बिड संख्या/Bid Number: GEM/2026/B/8279749

दिनांक /Dated: 17-11-2026

बिड दस्तावेज़ / Bid Document

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	08-12-2026 12:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	09-12-2026 12:00:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Ministry Of Commerce And Industry
विभाग का नाम/Department Name	Department Of Commerce
संगठन का नाम/Organisation Name	Spices Board
कार्यालय का नाम/Office Name	Head Office
शिकायत निवारण के संपर्क विवरण/ Contact details of Grievance redressal	HOD Email id :beneeshmon.ap@nic.in Buyer Email id: mohammed.cheriyath@nic.in
कुल मात्रा/Total Quantity	1
वस्तु श्रेणी /Item Category	Laboratory Equipments- Fermenter, Data Management System
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	laboratory equipments- Fermenter, Data management system
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Database Management System Software (V3), Agriculture Monitoring and Automation Systems
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	• Fermentor
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service	3 Year (s)
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है/MSE Relaxation for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है /Startup Relaxation for Years of Experience and Turnover	No

बिड विवरण/Bid Details	
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Past Performance,Certificate (Requested in ATC),Additional Doc 1 (Requested in ATC) *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
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	1
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	3
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
विगत प्रदर्शन /Past Performance	10 %
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	3 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
वित्तीय दस्तावेज की आवश्यकता है / Financial Document Required	Yes
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

आवश्यकता/Required	No

ईपीबीजी विवरण /ePBG Detail

आवश्यकता/Required	No

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमआईआई खरीद वरीयता / MII Purchase Preference

एमआईआई खरीद वरीयता / MII Purchase Preference	Yes
मेक इन इंडिया विक्रेताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में है / Purchase Preference to MII sellers availabele upto price within L1+X%	20
मेक इन इंडिया खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MII purchase preference	50
सार्वजनिक खरीद (मेक-इन-इंडिया को प्राथमिकता) आदेश 2017 के अनुसार केवल क्लास 1/क्लास 2 के स्थानीय आपूर्तिकर्ताओं को ही भागीदारी की अनुमति है दिनांक 16.09.2020 (समय-समय पर संशोधित एवं लागू) / Allow participation only from Class 1/Class 2 local suppliers as per the Public procurement(Preference to Make-in-india) order 2017 date 16.09.2020(as amended and applicable time to time)	Yes, in compliance with the MII ORDER : DPIIT Order(as amended and applicable time to time)

एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं/सेवा प्रदाता को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% / Purchase Preference to MSE OEMs/ Service Provider available upto price within L1+X%	15
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माता/सेवा प्रदाता को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Percentage of Bid quantity/amount for MSE OEMs/ Service Provider Purchase preference	25

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {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 and delivery acceptance certificates like CRAC 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.
2. 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 and its subsequent Orders/Notifications issued by concerned Ministry .Benefits of MSE will be allowed only if seller/service provider is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

3. **Purchase preference to Micro and Small Enterprises (MSEs):** Purchase preference will be given to MSEs having valid Udyam Certificate 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. In respect of bid for Services, the bidder must be the Service provider of the offered Service. 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. 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 in case of product bids, whereas in case of services the eligibility is automatically validated. 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.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.
4. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% 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.

Laboratory Equipments- Fermenter, Data Management System (1 Unit)

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

तकनीकी विशिष्टियाँ /Technical Specifications

क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document	Download

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

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	John Jo Varghese	737102,ICRI,RRS TADONG, SPICES BOARD , NH-10, YAKTHUNG HOUSE, SECOND FLOOR, P.O. TADONG, GANGTOK, EAST SIKKIM, SIKKIM 737102	1	15

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

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 up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be (Increased quantity ÷ Original quantity) × Original delivery period (in days), subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

2. **Buyer Added Bid Specific ATC**

   Buyer uploaded ATC document Click here to view the file.

अस्वीकरण/Disclaimer

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer ,is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid.All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM.If any of the clause(s) is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice or intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents (other than EMD and signed Integrity Pact - which can be submitted within 5 days of bid opening) in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy

of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.

8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.
11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
14. In a category based bid, adding additional items, through buyer added, additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogues or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

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. 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.

All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.

For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (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. and relevant State Rules) shall continue to remain applicable.

The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.

This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.

However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.

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

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।/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.

---धन्यवाद/Thank You---

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SPICES BOARD
(Ministry of Commerce and Industry, Govt. of India)
Sugandha Bhavan, N.H. By Pass, Palarivattom P.O, Cochin – 682025, Kerala, India.
Phone: 0484-2333610-615, Website: www.indianspices.com

PROCUREMENT OF LABORATORY EQUIPMENTS / FACILITIES FOR THE BIOCONTROL LABORATORY, SPICE COMPLEX, SIKKIM

Bid ref no: SB/HO/SC-SKM/QEL/01/2026 /E-23933

Date of issue: 17-November-2026

ISSUING AUTHORITY:
For the Secretary, Spices Board India,
The Assistant Director (Purchase & Establishment)
Spices Board,Sugandha Bhavan, N.H. By Pass,
Palarivattom P.O, Cochin – 682025, Kerala, India.
Phone: 0484-2333610-615

(Hindi version follows)

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1. INTRODUCTION

Spices Board India, Ministry of Commerce & Industry, Government of India, invites online bids from eligible and interested bidders through the Government e-Marketplace (GeM) Portal under a Two-Bid System, comprising Technical Bid and Financial Bid, in accordance with Rule 149 of the General Financial Rules (GFR), 2017, for procurement of Laboratory Equipments /Facilities to be installed in the Bio-Agents block of Quality Evaluation Laboratory, Spice Complex, Sikkim- 737102.

Bidders who are capable of providing the required Laboratory Equipments / Facilities in conformity with the Technical specifications, scope of work, and terms & conditions stipulated in the GeM Bid are invited to participate in the tender process.

The bidders shall submit their bids along with all supporting documents as prescribed in the tender document. It shall be the responsibility of the bidders to ensure that all bid documents are duly completed, signed by the authorized signatory, and uploaded on the GeM Portal within the prescribed date and time specified in the Tender Notice.

2. SCOPE OF THE TENDER:

2.1 Details of Equipments / Facilities Required:-

Sl. No	Equipments	Details	
1.	3L Fermenter	Autoclave Seed Fermenter, with working volume 2.0L.	Technical Specifications are detailed in ANNEXURE-II
2.	25L Fermenter	Insitu Sterilizable Seed Fermenter, with workinng volume 20L.	
3.	500L Fermenter (Main Fermenter)	Insitu Sterilizable with working volume 400L.	
4.	Data Managment System	Mobile module with capacity upto 2TB.	
5.	Data Storage		

2.2 Details of MOC (Material Of Construction) & Make of Main Components of the Equipments:-

Sl.No	Components	MOC	Makes
1.	Manual Diaphragm valve	SS316L with Teflon backed with EPDM	AVCON
2.	Pneumatic Diaphragm valve	-NA-	-NA-
3.	Sampling Valve	SS316L with Teflon backed with EPDM	AVCON
4.	Flush Bottom Valve (Drain Valve)	SS316L with Teflon backed with EPDM	AVCON
5.	Angle Seat Valve	SS304	AIRA
6.	Non- Return Valve	SS316/SS304	AIRA
7.	Ball Valves	SS304	AIRA
8.	Jacket Safety Valves	SS304	AIRA

9.	PH Housing	SS316L	SELF Made
10.	Solenoid Valves	SS304	AIRA/
11.	pH probe & Transmitter	Glass Probe	Broadley James with Self developed pH Transmitter
12.	Pressure Transmitter	-NA-	-NA-
13.	Temperature Sensor	SS316L Body	Self
14.	Pressure Gauge for Vessel	SS316L with Glycerin filled	Baumer/Warie
15.	Pressure Gauge for Jacket	SS304	Baumer/Warie
16.	Inlet/Exhaust Filter	PTFE/ Hydrophobic Type	Master Filter Germany
17.	Filter Housing	SS316L	Self
18.	Rotameter	Acrylic Body	DFlow/ Flowstar
19.	AC Motor and Drive	Motor- Aluminium Casing Drive- Delta	BBL/Delta
20.	Mechanical seal	Silicon Carbon with carbon and SS316L Flanges	Sterling/Hifab
21.	Flow Meter	-NA-	-NA-
22.	Manifolds	Aluminium Body	Airmax
23.	Circulation Pump	SS304 Head	Wilo
24.	PLC & HMI	-NA-	Delta
25.	Software	-NA-	WPL File and DPA File from Delta

INSTRUCTION TO BIDDERS

3. GENERAL CONDITIONS

3.1. **Bid Validity**: The bid shall remain valid for a period as specified in the tender document from the date of opening of the bid.

3.2. **Right to Accept or Reject Bids:** The Procuring Entity reserves the right to accept or reject any or all bids, wholly or partly, without assigning any reason thereof, in accordance with applicable procurement rules.

3.3. **Conditional Bids:** Conditional or incomplete bids are liable to be rejected.

3.4. **Compliance with Tender Conditions:** Bidders shall comply with all the terms and conditions of the Bid document, General Conditions, Additional Terms & Conditions (ATC) and corrigendum, if any.

3.5. **Clarifications:** The Procuring Entity may seek clarifications from bidders during the evaluation process. Failure to respond within the stipulated time may result in rejection of the bid.

3.6. **Sub-contracting:** Sub-contracting of the awarded contract shall not be permitted unless specifically allowed in the tender document.

3.7. **Taxes and Duties:** All applicable taxes, duties, levies and charges shall be borne by the bidder and shall be quoted as per the format prescribed in the tender document.

3.8. **Payment Terms:** Payment shall be made as per the terms and conditions specified in the tender/contract upon satisfactory completion of supply and acceptance by the Procuring Entity.

3.9. **Delivery & Installation:** The bidder shall be responsible for delivery, unloading, installation and commissioning of the items at the consignee location(s), unless otherwise specified.

3.10. **Penalty / Liquidated Damages:** In case of delay in delivery or failure to perform as per the contract, liquidated damages may be levied as per the tender conditions.

3.11. **Force Majeure:** Neither party shall be liable for failure to perform obligations due to force majeure events such as natural calamities, war, strikes, epidemics, or Government restrictions, subject to timely intimation.

3.12. **Termination of Contract:** The Procuring Entity reserves the right to terminate the contract in whole or in part in case of breach of contract, non-performance or violation of terms and conditions.

3.13. **Arbitration / Jurisdiction:** Any dispute arising out of or in connection with the contract shall be subject to arbitration and/or jurisdiction as specified in the tender document.

3.14. **Blacklisting / Debarment:** Bidders who are blacklisted or debarred by any Government Department/PSU shall not be eligible to participate in the tender.

3.15. **Confidentiality:** Bidders shall maintain confidentiality of all information received in connection with the tender and contract.

3.16. **Amendments to Tender:** The Procuring Entity reserves the right to amend the tender conditions by issuing corrigendum/addendum, which shall be binding on all bidders.

3.17. **Signing of ATC Pages:**The bidders shall upload duly signed and stamped copies of all pages of the ATC as a acceptance of the terms and conditions.

3.18. The bids will be opened online by a Committee of members duly constituted for this purpose at the time and date as specified in Tender document/ as per the terms and conditions of the GeM portal.

3.19. The tender is having “TWO BID SYSTEM” i.e. Technical Bid and Financial Bid. The financial bid shall be opened only for those firms who have qualified in the technical bid.

3.20. The Tender document can be downloaded free of cost from the websites https://www.indianspices.com/tenders.html and https://gem.gov.in.

4. ADDITIONAL TERMS & CONDITIONS

4.1. The Technical Bid shall contain all documents specified in the tender. Non-submission of any mandatory document or submission of incomplete information may result in rejection of the bid.

4.2. Bidders shall submit all supporting documents strictly in the format prescribed in Annexure-I. Failure to submit the required documents in the prescribed format or failure to indicate the corresponding page numbers may render the bid non-responsive.

4.3. Bidder must have experience of installing similar system in North Eastern States in turnkey basis and installed more than 3 Units within the last three financial years (2023-2024, 2024,2025, 2025,2026). Relevant work orders should be enclosed with Technical bid. Bidder should have supplied similar bio control laboratory equipments and facilities to at least One Central/State Government organisations/PSUs/Central Autonomous Bodies/Central Statutory bodies in the last three (03) Financial years.

4.4. The bidder shall provide dedicated contact details, including telephone numbers and email addresses for customer support, technical assistance and escalation. The genuineness of such contact details may be verified by the Board during evaluation.

4.5. The gazette notifications, orders and guidelines issued by Government shall be applicable in this procurement.

4.6. The Contract shall be valid for a period of Three (03) years.

4.7. Bidder must be OEM or OEM authorised. In case of authorized dealers OEM Authorization should be submitted along with the technical bid.

4.8. The quoted rates shall remain firm and fixed throughout the contract period . No escalation in rates shall be considered on any account.

4.9. The Spices Board reserves the right to terminate this contract at any time, without assigning any reason, by issuing written notice to the Service Provider.

5. ELIGIBILITY CRITERIA

5.1. **Legal Status:**
The bidder shall be a legally valid entity (Proprietorship Firm/Partnership Firm/LLP/Company) registered in India and shall possess valid registration certificates as applicable.

5.2. **ISO Certification:**
The bidder must be an OEM having an ISO 9001:2015 certified manufacturing facility. A valid ISO 9001:2015 certificate and documentary proof of OEM status/manufacturer authorization shall be submitted along with the bid.

5.3. **Office in North East Region:**

The bidder must have a registered after-sales and service office in the North Eastern Region to provide service support within 24 hours of complaint. Documentary proof of the service office,

complete contact details, and an undertaking for 24-hour response shall be submitted along with the bid.

5.4. **Statutory Registrations:**
The bidder shall possess valid PAN, GST Registration and all other statutory registrations required for carrying out the business. Documentary evidence shall be submitted.

5.5. **Experience:**

Bidder must have experience of installing similar system in North Eastern States in turnkey basis and installed more than 3 Units within the last three financial years (2023-2024, 2024,2025, 2025,2026). Relevant work orders should be enclosed with Technical bid. Bidder should have supplied similar bio control laboratory equipments and facilities to at least One Central/StateGovernment organisations/PSUs/Central Autonomous Bodies/Central Statutory bodies in the last three (03) Financial years.

5.6. **Proof Of Site Visit:**

The bidder shall conduct a site inspection prior to submitting the quotation and shall submit the site inspection report, duly signed by the Site In-charge, along with the quotation as confirmation of the inspection.

5.7. **Training Of Personnel:**
Bidder must arrange and give training/Demonstration to the user for two persons after receiving the PO. The bidder must submit a declaration on its company letterhead confirming compliance with this requirement

5.8. **Warranty:**
The bidder shall provide a minimum warranty of three (03) years from the date of successful installation, commissioning, and acceptance of the Bio Control Agent Production Unit. All supplied equipment, parts, and accessories are covered by the guarantee, which also includes free defect repair or replacement during the warranty period.

5.9. **Business Standing:**
The bidder shall be in active business operation and shall not be under liquidation, bankruptcy, insolvency proceedings or receivership.

5.10. **Blacklisting / Debarment:**
The bidder shall not have been blacklisted, banned or debarred by any Central Government Department, State Government Department, PSU, Autonomous Body, Statutory Authority or Government Agency as on the date of submission of the bid. A self-declaration to this effect shall be submitted.

5.11. **No Conflict of Interest:**
The bidder shall not have any conflict of interest with the Procuring Entity which may affect the transparency or fairness of the procurement process.

5.12. **Acceptance of Tender Conditions:**
The bidder shall submit an undertaking on its letterhead confirming acceptance of all terms and

conditions of the Bid Document, General Conditions, Additional Terms & Conditions and Corrigendum(s), if any.

BIDDING PROCESS

6. HOW TO SUBMIT THE BID

6.1. Bids shall be submitted in two parts, namely, the *Technical Bid* and the *Financial Bid*, as detailed in Annexure I and Annexure II respectively.

6.2. Opening of bids: Technical bid will be opened first and the bidders shall be either accepted or rejected. Thereafter financial bids of only those bidders shall be opened who have qualified in technical bid. The entire process of procurement or outsourcing of service under this Tender Notice shall be made online through GeM as is mandatory" under General Financial Rules, 2017. All Bidders are required to submit their bids online at *https://gem.gov.in/* latest by the date and time mentioned in "Critical dates" below. No facility will be available to drop bids in tender box or to receive bids sent by hand or post or courier. Even if sent or received by any official of this office, the same shall not be considered.

6.3. Technical bid shall contain the following:

i) The bidder must meet the eligibility criteria specified in Chapter 5 above, and the product offered shall conform to the specifications outlined in the bid document.. Unresponsive bids will be summarily rejected

ii) All documents evidencing eligibility have to be attached with technical bid.

iii) Acceptance of Terms and Conditions with signature at the bottom of each page.

6.4. FINANCIAL BID

The Financial Bid shall be submitted exclusively through the GeM Portal. Detailed price breakup of the price quoted shall be uploaded in the format provided in the bid.

Any inclusion of financial information within the Technical Bid will render the bid liable for immediate rejection.

6.4.1. GST Compliance: Bidding prices include GST as per the GeM system. Proof of GST payment must be submitted.

6.4.2. Selection of L1 Bidder: If more than one bidder is ranked L-1 in the GeM portal or multiple L-1 bidders have quoted the same price, the selection amongst the L-1 bidders will be made through Random Algorithm executed by GeM system/ Run L1 Selection' (Auto run) option.

7. CRITICAL DATES

Bid Start date	:	17-11-2026 at 12:00 Hrs
Bid End date	:	08-12-2026 at 12:00 Hrs
Bid Opening date	:	09-12-2026 at 12:00 Hrs

Annexure I: Checklist and Format for Submission of Supporting Documents

Sl.No	Tender Clause	Description	Page Number (as mentioned in the bidder's submitted documents)
1	ATC 4.7	Bidder must be OEM or OEM authorised. In case of authorized dealers OEM Authorization should be submitted along with the technical bid	
2	ATC 5.1	The bidder shall be a legally valid entity (Proprietorship Firm/Partnership Firm/LLP/Company) registered in India and shall possess valid registration certificates as applicable.	
3	ATC 5.2	The bidder must be an OEM having an ISO 9001:2015 certified manufacturing facility.	
4	ATC 5.3	Bidder must have Registered after sales & service office in the North East Region to provide service within 24 hours.	
5	ATC 5.4	The bidder shall submit documentary evidence of valid PAN & GST Registration .	
6	ATC 5.5	Bidder must have experience of installing similar system in North Eastern States in turnkey basis and installed more than 3 Units within the last three financial years (2023-2024, 2024,2025,2025,2026). Relevant work orders should be enclosed with Technical bid. Bidder should have supplied similar bio control laboratory equipments/ facilities to at least(01)OneCentral/StateGovernmentorganisations/PSUs/CentralAutonomous Bodies/Central Statutory bodies in the last three (03) Financial years.	
7	ATC 5.6	Proof of Site Visit report	
8	ATC 5.7	Bidder must arrange and give training/Demonstration to the user for two persons after receiving the PO.	
9	ATC 5.8	Minimum Warranty of Three (03) years from Installation and Acceptance of the equipments for the Bio control agent production unit.	
10	ATC 5.9	The bidder must be actively operating and not under liquidation, bankruptcy, insolvency, or receivership.	
11	ATC 5.10	The bidder must not be blacklisted, banned, or debarred by any Government, PSU, or Statutory Authority as on bid submission date, with a self-declaration.	
12	ATC 5.11	The bidder must have no conflict of interest with the Procuring Entity that could affect transparency or fairness.	
13	ATC 5.12	The bidder must submit a letterhead undertaking accepting all Bid Document terms, General Conditions, Additional Terms & Conditions, and any corrigenda.	

Annexure- II: Technical Specifications for Bio Control Agent Production Unit

Sl. No	Equipments	Features	Technical Specifications
1.	**3L Autoclavable Seed Fermenter** Supply of 3 L total capacity and 2 L working capacity autoclavable seed fermenter with borosilicate glass vessel and SS 316L top plate. The system shall be PLC-based, with a 7-inch touch-screen HMI for monitoring and controlling temperature, pH, agitation, feed and dissolved oxygen (DO).	a) **Total Volume**	3.0L
		b) **Working Volume**	2.0L
		c) (MOC)Vessel	Autoclavable Borosilicate Glass
		d) (MOC)Top Plate	SS316L with RA <=0.4
		e) Baffles	SS316L removable
		f) Sparger	Ring Sparger
		h) Ports	Ports for pH/ DO/ Heater/Temperature Sensor/ Foam/ Level/ Addition Nozzles/ Sparger/Sampling provided on Top Plate
		Agitator	
		a) Drive	Magnetic Driven
		b) Range	50 - 800 RPM
		c) Control	PID control; manual, automatic
		d) Impellers	Rushton-style standard with fermentation system
		e) Baffles	Removable 316L stainless steel
		Aeration	
		a) Rotameter	0 to 3 LPM for Air
		b) Air Pump	Integrated oil free Air Pump
		c) Sparger	Ring Sparger with fine holes on the bottom of the ring
		d) Inlet air filter	0.2 µm Absolute filter, Autoclavable Type
		e) Exhaust air filter	0.2 µm Absolute filter, Autoclavable Type
		f) Condenser	Stainless steel counter flow Shell in Tube Type
		Instrumentation	
		Temperature Control System	
		a) Range	Upto 60 Degree C
		b) Temp. sensor	Pt100
		c) Measurement precision	±0.1 °C
		d) Control precision	± 0.2 °C (up to 40° C)
		e) Heating	With cartridge type Heater fitted in the Pocket provided on the top plate

		f) Cooling	By circulation of Chilled Water in the Jacket and having supply of chilled water.
		pH Monitoring and Control	
		a) Type	Gel filled
		b) Sterilizable/ Autoclavble	Yes
		c) Make	Broadley James
		d) Range	0-14 pH
		e) Timer	Acid and Base Timer
		f) Peristaltic Pump	2 Nos. fixed speed pump
		Feed Control	
		a) Peristaltic pumps	1 no.
		b) Type	Time proportionate control with one number Peristaltic pump
2.	**<u>25L Fermenters-Insitu Sterilizable Seed Fermenter</u>** The Fermenter panel is PLC based system with 7" Touch Screen HMI display and having measurement and control for Temperature/ Sterilization/ Agitation and pH	a) Total Volume	25L
		b) Working Volume	20L
		Design	
		a) Working pressure	3.0 Kg/cm2/Full vacuum
		b) Design Pressure	3.75Kg/cm2/Full Vacuum
		c) Working Temperature	15 to 130 deg. C
		d) Design Temperature	0 to 150 deg. C
		Material of Construction	
		Vessel	
		a) Material of Construction	SS316L
		b) Thickness	4mm
		c) Inner Surface	220 grit Finished & mirror polished Ra<0.8 micron
		Jacket	
		a) Material of Construction	SS- 304
		b) Thickness	4 mm
		c) Inner Surface	220 grit Finished & mirror polished Ra<0.8 micron
		Top Flange	
		a) Thickness	16mm, M.O.C.-SS 316L
		Air Sparger	
		a) Seamless Pipe	DN 1/4 ", SS-316L
		Ports	

		a) Size	19 mm(3nos.), M.O.C.—SS-316L
		Multi Channel port for Acid /Base, 1 No	
		Addition Port	
		Air Outlet Port	
		a) Size	20 mm S-316L
		Light Glass Assembly	
		a) Size	30mm View Area SS-316L
		Sight Glass Assembly	
		a) Size	30 mm x 150 mm M.O.C.-SS 316L
		b) Glass Thickness	10mm
		Side Ports	
		a) 4 Nos. for Temp., DO, pH& Sample Port	25mm M.O.C.-SS 316L
		Bottom Dish	
		a) Thickness	4 mm M.O.C.-SS-316L
		Drain -diaphragm valve	1”, M.O.C.-SS316L
		Sampling-diaphragm valve	¼” MOC 316L, with SIP
		DRIVE	
		a) Type	Top Driven, Single Mechanical Seal
		b) Motor	Flanged, 1 hp (Direct Drive, IP-65)
		c) RPM	50-300
		IMPELLER 40% of the Vessel Diameter, Baffles will be 10% of the Dia.	
		a) Type	Ruston turbine
		b) No of Impeller	3 Nos. (Adjustable)
		c) No of Blades	6 Nos
		d) Shaft Dia.	25 mm
		Baffles	4 Nos., 10% of the Vessel Dia
		Bearing Assembly	Double Bearing
		O rings	EPDM/Silicone
		Rota meter	
		a) Specification	0-30 LPM
		b) Pipeline	1/2’’, SS 316
		Air Filter	
		a) Inlet filter	0.2 micron, PTFE, size : 5”
		b) Outlet Filter	0.2 micron, PTFE, size : 5”

		c) Type	Cartridge
		d) Sterilizable	Yes
		Filter Housing	
		a) Size	5”, M.O.C.-SS 316L
		Instrumentation	
		Temperature & Sterilization Control System	
		a) Type	Automatic
		b) Temp. sensor	Pt.-100, 19mm, SS-316L port
		c) Temp. Indicator	0- 150.0 Degree Celsius
		d) Heating Assembly	SS-304
		e) Electronic Control station	PLC based control, color touch screen HMI.
		Digital Temp. Control	
		a) Range	0-60 deg C
		b) Measurement precision	± 0.1 °C
		c) Control precision	± 0.2 °C (up to 40° C)
		d) Control Type	PID
		e) Control Loop	Temperature control with Circulation of Chilled water for cooling or heating with circulation pump and heat exchanger
		Sterilization Control	
		a) Range	0-150 deg. C
		b) Timer	0-60 Min
		c) Type	Automatic
		d) Filter Sterilization	Manual Filter Sterilization (Automatic Filter Sterilization will be at Additional Cost)
		Agitation Control	
		a) RPM	50 to 300
		b) Control	With 1hp VFD
		Automatic pH Measurement and control	
		a) Range	0-14 Ph
		b) pH Sensor	120mm,Sterilizable type
		c) Make	Broadley James
		d) Peristaltic Pumps	2 Nos, fixed speed for addition of acid and base
		Feed Control	
		a) Peristaltic pumps	1 no.

		Data Logging	Built-in HMI data logging with USB export to Excel for further processing; customizable logging interval from 1 to 99 minutes.
3.	**<u>500L Fermenter- Insitu Sterilizable Main Fermenter</u>** The Fermenter panel is PLC based system with 7" Touch Screen HMI display and having measurement and control for Temperature/ Sterilization/ Agitation and pH.	a) Total Volume	500L
		b) Working Volume	400L
		Design	
		a) Working pressure	3.0 Kg/cm2/Full vacuum
		b) Design Pressure	3.75Kg/cm2/Full Vacuum
		c) Working Temperature	15 to 130 deg. C
		d) Design Temperature	0 to 150 deg. C
		Material of Construction	
		Vessel	
		a) Material of Construction	SS316L
		b) Thickness	4mm
		c) Inner Surface	220 grit Finished & mirror polished Ra<0.8 micron
		Jacket	
		a) Material of Construction	SS- 304
		b) Thickness	4 mm
		c) Inner Surface	220 grit Finished & mirror polished Ra<0.8 micron
		Top Flange	
		a) Thickness	16mm, M.O.C.-SS 316L
		Air Sparger	
		a) Seamless Pipe	DN 1/4 ", SS-316L
		Ports	
		a) Size	19 mm(3nos.), M.O.C.—SS-316L
		Multi Channel port for Acid /Base, 1 No	
		Addition Port	
		Air Outlet Port	
		a) Size	20 mm S-316L
		Light Glass Assembly	
		a) Size	50 mm View Area SS-316L
		Sight Glass Assembly	
		a) Size	75 mm View area M.O.C.-SS 316L

		b) Glass Thickness	10mm
		Side Ports	
		a) 4 Nos. for Temp., DO, pH& Sample Port	25mm M.O.C.-SS 316L
		Bottom Dish	
		a) Thickness	5 mm M.O.C.-SS-316L
		Bottom Flush Valve	1”, M.O.C.-SS316L
		Sampling Valve Assembly	¼” MOC 316L, with SIP
		DRIVE	
		a) Type	Top Driven, Single Mechanical Seal
		b) Motor	Flanged, 5 hp (Direct Drive, IP-65)
		c) RPM	50-300
		IMPELLER 40% of the Vessel Diameter, Baffles will be 10% of the Dia.	
		a) Type	Ruston turbine
		b) No of Impeller	3 Nos. (Adjustable)
		c) No of Blades	6 Nos
		d) Shaft Dia.	25 mm
		Baffles	4 Nos., 10% of the Vessel Dia
		Bearing Assembly	Double Bearing
		O rings	EPDM/Silicone
		Rota meter	
		a) Specification	0-500 LPM
		b) Pipeline	1/2’’, SS 316
		Air Filter	
		a) Inlet filter	0.2 micron, PTFE, size : 5”
		b) Outlet Filter	0.2 micron, PTFE, size : 5”
		c) Type	Cartridge
		d) Sterilizable	Yes
		Filter Housing	
		a) Size	5”, M.O.C.-SS 316L
		Instrumentation	
		Temperature & Sterilization Control System	
		a) Type	Automatic
		b) Temp. sensor	Pt.-100, 19mm, SS-316L port
		c) Temp. Indicator	0- 150.0 Degree Celsius
		d) Heating Assembly	SS-304

		e) Electronic Control station	PLC based control, color touch screen HMI.
		Digital Temp. Control	
		a) Range	0-60 deg C
		b) Measurement precision	± 0.1 °C
		c) Control precision	± 0.2 °C (up to 40° C)
		d) Control Type	PID
		e) Control Loop	Temperature control with Circulation of Chilled water for cooling or heating with circulation pump and heat exchanger
		Sterilization Control	
		a) Range	0-150 deg. C
		b) Timer	0-60 Min
		c) Type	Automatic
		d) Filter Sterilization	Manual Filter Sterilization (Automatic Filter Sterilization will be at Additional Cost)
		Agitation Control	
		a) RPM	50 to 300
		b) Control	With 1hp VFD
		Automatic pH Measurement and control	
		a) Range	0-14 Ph
		b) pH Sensor	120mm,Sterilizable type
		c) Make	Broadley James
		d) Peristaltic Pumps	2 Nos, fixed speed for addition of acid and base
		Feed Control	
		a) Peristaltic pumps	1 no.
		Data Logging	Built-in HMI data logging with USB export to Excel for further processing; customizable logging interval from 1 to 99 minutes.
4.	**<u>Utilities for 500L and 25L</u>**		
	a) Boiler/Steam Generator: Complete with Auto cut-off Switch, Pressure Indicator,	a) MOC	SS304 for contact part
		b) Steam Generation	55 Kg/hr
		c) Type	Electrical

	Level for Auto filling and Filling Pump	d) Power Consumption	36KW
	b) Water cooling Tower for 500 Liter Fermenter capacity:	a) MOC	FRP
		b) Capacity	40TR
		c) Supply Phase	Three Phase
		d) Fan Diameter	900
		e) Fan RPM	960 RPM
		f) Flow Rate	400lpm
		g) Inlet temperature	37
		h) Outlet temperature	32
		i) Motor Power	2hp
		j) Supply Voltage	415V/50 Hz./3 Phase
	c) Air Compressor:	a) Capacity	5HP
		b) Storage Tank	200 Litre
		c) Fitted with Pressure gauge/pressure switch to automatically Switch ON/OFF with safety valves, Motor starter, air filter, Non-return valve.	
5.	**<u>Data Management System</u>**	a) Mobile module	4G LTE Cat 4 up to 150 DL/50 UL Mbps; 3G up to 21 DL/5.76 UL Mbps; 2G up to 236.8 DL/236.8 UL kbps
		b) 3GPP Release	Release 9
		c) SIM switch	2 SIM cards, auto-switch cases: weak signal, data limit, SMS limit, roaming, no network, network denied, data connection fail, SIM idle protection
		d) Status	IMSI, ICCID, operator, operator state, data connection state, network type, bandwidth, connected band, signal strength (RSSI), SINR, RSRP, RSRQ, EC/IO, RSCP, data sent/received, LAC, TAC, cell ID, ARFCN, UARFCN, EARFCN, MCC, and MNC.
		e) SMS	SMS status, SMS configuration, send/read SMS via HTTP POST/GET, EMAIL to SMS, SMS to EMAIL, SMS to HTTP, SMS to SMS, scheduled SMS, SMS autoreply, SMPP.
		f) USSD	Supports sending and reading

			Unstructured Supplementary Service Data messages.
		g) Block/Allow list	Operator block/allow list (by country or separate operators)
		h) Band management	Band lock, Used band status display
		i) SIM idle protection service	When working with devices with two SIM slots, the one not currently in use will remain idle until the device switches to it, meaning that no data is used on the card until then.
		j) SIM PIN code management	SIM PIN code management enables setting, changing, or disabling the SIM card's PIN
		h) APN	Auto APN
		i) Bridge	Direct connection (bridge) between mobile ISP and device on LAN
		j) Passthrough	Router assigns its mobile WAN IP address to another device on LAN
		Firmware /Configuration	
		a) WEB UI	Update FW from file, check FW on server, configuration profiles, configuration backup
		b) FOTA	Update FW
		c) RMS	Update FW/configuration for multiple devices at once
		d) Keep settings	Update FW without losing current configuration
		e) Factory settings reset	A full factory reset restores all system settings, including the IP address, PIN, and user data to the default manufacturer's configuration.
		Firmware Customization	
		a) Operating system	RutOS (OpenWrt based Linux OS)
		b) Supported languages	Busybox shell, Lua, C, C++
		c) Development tools	SDK package with build environment provided
		d) GPL customization	You can create your own custom, branded firmware and web page application by changing colours, logos, and other elements in our firmware to fit your or your

			client's needs
		e) Package Manager	The Package Manager is a service used to install additional software on the device
		Serial	
		a) RS232	RS232 interface without flow control signals
		b) RS485	Half duplex (2-wire) RS485 interface
		Input/Output	
		a) Events	Email, RMS, SMS
		SD Card	
		a) Physical size	Micro SD (internal)
		b) Applications	Samba share
		c) Capacity	Up to 2 TB
		d) Storage Formats	FAT32, NTFS, ext2, ext3, ext4

6 **Data Storage:**

- The Datalogger should be microprocessor based. There should be a facility to configure the Datalogger as per the requirement in the field using SMARTPHONE.
- The design of the Datalogger should be modular and the replacement of the modules should be easy and user friendly.
- The Datalogger should have least tuning parts (preferably none) and should provide consistent performance for at least 5 years.
- The Datalogger should be enclosed in a NEMA-IV enclosure.
- All the connections from or to the Datalogger should be inside the NEMA-IV enclosure.
- The complete technical manual, user manual and specially developed software's (if any) source code should be provided.
- It should be possible to integrate the sensors of any other make with Analog/Frequency/Counter/SDI-12/RS485/RS 232 port of data logger. Company will help the users to configure the datalogger as per the requirement.
- Data logger should support measurement upto 32 Nos
- Data Logger should have Analog Input: 5 numbers (2 Single ended, 2 Differential and 1 4-20mA).
- Data Logger should have Digital Input: 2 Nos and Output: 1 No.
- Data Logger should have 2 Nos (+12V and switched +12V) Excitation Channel
- Must have built-in measurement circuitry to handle sensors commonly used.
- Datalogger must have SDI-12 support functions.
- Datalogger must have real-time data views and diagnostic logs.
- Memory of the data logger should be sufficient to store minimum 10,00,000 readings, expandable to 32GB
- Must have Python scripting functionality for complex equations, meta data calculations and data formatting.
- Simple and intuitive software to configure the datalogger.
- Must have single and dual point calibration methods.
- Must have programmable measurement interval of 1.0 seconds to 24 hours.
- Datalogger must have internal real-time clock with battery backup. (accuracy ± 26 sec/month (typical)).

	• Must have wide operating temperature (-40 to +70°C). • Datalogger should have Wi-Fi for configuration and data visualization using mobile handset. • Must have low-power circuitry for long-life battery operation. • Power supply: 9 to 20VDC. • Data Logger should have Current Drain <1mA when in standby, <50mA when active • Must have RS485, RS232, USB for interface. • Option of Plug and play modem cards allow for easy installation/upgrade of cellular/telecom technologies and reduced modem setup time with automatic modem recognition. • Must have Plug-in USB flash drive (Type A Host) for data download. • Must have Support for internet protocols HTTP, TCP/IP, FTP and SMS. • Programming: Free Graphical User Interface Software to configure the datalogger and manual download of • stored data. • Removable Terminal Strip for powering up/down the datalogger. • Should compact data logger with footprint of dimension 11.4 x 15.8 x 4.1cm to accumulate inside the • enclosure for better handling .

Annexure- III: Acceptance of Bid

I/We……..
….(Name and address of the Bidder / firm) have carefully read the terms and conditions of the bid and agree to abide by these in letter and spirit. The decision of the Competent Authority to the Spices Board on any dispute arising out of the offer shall be binding on me / us.

Place :-

Date :- Name & Signature of the Bidder,

Annexure- IV :**Self-declaration Certificate**

(Company Letterhead signed and stamped by the authorized signatory)

Date:

I/We hereby declare that:

(i) I/We have not been debarred or blacklisted under any provision of General Financial Rules or any other statute, Rules or regulations by any authority including Spices Board.

(ii) I/We have no conflict of interest with the Procuring Entity.

(iii) If selected, I/We shall confirm my/our preparedness to provide the items with in 15 days of the Work Order.

(iv) I/ We agree with all the terms and conditions as mentioned in the tender notice and as testimony of my/our agreement I/ We put my/our signature below each page I/We hereby certify that the information furnished above is true and correct to the best my/our knowledge. I/We understand that in case any deviation is found in the above statement at any stage, I/We will be blacklisted for this tender and for a further time as stipulated in the law and will not have any dealing with the Spices Board in future.

Yours Faithfully,

(For and on behalf of Name of the bidder)

Signature
Name:
Designation: