

Ref E file 15263

Date 12.02 .25

**Notice for Invitation of Bids**

This is to inform all interested bidders that Delhi office has published a tender document on the Government e-Marketplace (GeM) portal.

Interested parties are requested to visit the GeM portal to access the complete bid document and obtain further details. All relevant terms and conditions, eligibility criteria, and submission deadlines are specified on the GeM site.

For any clarifications, please refer to the contact information provided within the bid document on the GeM portal.

Thank you for your interest, and we look forward to your participation.

Copy of the GEM bid document and additional terms and condition is placed below for ready ref.

Kochi 25  
12.02.2025

Scientist C and QEL s i/c

**Bid Document/ बिड दस्तावेज़**

<b>Bid Details/बिड विवरण</b>	
<b>Bid End Date/Time/बिड बंद होने की तारीख/समय</b>	22-02-2025 12:00:00
<b>Bid Opening Date/Time/बिड खुलने की तारीख/समय</b>	22-02-2025 12:30:00
<b>Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)</b>	30 (Days)
<b>Ministry/State Name/मंत्रालय/राज्य का नाम</b>	Ministry Of Commerce And Industry
<b>Department Name/विभाग का नाम</b>	Department Of Commerce
<b>Organisation Name/संगठन का नाम</b>	Spices Board
<b>Office Name/कार्यालय का नाम</b>	Head Office
<b>क्रैता ईमेल/Buyer Email</b>	dinesh.bisht899@nic.in
<b>Total Quantity/कुल मात्रा</b>	1
<b>Item Category/मद केटेगरी</b>	NITROGEN GENERATOR FOR LCMSMS (PURITY MIN. 95% , FLOW RATE 25 LPM OR ABOVE AT ATMOSPHERIC PRESSURE
<b>GeMARPTS में खोजी गई स्ट्रिंग / Searched Strings used in GeMARPTS</b>	1.Nitrogen Generator for LCMS/MS(Purity min.95%,Flow rate min.25 LPM or above, at Atmospheric Pressure & Max. Pressure 100 psi ( 7 bar)
<b>GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS</b>	Category not available on GeM for the text string uploaded by the buyer
<b>अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification</b>	<ul style="list-style-type: none"> <li>Nitrogen Generator</li> </ul>
<b>Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)</b>	7 Lakh (s)
<b>OEM Average Turnover (Last 3 Years)मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)</b>	56 Lakh (s)
<b>Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष</b>	3 Year (s)
<b>MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है</b>	Yes

<b>Bid Details/बिड विवरण</b>	
<b>Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है</b>	Yes
<b>Document required from seller/विक्रेता से मांगे गए दस्तावेज़</b>	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
<b>Do you want to show documents uploaded by bidders to all bidders participated in bid?/</b>	Yes
<b>Past Performance/विगत प्रदर्शन</b>	60 %
<b>Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया</b>	No
<b>Comprehensive Maintenance Charges Required</b>	Yes
<b>Type of Bid/बिड का प्रकार</b>	Two Packet Bid
<b>Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय</b>	7 Days
<b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
<b>Evaluation Method/मूल्यांकन पद्धति</b>	Total value wise evaluation
<b>Financial Document Required/वित्तीय दस्तावेज की आवश्यकता है।</b>	Yes
<b>Arbitration Clause</b>	No
<b>Mediation Clause</b>	No

**EMD Detail/ईएमडी विवरण**

Advisory Bank/एडवाइजरी बैंक	PUNJAB NATIONAL BANK
EMD Amount/ईएमडी राशि	28000

**ePBG Detail/ईपीबीजी विवरण**

Required/आवश्यकता	No
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(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service

Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने है। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

**Beneficiary/लभार्थी :**

Secretary

Head Office, Department of Commerce, Spices Board, Ministry of Commerce and Industry, Sugandha Bhawan, NH Bye Pass, Palarivattom, Kochi 682025  
(Secretary, Spices Board)

**MII Purchase Preference/एमआईआई खरीद वरीयता**

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes
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**MSE Purchase Preference/एमएसई खरीद वरीयता**

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
4. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
5. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
6. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the



Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

7. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

8. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 60% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

## **NITROGEN GENERATOR FOR LCMSMS (PURITY MIN. 95% , FLOW RATE 25 LPM OR ABOVE AT ATMOSPHERIC PRESSURE ( 1 pieces )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

### **Technical Specifications/तकनीकी विशिष्टियाँ**

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	<a href="#">Download</a>
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<b>Comprehensive Maintenance</b>	
Warranty of required product	1 Year
Comprehensive Maintenance Duration (Post Warranty)	2 Year

\*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog

specification

**Installation Commissioning and Testing (ICT) details for the above item:**

% of Product Cost Payable on Product Delivery	70%
Min Cost Allocation for ICT as a % of product cost	30%
Number of days allowed for ICT after site readiness communication to seller	10 Days/दिन

**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा**

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Dinesh Singh Bisht	110040,SPICES BOARD NARELA MKG RO Sector A-7, Plot No.5, Narela, Delhi	1	45

**Buyer added Bid Specific Additional Scope of Work**

S.No.क्र.सं.	Document Title	Description	Applicable/रिवर्स प्रभार के अनुसार जीएसटी i.r.o. Items
1	Technical Specifiactions <a href="#">View</a>	Technical specifications indicating purity of gas , flow rate of generator, outlet pressure etc	NITROGEN GENERATOR FOR LCMSMS (PURITY MIN. 95% , FLOW RATE 25 LPM OR ABOVE AT ATMOSPHERIC PRESSURE(1)

**The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.**

**Buyer Added Bid Specific Terms and Conditions/केता द्वारा जोड़ी गई बिड की विशेष शर्तें**

**1. Generic**

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

**2. Warranty**

Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide AMC Service for next 2 years for the offered products at the rate not more than 3 % of contract price per annum. Buyer reserves the right to enter into an AMC agreement ( covering preventive maintenance and servicing)with



the Successful Bidder / OEM after expiry of the Warranty period at rate as mentioned above and the payment for the AMC charges would be made Biannually after rendering of the AMC Services of the relevant AMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept the AMC contract when called upon by the buyer. The original Performance Security of contract will be returned only after submission and verification of AMC Performance Security for 2% of total AMC value valid up to AMC period plus 2 months (if there is no other claim). (Undertaking of acceptance to be uploaded with bid).

### 3. Warranty

Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

### 4. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

## Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to

such representations.

## **Additional Clause For Comprehensive Maintenance Charges**

1.CMC shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, after satisfactory completion of Warranty. During the CMC period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six months or as per user requirement. Cost of consumables shall not be included in CMC.Further there will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.

2.CMC charges to be indicated as percentage of cost of equipment quoted for each year after the warranty period.

3.GST shall be included in the CMC Charges quoted.

4.Cost of CMC will be added for Ranking/Evaluation purpose with depreciation formula.A 10% discounting rate per year shall be applied on CMC Charges for price evaluation on Net Present Value.

5.The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user.

6.While creating a bid or RA, buyers shall indicate whether CMC is required against Yes/No" options. If CMC Charges are included, an option for number of years for CMC required after the warranty period shall be available.Under this option up to 10 years can be chosen for CMC charges beyond warranty period.

7.In case the bid has a provision for CMC, the warranty of the product will also be deemed to have been converted into Comprehensive warranty including preventive maintenance and calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, during the Warranty Period also. Sellers are therefore advised to include the cost of Comprehensive Warranty including spares (excluding consumables) also in product Cost.

8.The CMC functionality shall be available in bid only and no direct RA shall be applicable.In case of bid to R/A decrement rules shall be applicable on total price inclusive of CMC charges. Bunching of products shall not be available while creating bids with CMC charges.

8.1.Buyer shall indicate number of years of warranty by selecting different options available in the field depending on warranty parameter applicable in category parameters for the equipment. No. of years of warranty indicated here shall supersede the warranty period indicated elsewhere in bid or product specifications. The Seller while participating in Bid/RA will get fields to indicate CMC charges as percentage depending on number of years of CMC selected by Buyer. The following shall be applicable, if 5 year CMC selected:

- CMC charges for 1st year after warranty period- Percentage to be indicated- A1
- CMC charges for 2nd year after warranty period- Percentage to be indicated- A2
- CMC charges for 3rd year after warranty period - Percentage to be indicated- A3
- CMC charges for 4th year after warranty period - Percentage to be indicated- A4
- CMC charges for 5th year after warranty period - Percentage to be indicated- A5

Similarly, A6 to A10 are to be indicated for 6th to 10th year of CMC if applicable.

8.2.The calculation of CMC Charges shall take into account the number of years of warranty and duration of CMC as specified while creating bid.

8.3.In the price evaluation, the system shall provide function to calculate the cost of each equipment by formula indicated below includingCMC and then show the inter-se-ranking of the bidders. The following are the variables

- (i) Number of years for which CMC required.
- (ii) Number of years of product warranty

The formula for calculating total cost including CMC charges shall be as under:

Total Cost for evaluation=

$C + C * \{ (A1/100)/(1.10^n) + (A2/100)/(1.10^{n+1}) + (A3/100)/(1.10^{n+2}) + (A4/100)/(1.10^{n+3}) + (A5/100)/(1.10^{n+4}) \}$  and so on

C - Cost for equipment quoted and n shall be number of years of product warranty specified.

If 2 year warranty specified, n shall be 2 and if 5 year warranty specified, n shall be 5. A1,A2, A3, A4& A5shall depend on how many years CMC selected. For 3 yearCMC, only A1,A2 and A3 factors are to be taken into account and A4 and A5 will not be applicable.

8.4.CMC charges offered for each subsequent year should be same or higher than preceding year.

8.5.The CMC charges shall be offered within range of 3 to 10% of cost of equipment.

9.Since CMC charges are to be paid only later for each year during CMC period,applicable performance guarantee amount after placement of contract shall be based on the cost of equipment excluding the cost of



#### CMC Charges.

10. Performance bank guarantee applicable for CMC is to be submitted at start of the CMC and shall be applicable between 2.5% to 10% as specified in bid on total CMC Charges. The PBG submitted after award of contract shall be released only after new PBG for the CMC period is submitted and accepted by buyer/consignee after due verification. Bank guarantee for CMC is to remain valid till completion of CMC period plus one year. The bank guarantee for CMC shall be submitted to buyer directly. In case, seller fails to submit the PBG or does not provide services for the CMC contract after expiry of warranty period then PBG of equipment shall be forfeited.

11. In case of splitting of order quantity, equipment cost and CMC charges offered by L1 bidder shall be matched by higher quoting eligible bidders on one-to-one basis. The equipment cost and CMC charges (year to year) shall be matched individually.

12. The CMC Contract shall be an offline contract to be handled by buyer. The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user and scope of CMC will be as per para 1 above.

13. CMC Charges are inclusive of all the charges for Transportation, Lodging, Boarding, all insurances including third party insurance and all other incidental charges. The same shall include GST. The prices also include cost of spares and damaged parts. Purchaser does not have any liability, whatsoever, over and above the cost of CMC. It also includes for arranging hand tools & tackles, special tools etc. required to carry out the work.

**All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972 etc. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.**

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---

SPICES BOARD  
(Ministry of Commerce & Industry, Govt of India),  
Sugandha Bhavan,  
N H bye-pass, Palarivattom, Kochi 682 025.

**General Terms & Conditions**  
**in bid for supply of**  
**NITROGEN GENERATOR FOR LCMSMS (purity min. 95%, flow rate 25 LPM or above at**  
**atmospheric pressure & max. pressure 100 psi [ 7 BAR])**  
**for Quality Evaluation Laboratory at Narela (Delhi) of Spices Board**  
**(Ref : E file 15263)**

**I. Brief of the bid:**

1. Item : NITROGEN GENERATOR as per specification, attached, compatible for 'Waters' make LCMS
2. Quantity required : 1 No.
3. Delivery period : Shortest possible delivery period shall be quoted
4. Eligibility criteria of bidder : Bidder should have successfully commissioned at least 50 Nitrogen Generators of LCMS of prominent makes in Govt & private sectors during the last five financial years. *(Credentials to this effect, such as successful commissioning report from the users, list of users, etc., have to be furnished along with the other technical documents to be uploaded as part of bid).*

**5. Scope of the Bid :**

**(a)** Supply with one year warranty from the date of successful commissioning, installation and commissioning of Nitrogen Generator with the technical specifications uploaded in the GeM bid, for the LCMS in the Spices Board's Quality Evaluation Laboratory situated at Narela, Delhi

**(b)** Annual Maintenance Contract (AMC) for the 2<sup>nd</sup> & 3<sup>rd</sup> year of successful commissioning, after expiry of warranty period of one year.

**6. Bid Security :** Shall be furnished @ Rs.28,000/-, either

(a) by way of Bank Guarantee drawn in favour of Secretary, Spices Board, where the beneficiary bank shall be **PUNJAB NATIONAL BANK, VENNALA BRANCH, PALARIVATTOM, KOCHI**

*or*

(b) by way of RTGS / NEFT payment to the Spices Board's Receipt Account with the **PUNJAB NATIONAL BANK, VENNALA BRANCH, PALARIVATTOM, KOCHI.**

Scanned image / pdf of the above shall be uploaded with the Bid, along with the other documents. If it

is a Bank Guarantee, original of the same shall be sent by Courier addressed to the SCIENTIST © & QEL in-charge, QUALITY EVALUATION LABORATORY, SPICES BOARD, SUGANDHA BHAVAN, PALARIVATTOM POST, KOCHI 682 025.

This security shall be valid for a period of 45 days beyond the bid validity, and interest shall not be payable on this amount. Exemption is eligible for MSE/Start-ups/KVIC, etc., as per the norms fixed by the Govt., from remittance of this security .

7. **Performance Security** : Shall be furnished by way of Bank Guarantee drawn in favour of Secretary, Spices Board, where the beneficiary bank shall be **PUNJAB NATIONAL BANK, VENNALA BRANCH, PALARIVATTOM, KOCHI**, which shall be valid for a period of completion of all contractual obligations & warranty obligations plus 2 months. This shall be furnished within 15 days of award of contract.

## II. Preparing the Technical Bid:

(1) The Technical Bid should be prepared as **PDF** containing the following sections, and uploaded.

- a. **A T C-1**, i.e., 'Compliance Statement:Technical', duly indicated by tick (☐ ) mark against each of the item, & with signature of the bidder in each page.
- b. The data pertaining to each specification in ATC-3 that requires documentary evidence to substantiate, separated by section, clearly indicating the specification for which data is submitted.
- c. **A T C-2**, i.e., 'Statement of deviation in Technical Compliance'.
- d. **A T C-3**, i.e., 'Split up of the total cost if the Bid amount is inclusive of AMC charge'

(2) Scanned copy of the manufacturer's specification catalogue of the system being quoted. If this is available online in the manufacturer's website, a link to the website will suffice provided it is accessible to the public without any login, for reference.

**Incomplete submission of any of the above in the technical bid will make the submitted bid liable for rejection.**

Contact details and address of the laboratory is given below.

Dr. Dinesh Singh Bisht,  
Scientist (C), Quality Evaluation Laboratory,  
Spices Board (Ministry of Commerce and Industry, Govt. of India)  
Sector A-7, Plot No. 5, Narela, North West Delhi,-110040  
Email: [dinesh.bisht899@nic.in](mailto:dinesh.bisht899@nic.in) , [sbqelnarela@gmail.com](mailto:sbqelnarela@gmail.com)  
Tel: 011-27785378    Mob:9953705642

Sd/-  
Scientist (C)



<b>Technical Specification</b>		
1	Flow rate	25 LPM or above at atmospheric pressure
2	Max outlet Pressure	100 psi (7 bar)
3	Purity of gas	Minimum 95%
4	Filtration	Multistage purification to minimize the moisture content (minimum 2 stage required)
5	On Demand generation	Gas should be supplied on demand, so as to work the generator on schedule
6	Operating Temperature	5°C - 35°C / 41°F - 95°F
7	Technology	(1) Next generation integrated compressor with electronic compressor optimisation technology (for low energy consumption and compressor durability) ECO mode.  (2) High throughput proven membrane technology for nitrogen generator with in-built-compressor. The in-built compressor should be insulated in the compressor compartment to minimize the noise in the lab.  (3) Dew Point of N <sub>2</sub> should be -30°C.  (4) Should have in-built power saving mode.
8	Compressor	In built with 24hrs supply of compressed air to Nitrogen
9	Heat Output	Should release minimal heat as it would be placed in LCMS lab for heat sensitive applications,. Permissible limit is upto 4118 BTU/BTU.
10	Particulates	<0.01µm
11	Phthalates & Suspended Liquids	None (as they may interfere with the samples and as well sometimes reactive).
12	Non-Methane Hydrocarbon Content	< 1 ppm NMHC .
13	Noise Level	< 56dB
14	Safety & Mandatory Certification	CE, CSA for safety in lab use and OEM recommendation letter for usage of N <sub>2</sub> generator with LCMS for sensitive applications of Nitrosamines as per regulations
<b>Other Requirements:</b>		
1	Generator should be approved for the usage by prominent OEM's of the LCMS (such as M/s Waters; M/s Agilent, M/s Thermofisher, etc.), as the mandatory support for application would be provided by the OEM of the LCMS.	
2	Ultra-fast start-up time, quick to reach standard operating purity	
3	Generator should be fitted with requisite safety valves, pressure gauges and solenoid valves	
<b>General Requirements</b>		
1	Serviceability : Vendor must have local stationed and certified engineer in region to ensure direct service support within 24-48 hours of service issues	
2	Demonstration and familiarisation training for the technical hands in the Quality Evaluation Laboratory at Narela shall be extended.	
3	Bidder should have successfully commissioned at least 50 Nitrogen Generators of LCMS of prominent makes in Govt & private sectors during the last 5 financial years.	

	<i>(Credentials to this effect, such as successful commissioning report from the users, list of users, etc., have to be furnished along with the other technical documents to be uploaded as part of bid).</i>
4	WARRANTY : Minimum of 1 (one) year after successful commissioning of the generator
5	AMC : Bid shall cover Annual Maintenance Contract (AMC) for the 2 <sup>nd</sup> & 3 <sup>rd</sup> year, after the warranty period of the 1 <sup>st</sup> year of successful commissioning. Kit for the consumables to be expected to be replaced during the AMC shall be inclusive in the scope of AMC.

Sd/-  
Scientist (C)

STATEMENT OF DEVIATION IN TECHNICAL COMPLIANCE

Make of the offered item :

Model :

Sl. No.	Specifications in GeM Enquiry	Specifications of Quoted Model/Part/ Accessory	Compliance Yes/No	Deviation, if any to be indicated in unambiguous terms (The compliance/ Deviation should be Supported by relevant Technical Literature)	Technical Justification for the deviation, if any. If specification is superior / inferior than that asked for in the enquiry, it should be clearly indicated in the justification
1					
2					
....					
....					
....					

**DECLARATION**

Declared that no other deviations except for the above.

Signature of the authorised official of the bidding company

Seal of the Bidding Company

Date :

*Note : The bid is likely to be rejected unless this document is uploaded in the event of deviation in any of the technical specification given in the enquiry.*



SPLIT UP OF THE COST, IF THE BID AMOUNT IS INCLUSIVE OF AMC CHARGES

<i>Item</i>	<i>Rate (%) of GST considered</i>	<i>Price (Rs.) incl. GST</i>
Nitrogen Generator for LCMS of 'Waters' make, with one year warranty after successful commissioning		
A M C for 2 <sup>nd</sup> year after successful commissioning of the above Generator		
A M C for 3 <sup>rd</sup> year after successful commissioning of the above Generator		
<b><i>T O T A L      B I D   P R I C E</i></b>		

Signature of the authorised official of the bidding company

Seal of the Bidding Company

Date :