of work including opening of crates, transportation, loading and unloading. Nothing extra will be paid on any account.

11. Terms of payment

100% of the equipments value against irrevocable LC on receipt of order acknowledgement and Performance Guarantee/Security from Principles of supplier or their Indian Agent subject to fulfillment of condition at Sl.No. **4** under General Information. In case of the payment in Indian Rupees, payments shall be released upon successful/satisfactory installation of the equipment. The payment will be released after deduction of taxes at source as per Rules.

12. Bidder should provide quotations directly enclosed from the manufacturer.

13. Bidder providing misleading or wrong information will be disqualified.

14. Bidder will support all the claims by product catalogue, public website of the manufacturer.

15. The Tender Compliance Sheet attached with the tender document should be properly filled with complete details.

Tenderers Signature with Seal

Instructions for Online Bid Submission

1. The tender documents are available on our website www.nipgr.ac.in **& www.eprocure.gov.in** and same can be downloaded.

2. Tender documents may be downloaded from ITPO's website www.nipgr.ac.in and CPPP site https://eprocure.gov.in/eprocure/app as per the schedule as given in the tender document.

3. Bids shall be submitted online only at CPPP website: https://eprocure.gov.in/eprocure/app. Tenderers/Contractors are advised to follow the instructions provided in the 'Instructions to the Contractors/Tenderer for the esubmission of the bids online through the Central Public Procurement Portal for eProcurement at https://eprocure.gov.in/eprocure/app**'.** Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

4. Not more than one tender shall be submitted by one contactor or contractors having business relationship. Under no circumstance will father and his son(s) or other close relations who have business relationship with one another (i.e when one or more partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.

5. The bidders are advised to visit CPPP website https://eprocure.gov.in/eprocure/app at least 3 days prior to closing date of submission of tender for any corrigendum / addendum/ amendment.

6. Bids will be opened as per date/time as mentioned in the **Tender Document.** After online opening and evaluation of technical bids, the results of their qualification as well Price-Bid opening will be intimated later.

Submission of Tender

The tender shall be submitted online in two parts, viz., Technical bid and Financial bid.

All the pages of bid being submitted must be sequentially numbered by the bidder irrespective of nature of content of the documents before uploading.

The offers submitted by Post/Fax/email shall not be considered. No correspondence will be entertained in this matter.

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: https://eprocure.gov.in/eprocure/app**.**

REGISTRATION

1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: https://eprocure.gov.in/eprocure/app) by clicking on the link "**Online Bidder Enrolment**" on the CPP Portal which is free of charge.

2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.

4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra/ Nic etc.), with their profile.

5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.

6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.

2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

Bidder should take into account any corrigendum published on the tender document before submitting their bids.

1) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

2) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

3) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, GST Certificate etc.) has been provided to the bidders. Bidders can use "My Space" or ''Other Important Documents'' area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.

3) Bidder has to select the payment option as "offline" to pay the tender fee as applicable and enter details of the instrument.

4) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

5) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

6) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

9) Upon the successful and timely submission of bids (i.e after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

10) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 3070 2232, 91-7878007972 and 91-7878007973

Technical specifications for 01 No. of Mass Spectrometer along with accessories:

Sr. No.	Technical Specifications
I.	**Technical Specification Mass Spectrometer (Isotope Ratio Mass Spectrometer):**
1.	Accelerating voltage should have a minimum range of 3kV or above.
2.	Gas source, mass range (m/z) 2 to 96, Mass resolution 110 (C, N, O, S), Estimation of C, O, N and S isotopes and percentage. Construction and design of ion source and vacuum system must be such that memory is eliminated and should have Weld-free mono-block source housing, machined out of single piece of metal. The ion source and internal parts must have built in internal radiant heating of wetted surfaces
3.	Collectors(s) for Nitrogen isotope array should measure isotopic ratios of N in gases. COLLECTOR ARRAY should allow the measurement of CO_2, N_2, N_2O, SO_2, O_2, CO, and in basic configuration. Vendor to provide full schematic showing cup positions, slit widths, and resistor values. · It must be possible to vary the value of the high ohmic resistor on any amplifier from the software · Mass resolution of >100 · Amplifiers must be in sealed and evacuated housing which is actively pumped, in order to reduce dark noise from ambient alpha radiation.
4.	Reported precision values for continuous flow for various isotopes ($\delta^{15}N$) should be given in documents (1σ error).
5	Amplifier: 50V and above for reference gas and sample gas flow
6	Internal Precision (1σ): $\delta^{18}O \leq 0.06‰$ or better $\delta^{13}C \leq 0.06‰$ or better $\delta^{15}N \leq 0.06‰$ or better $\delta^{34}S \leq 0.1‰$ or better
7.	Linearity for continuous flow mode: $\delta^{13}C$ (CO_2): ≤ 0.03 or better $\delta^{18}O$ (CO_2): ≤ 0.04 or better $\delta^{15}N$ (N_2): ≤ 0.03 or better $\delta^{34}S$ (SO_2): ≤ 0.04 or better $\delta^{18}O$ (CO): ≤ 0.04 or better
8.	Highly stable electromagnet for separation of masses and acceleration voltage (3kV or above) for maximum ions to the magnetic chamber with low backgrounds.
9	Instrument should be facilitated with suitable measure to ensure moisture free delivery of the analyte gases to IRMS
10	The filament is inert to oxygen.
11	Electronic modules should under computer control via software interface
12	Pre and post data analysis acquisition software for stable isotope measurements
13	Vacuum pumps (Rotary and Turbo molecular pumps) and gauges with display of vacuum status on the front panel. Automatic system protection in case of power failure. Vacuum range must achieve better than 1 x 10^{-7} mbar to 1 x 10^{-9} mbar
14	IRMS software should work on all latest windows OS (Windows 8.1/Windows 10/Windows 11)
15	All vacuum system, ion source, system connection, heater, electron emission and all major modules should have light (LED) indicators for knowing system status
16	Ambient lab environment (25ºC to 30ºC) influence on instrument stability and background limitations should be mentioned.
17	Auto focusing, alignment and background corrections for moisture and other gases via software controller
18	Flushing and Analysis of sample gas should have both automated, manual and software interface control facility
19	Calibration of instrument for stable isotope measurement should be demonstrated and manual also provided with clear SOPs
I.	**Limitations of IRMS/peripherals should be clearly mentioned in documentary in respect of sample quantity, sensitivity and reproducibility**
II.	Vendor shall quote consumables enough for 2000 samples analysis for C, N and S determination
20	The Quoted IRMS should have the compatibility for both software and hardware part to existing CHNSO system (Model Flash Smart EA CHNS/O Elemental Analyzer) in institute. The complete system should be functional and operated with single software. During installation the company has to integrate the existing CHNSO system with the newly acquired IRMS and the two instrument should be operational as a single unit. The given software should be such that it should be functional for the next 10 years and can be upgraded on requirement.

21	The interface Interfacing of Elemental Analyzer to IRMS must have automated sample dilution, automated addition of reference gases and must be possible to dilute Sample gases. · It must be possible to choose the appropriate dilution for each analyte, so that different dilutions can be used for CO_2 and N_2 during a multi-isotope analysis. Interface must have capability for automated introduction of at five reference gases, to allow ready expansion of analytical capabilities to include S, O and H analysis. Software and hardware must permit automated Intensity matching of reference and sample peaks.
22	A Helium Management module (HeM) that delivers very low helium consumption for each sample analyzed
23	A sequence delay timer for sample throughput management during maintenance periods and auto-stop function in the instance samples do not analyze correctly
24	Pre-calibration of instrument/sensitivity/background/noise check before running instrument for N in solid samples manuals and also training by expert technician should be provided.
25	Internal and external analytical precision (reported) of solid sample N isotope measurement should also be demonstrated during installation for acceptance.
26	**Data System** for control of mass spectrometer, data acquisition, and data reduction. The instrument control software must have a library of routines which automate the measurement of sensitivity, linearity, abundance sensitivity, magnet stability and high voltage power supply stability. The following items on the IRMS and the peripheral devices must be under computer control: Switching between two high ohmic resistors on the same amplifier diagnostic routines
27.	Element analyzer and interface equipment available with software control and complete training, along with demonstration during installation, should be provided. For training a person should be hosted in house at NIPGR for 6 months after complete installation. The person will be responsible for traning CIF staffs and students and need to develop methods for isotope labeling etc.
28.	Vendor shall quote consumables enough for 2000 samples analysis and 2000 C, N, S, O sample.
	Technical Support:
	i) At least 3 Years manufacturer's warranty on all supplied items including electronic parts and accessories with instruments
	ii) Vendor must have local isotope service setup in India, for which documentation is required, including full disclosure of names, locations, training, and years of experience.
	iii) Availability of telephone support, including telephone numbers and email addresses, must be detailed. Information must allow contact to be made during bid evaluation, in order to evaluate the length or time and quality of response to technical personal or institute.
	Terms and conditions:
	a) All the local service and consumable parts support at least for 3 years beyond the guarantee/warranty period
	b) *Must have adequate number of similar installations in India minimum 5 nos (supported with comprehensive list of users in India)*
	Note: Compliance to all technical specification above shall be mandatorily submitted with the bid. Ranges are to mentioned clearly. Deviation if any shall be brought out clearly, failing which the bid will be treated as non-responsive.

TECHNICAL BID

NAME OF WORK: Supply, Installation, Testing & Commissioning of 01 no. of Spectrometer at NIPGR Campus, New Delhi

Tender No. 8/02/2026-27/NIPGR/S&P

<table>
<tr><th>S.No.</th><th>Description</th><th>Qt. Req.</th><th>Rate per Unit</th><th>Rate in INR, FOR Institute</th><th>Rate in Foreign Currency, CIF/CIP New Delhi</th></tr>
<tr><td>1.</td><td>Technical specifications for 01 No. of Mass Spectrometer along with accessories:
<table>
<tr><th>S. N.</th><th>Technical Specifications</th></tr>
<tr><td>I.</td><td>Technical Specification Mass Spectrometer (Isotope Ratio Mass Spectrometer):</td></tr>
<tr><td>1.</td><td>Accelerating voltage should have a minimum range of 3kV or above.</td></tr>
<tr><td>2.</td><td>Gas source, mass range (m/z) 2 to 96, Mass resolution 110 (C, N, O, S), Estimation of C, O, N and S isotopes and percentage. Construction and design of ion source and vacuum system must be such that memory is eliminated and should have Weld-free mono-block source housing, machined out of single piece of metal. The ion source and internal parts must have built in internal radiant heating of wetted surfaces</td></tr>
<tr><td>3.</td><td>Collectors(s) for Nitrogen isotope array should measure isotopic ratios of N in gases. COLLECTOR ARRAY should allow the measurement of CO_2, N_2, N_2O, SO_2, O_2, CO, and in basic configuration. Vendor to provide full schematic showing cup positions, slit widths, and resistor values. · It must be possible to vary the value of the high ohmic resistor on any amplifier from the software · Mass resolution of >100 · Amplifiers must be in sealed and evacuated housing which is actively pumped, in order to reduce dark noise from ambient alpha radiation.</td></tr>
<tr><td>4.</td><td>Reported precision values for continuous flow for various isotopes ($\delta^{15}N$) should be given in documents (1σ error).</td></tr>
<tr><td>5</td><td>Amplifier: 50V and above for reference gas and sample gas flow</td></tr>
<tr><td>6</td><td><u>Internal Precision (1σ)</u>:
$\delta^{18}O \leq 0.06‰$ or better
$\delta^{13}C \leq 0.06‰$ or better
$\delta^{15}N \leq 0.06‰$ or better
$\delta^{34}S \leq 0.1‰$ or better</td></tr>
<tr><td>7.</td><td><u>Linearity for continuous flow mode:</u>
$\delta^{13}C$ (CO_2): ≤ 0.03 or better
$\delta^{18}O$ (CO_2): ≤ 0.04 or better
$\delta^{15}N$ (N_2): ≤ 0.03 or better
$\delta^{34}S$ (SO_2): ≤ 0.04 or better
$\delta^{18}O$ (CO): ≤ 0.04 or better</td></tr>
<tr><td>8.</td><td>Highly stable electromagnet for separation of masses and acceleration voltage (3kV or above) for maximum ions to the magnetic chamber with low backgrounds.</td></tr>
<tr><td>9</td><td>Instrument should be facilitated with suitable measure to ensure moisture free delivery of the analyte gases to IRMS</td></tr>
<tr><td>10</td><td>The filament is inert to oxygen.</td></tr>
<tr><td>11</td><td>Electronic modules should under computer control via software interface</td></tr>
<tr><td>12</td><td>Pre and post data analysis acquisition software for stable isotope measurements</td></tr>
<tr><td>13</td><td>Vacuum pumps (Rotary and Turbo molecular pumps) and gauges with display of vacuum status on the front panel. Automatic system protection in case of power failure. Vacuum range must achieve better than 1×10^{-7} mbar to 1×10^{-9} mbar</td></tr>
<tr><td>14</td><td>IRMS software should work on all latest windows OS (Windows 8.1/Windows 10/Windows 11)</td></tr>
<tr><td>15</td><td>All vacuum system, ion source, system connection, heater, electron emission and all major modules should have light (LED) indicators for knowing system status</td></tr>
<tr><td>16</td><td>Ambient lab environment (25ºC to 30ºC) influence on instrument stability and background limitations should be mentioned.</td></tr>
<tr><td>17</td><td>Auto focusing, alignment and background corrections for moisture and other gases via software controller</td></tr>
<tr><td>18</td><td>Flushing and Analysis of sample gas should have both automated, manual and software interface control facility</td></tr>
<tr><td>19</td><td>Calibration of instrument for stable isotope measurement should be demonstrated and manual also provided with clear SOPs</td></tr>
<tr><td>I.</td><td>Limitations of IRMS/peripherals should be clearly mentioned in documentary in respect of sample quantity, sensitivity and reproducibility</td></tr>
<tr><td>II.</td><td>Vendor shall quote consumables enough for 2000 samples analysis for C, N and S determination</td></tr>
<tr><td></td><td></td></tr>
<tr><td>20</td><td>The Quoted IRMS should have the compatibility for both software and hardware part to existing CHNSO system (Model Flash Smart EA CHNS/O Elemental Analyzer) in institute. The complete</td></tr>
</table></td><td></td><td colspan="3">Rates not be quoted</td></tr>
</table>

			system should be functional and operated with single software. During installation the company has to integrate the existing CHNSO system with the newly acquired IRMS and the two instrument should be operational as a single unit. The given software should be such that it should be functional for the next 10 years and can be upgraded on requirement.		
		21	The interface Interfacing of Elemental Analyzer to IRMS must have automated sample dilution, automated addition of reference gases and must be possible to dilute Sample gases. · It must be possible to choose the appropriate dilution for each analyte, so that different dilutions can be used for CO_2 and N_2 during a multi-isotope analysis. Interface must have capability for automated introduction of at five reference gases, to allow ready expansion of analytical capabilities to include S, O and H analysis. Software and hardware must permit automated Intensity matching of reference and sample peaks.		
		22	A Helium Management module (HeM) that delivers very low helium consumption for each sample analyzed		
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			a) All the local service and consumable parts support at least for 3 years beyond the guarantee/warranty period		
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			Note: Compliance to all technical specification above shall be mandatorily submitted with the bid. Ranges are to mentioned clearly. Deviation if any shall be brought out clearly, failing which the bid will be treated as non-responsive.		

Name & Signature of Tenderers/
Company with Seal

No.F.4/1/2023-PPD(pt.)
Government of India
Ministry of Finance
Department of Expenditure
Procurement Policy Division
*****

515, Lok Nayak Bhavan,
Khan Market, New Delhi,
28.06.2024

OFFICE MEMORANDUM

Subject: - Relaxation under Rule 161(iv) of General Financial Rules 2017 for issuance of Global Tender Enquiry (GTE) for procurement of Medical Devices -reg.

Attention is invited to this Department's OM No. F.12/17/2019-PPD dated 15.05.2020 regarding amendment in Rule 161(iv) of General Financial Rules (GFRs) 2017 stipulating that *no Global Tender Enquiry (GTE) shall be invited for tenders upto Rs.200 crore*. However, in exceptional cases, where the Ministry or the Department feels that there are special reasons for issuance of GTE, it may record its detailed justification and seek prior approval for relaxation to the above Rule from the competent authority i.e. Secretary (Coordination), Cabinet Secretariat.

2. In this context, Ministry of Health & Family Welfare (MoH&FW) has requested to exempt procurement of 354 Medical Devices from the above instructions.

3. In view of request of MoH&FW, a general exemption is hereby granted herewith under Rule 161 (iv) of GFRs 2017, from the instructions issued by this Department vide OMs No. F.12/17/2019-PPD dated 15.05.2020 & 28.05.2020, for issuance of GTE for procurement of 354 Medical Devices listed at Annexure-A till 31.03.2027 or further orders.

4. In this context, it is further clarified that:

a. The machine system includes spare parts and accessories which may be procured by procuring entities together or separately.
b. Procuring entity concerned may frame the detailed technical specifications for the above devices as per their requirements.

5. This issues with the approval of Finance Secretary.

Encls: As above.

(Sher Bahadur)
Under Secretary (Procurement Policy)
Tel. No. 24621304
Email: sher.bahadur@nic.in

To,

All the Secretaries and Financial Advisors to Government of India.

Copy to:

Secretary (Coordination), Cabinet Secretariat, Rashtrapati Bhawan, New Delhi.

98	Digital Slide Scanning System with Research Grade Microscope/Image Analysis Software
99	Electron Microscope
100	ELISA/ELISPOT Reader
101	Film Array Mulltiplex PCR System
102	Advanced Gas Chromatography equipment
103	Gel Electrophoresis Equipment with Accessories
104	High Content Screening Systems
105	Mass Spectrometers (including combinations with Liquid/Gas Chromatography)
106	Inductively Coupled Plasma Mass Spectrometry (ICP-MS)
107	Fluorescent Microscope/ Portable Fluorescent Microscope
108	Liquid Based Cytology System
109	Magnetic Bead Based Multiplex Immunoassay System
110	Ion Exchange Chromatography System
111	Automated Mercury Analyser
112	Bilirubin Analyser: Micro Method/ Transcutaneous
113	Metaphase Finder System with Fluorescence
114	Multimode Microplate Reader and Fluorimeter
115	Microwave Digestion System
116	Multiplex Protein Array/ Suspension Array System
117	Advanced Spectrophotometer
118	Point of Care Device for Cardiac Biomarkers (CKMB, Troponin, BNP, Myoglobin)
119	Ultracentrifuge Machines
120	Spectrometer/ Spectroscope/ Spectrofluorometer/ Texture Analyzer
121	Vacuum Assisted Automatic Tissue Processor
122	Western Blotting Apparatus