

TENDER DOCUMENT

**(PURCHASE OF ETHYLENE DIGITAL
DETECTOR)**

2022-23



ICAR – CENTRAL INSTITUTE FOR COTTON RESEARCH

POSTAL ADD: POST BAG NO.2, SHANKAR NAGAR POST OFFICE, NAGPUR - 440010



ISO 9001 – 2015 Certified

**Location of the Institute: Near Khapri Phata, Panjari Farm,
Wardha Road, Nagpur - 441108**

(Phone No. 07103 – 275637 / 38 / 39, Fax : 07103-275529)

Website: www.cicr.org.in, E-mail: cicrnagpur@gmail.com



भा.कृ.अनु.प. - केन्द्रीय कपास अनुसंधान संस्थान
पोस्ट बैग सं. 2, शंकरनगर पोस्ट ऑफिस, नागपुर - 440010

ICAR - CENTRAL INSTITUTE FOR COTTON RESEARCH

POST BAG NO 2, SHANKAR NAGAR POST OFFICE NAGPUR - 440 010(M.S) INDIA
Tel. Phone: 07103-275536, Fax: 07103-275529, EPBAX: 07103275637/38/39/49/17

Website: www.cicr.org.in, E-mail: cicrnagpur@gmail.com

{Location: Near Khapari Phata, Panjari, Wardha Road, Nagpur - 441 108}



An ISO 9001-2015 Certified

GST No. 27AAAI1830P3ZH

F. No. (13)St/DST-SERB-EEQ/Eth. Detector/HQ NGP/2022-23

Date: 27.01.2023

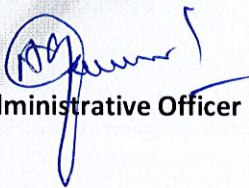
NOTICE INVITING E-TENDER

Online bids are invited by Director, ICAR-CICR, Nagpur in two bid system i.e. **Technical Bid** and **Financial Bid** through e-procurement system from manufacturers/firms/ authorized dealers of Indian/foreign manufacturers **on FOB, CIF and CIP basis for Imported equipments and FOR basis for the purchase of Ethylene Digital Detector** at ICAR-CICR, Nagpur.

Sl. No.	Name of the Equipment	EMD (Rs.)	Tender Fee (DD) (Rs)
1	Ethylene Digital Detector – 01 Nos. (Detailed specification in Annexure - A)	13,500/-	NIL

Note: EMD Calculated @3% of the Budgeted amount.

Date of release of Tender through e-procurement	27.01.2023 at 14:00 Hrs.
Bid Submission Start date/time	27.01.2023 at 15.00 Hrs.
Last date & time for submission of bid	16.02.2023 at 12:00 Hrs.
Date & Time for opening of technical bid	17.02.2023 at 14.00 Hrs.


Chief Administrative Officer

Important Notes:

1. Tender Documents can be downloaded from ICAR-CICR website www.cicr.org.in or from Central Public Procurement Portal www.eprocure.gov.in. Bidders should enroll / register in the e-procurement module of Central Public Procurement Portal through the website: www.eprocure.gov.in. Bidders should also possess a valid DSC for online submission of bids.
2. Bids received on e-tendering portal only will be considered. Bids in any other form sent through sealed cover/email/post/fax etc. will be rejected.
3. ICAR-CICR, Nagpur reserves the right to accept / reject any /all tenders in part /full without assigning any reason thereof.
4. ICAR- CICR will not be responsible for any delay in enrolment/registration as bidder or submitting/uploading the offer on e-tender portal. Hence, bidders are advised to register in e-tendering website www.eprocure.gov.in and enroll their Digital Signature Certificate and upload their quotation well in advance.
5. Any changes/corrigendum/ extension of opening date in respect of this tender shall be issued through websites only and no press notification will be issued in this regard. Bidders are therefore requested to regularly visit our website for updates.

INSTRUCTION TO THE TENDERERS

The Tender shall be submitted in accordance with these instructions and any tender not confirming the instructions as under is liable to be rejected. These instructions shall form the part of the tender and contract.

1. For Online Bid Submission, as per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL:<http://eprocure.gov.in/eprocure/app>). The bidders are required to submit soft copies of their bids electronically on the CPP Portal using valid Digital Signature Certificates. More information useful for submitting online bids on the CPP Portal may be obtained at www.eprocure.gov.in/eprocure/app.
2. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL:<http://eprocure.gov.in/eprocure/app>) by clicking on the link
"Click here to Enroll". Enrolment on the CPP Portal is free of charge.
3. The manufacturers/authorized distributors/dealers shall upload a self-declaration on their letterhead as PDF file in Cover-I of e-tender, along with the tender documents, confirming that they are regular in manufacturing/supplying of the item.
4. 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 formats. Bid documents may be scanned with 100 dpi with black and white option.
5. The Technical Bids will be opened as per schedule given on portal. The date & time for opening of Financial Bids will be notified on the portal. The bidders may regularly check the portal regarding the date of opening of financial bid.
6. While submitting the tender, if any of the prescribed conditions are not fulfilled or are incomplete in any form, the tender is liable to be rejected. If any Tenderer stipulates any condition of his own, such conditional tender is liable to be rejected.
7. Director, ICAR-CICR, reserves the right to reject any tender/bid wholly or partly without assigning any reason.
8. All the tender documents & Price Bid to be uploaded as per this tender are to be digitally signed by the bidder.

Other terms and conditions:

1. Validity of tenders should be 180 days from the date of opening of the tenders.
2. All the tenderers should give an undertaking that they would render after sales service of the equipment/machine and will supply all spares/consumable for at least 10 years from the date of installation of the same.
3. Full bidding/tender document attached herewith must be signed by bidder.
4. Warranty/guarantee period of the equipment/machine should invariably be specified separately as per specifications of equipment.

5. Comprehensive & Non-comprehensive AMC for 3 years should be quoted separately
6. The firm qualifying technical specification may be asked to demonstrate the performance/working of the quoted model of the equipment/machinery, if needed.
7. The tenderers should quote their rates of imported equipments/machine on **FOB, CIF and CIP basis**. If tender quotes some parts made in India, their rates should be quoted in Indian Rupees.
8. Indian Agency Commission (IAC) may be quoted as certain percentage (say 5% to 10%) of the price of imported component of goods & quoted on CIP (Nagpur) basis.
9. Price schedule must be properly filled in for each equipment based on its Foreign/ Indian components/parts & related service, otherwise bid may be rejected.
10. The inferior supply not meeting the prescribed Technical Specifications will be rejected at no cost to this centre.
11. No CDEC will be issued to the firm who quoted the item in Indian Rupees.

12. Qualification Criteria:

- i. Technical proposals submission letter on the letterhead of the firm clearly indexing the enclosures.
- ii. Compliance statement certificate for the technical specification of the equipment (as per attached annexure-A).
- iii. Technical literature/brochure (Original copy), etc. of the equipment/machinery offered by the firm and list of customers/user with their detailed addresses including telephone no./e-mail ID to whom such machine has been sold/supplied in India should be sent along with the tender form.
- iv. Satisfactory performance certificate of equipment from any three-government organization (as on date).
- v. Original Tender document duly stamped & signed on each page, as a token of acceptance of all terms and conditions laid down in the tender document.
- vi. **An undertaking as per attached Format (Schedule – II) duly attested by Notary on a non-judicial stamp paper of value of Rs. 100/- (Rupees One Hundred Only) regarding their non-blacklisting by any of the Government Departments, Public Sector Undertakings and/or by Central Vigilance commission during the last three years.**
- iii. Detailed profile of the Company, Articles/Memorandum of Association.
- iv. Latest GST Clearance certificate.
- v. **Copy of PAN Card, Authorization & ISO Certificate, GST Registration Certificate, and company Registration Certificate. The company should operate in the same name and style at least for the last three years.**
- vi. **Valid Authorization letter from the Principal must be enclosed.**
- vii. **Balance Sheet, Profit & Loss Account of the last year should be attached dully certified by CA.**

viii. IT returns filed for past 3 Assessment Year.

13. Delivery Schedule:

- i. Within 75 days from the date of opening of clear and acceptable Letter of Credit for imported goods/components.
- ii. Within 45 days from date of issuing of purchase order for Indian goods/components.

14. Terms of Delivery and Destination:

- i. C.I.P. (Destination: Nagpur) and FOB for port of shipment (price may be quoted for F.O.B. and C.I.P. for imported goods/components).
 - ii. F.O.R. for CICR, Nagpur for Indian goods.
15. A valid certificate of authorization in the format enclosed with the tender from the Principal firm must be enclosed by the Indian agents/firms quoting rates on behalf of their Principal. ***One agent cannot represent two suppliers.***
16. In case of imported equipment, Principal firm should give guarantee for after sales service of their equipment through their agent/authorized dealer located in India.
17. If the Indian agent is changed, it would be responsibility of the Principal firm to ensure to intimate the CICR office about their changed agent in India and ensure after sale service through him.
18. If handling of the equipment requires training of the lab technician/scientist, the same will have to be provided in India either at the Institute or their Indian establishment, as the case may be, free of cost.
19. The tenders received late will be rejected. Check list (attached with tender document) should be filled & signed by the tenderer.
20. Other terms and conditions, if any, will be supplied along with the tender forms.
21. The Director, CICR, Nagpur reserves right to accept/reject any or all the tenders without assigning any reasons.
22. Firms registered under NSIC are exempted from the payment of tender fee and EMD.
23. Any tender not accompanied by Earnest Money will be straight way rejected.
- 24. Liquidated Damages:**

Subject to GCC Clause 25, if the supplier fails to deliver any or all of the goods or perform the services within the time period[s] specified in the contract, the purchaser shall without prejudice to its other remedies under the contract, deduct from the contract price as liquidated damages, a sum equivalent to 0.5% (half percent) of the delivered price of the delayed goods or unperformed services for each week of delay or part thereof until actual delivery or performance up to a maximum deduction of 10% (ten percent) of the delayed goods or Services contract price. Once the maximum is reached the purchaser may consider termination of the contract if the same have not been terminated already.

Further, during the above mentioned delayed period of supply and/or performance, the supplier, notwithstanding any stipulation in the contract for increase in price for any ground shall not be entitled to any increase in price and cost whatsoever, which take place during the period of delay. But, nevertheless, the purchaser shall be entitled to the benefit any decrease in price and cost on any ground during that period of delay

25. Performance Security:

- i. Within thirty (30) days, the successful tenderer shall furnish to the purchaser the **Security Deposit equivalent to 5%** of the equipment cost.
- ii. The Security Deposit shall be in one of the following forms: (a) Bank Guarantee, issued by a reputed bank or a FDR/Demand Draft payable at Nagpur and drawn in favour of "**The Director, ICAR-CICR, Nagpur**".
- iii. Failure of the successful Tenderer/bidder to sign the contract and/or furnish the Security Deposit shall constitute sufficient grounds for the annulment of the award and forfeiture of the Earnest Money, in which event the Purchaser may make the award to the next lowest evaluated Tenderer or call for new tenders.
- iv. The Security Deposit will be discharged by the purchaser and returned to the Supplier following the date of completion of the Supplier's performance obligations under the contract, including any warranty obligations after receiving agreement letter.

25. Incidental Services:

- i. The supplier may be required to provide any or all of the following services, including additional services, as specified in Technical Specifications:
- ii. Performance or supervision of on-site installation, etc. Of the system. B) Furnishing of tools required for assembly and/or maintenance of the System.
- iii. Furnishing of detailed operations and maintenance manual for each appropriate unit of system.

26. Transportation:

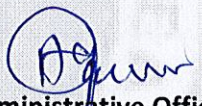
The transportation costs etc. To transport the equipment to the consignee's place shall be borne by the tenderer.

27. Dispute Resolution Mechanism:

If any dispute or difference arises between the purchaser and the supplier relating to any matter connected with the contract, the parties shall make every effort to resolve the same amicably by mutual discussions. However, if the parties fail to resolve the dispute or difference by such mutual discussion within 30 days, either the purchaser or the supplier may give notice to the other party of its intention to refer the same to arbitration. The arbitration shall commence thereafter. The arbitration shall be conducted by a sole arbitrator, who will be appointed by the Secretary, ICAR and the procedure to be followed in this respect will be as per the Indian Arbitration and Conciliation Act, 1996. The venue of the arbitration shall be the place from where the contract is issued.

28. You are also required to fulfil the following conditions and furnish the details as indicated in subsequent paragraphs.

- a) At the time of awarding the contract/order, the purchaser reserves the right to increase or decrease the quantity of goods, without any change in the unit price or other terms & conditions.
 - b) Please indicate if you are currently registered with any Govt. Organization and if registered, furnish all relevant details.
 - c) Please states whether business dealings with you presently stand banned by any Government organization and if so, furnish relevant details.
 - d) A supplier/ manufacturer shall not submit more than one quotation for the same set of goods.
 - e) The supplier shall at all times indemnify the purchaser, at no cost to the purchaser, against all third party claims of infringement of patent, trademark or industrial design rights arising from the use of the goods or any part thereof, with respect to the goods quoted by the supplier in its offer.
 - f) The quotation (s) as well as the contract shall be written in Hindi/English language.
 - g) The contract shall be governed by the laws of India and interpreted in accordance with such laws.
 - h) The Director, ICAR-CICR, Nagpur reserves the right to reject any tender in part or full without assigning any reason thereof.
29. **Contract:** The technically qualified vendor who is awarded the order will have to submit acceptance letter within 15 days of issue of order and will supply material within the stipulated time given in purchase order as per the quoted specifications.


Chief Administrative Officer
For and on behalf of the Director
ICAR – CICR P.B.No.2, Shankar Nagar,
Post office, Nagpur- 440010

Check list for Tenderer

The tenderer is requested to kindly submit the check list alongwith the tender failing which tender will not be consider.

Sl. No.	Documents should attached	Page no. Where document Attached
1	Detailed profile of the Company, Articles/ Memorandum of Association	
2	Compliance statement certificate for the technical specification of Ethylene Digital Detector (as per attached annexure-A)	
3	Scan Copy of GST Registration, PAN, ISO Registration, and company Registration Certificate.	
4	Scan copy of Earnest Money Deposit by way of Demand Draft	
5	Scan Copy of EMD exemption of claiming	
6	Self-declaration in letter-head that they are regular in manufacturing/supplying of Ethylene Digital Detector	
7	Details of supplies Ethylene Digital Detector to Govt./PSU other organization(s) in last 5 years	
8	Scan copy of Authorization letter	
9	Scan copy of Annual turnover for last year	
10	Balance Sheet, Profit & Loss Account of the last year should be attached dully certified by CA	
11	IT returns filed for past 3 Assessment Year	
12	User list for Ethylene Digital Detector with contact details to be furnished	
13	Satisfactory Performance certificate of Ethylene Digital Detector from any 3-government organization (as on date)	
14	Technical literature/brochure (Original Copy) & details of same available on website of the Ethylene Digital Detector by the firm	
15	An undertaking as per attached Format (Annexure – I) duly attested by Notary on a non-judicial stamp paper of value of Rs. 100/- (Rupees One Hundred Only) regarding their non-blacklisting by any of the Govt. Departments, Public Sector Undertakings and/or by Central Vigilance commission during the last three years	
16	Tender Acceptance Letter (Annexure – II)	

Authorized Signatory with seal/stamp

ONLINE BID SUBMISSION DETAILS

Online Bid Submission:

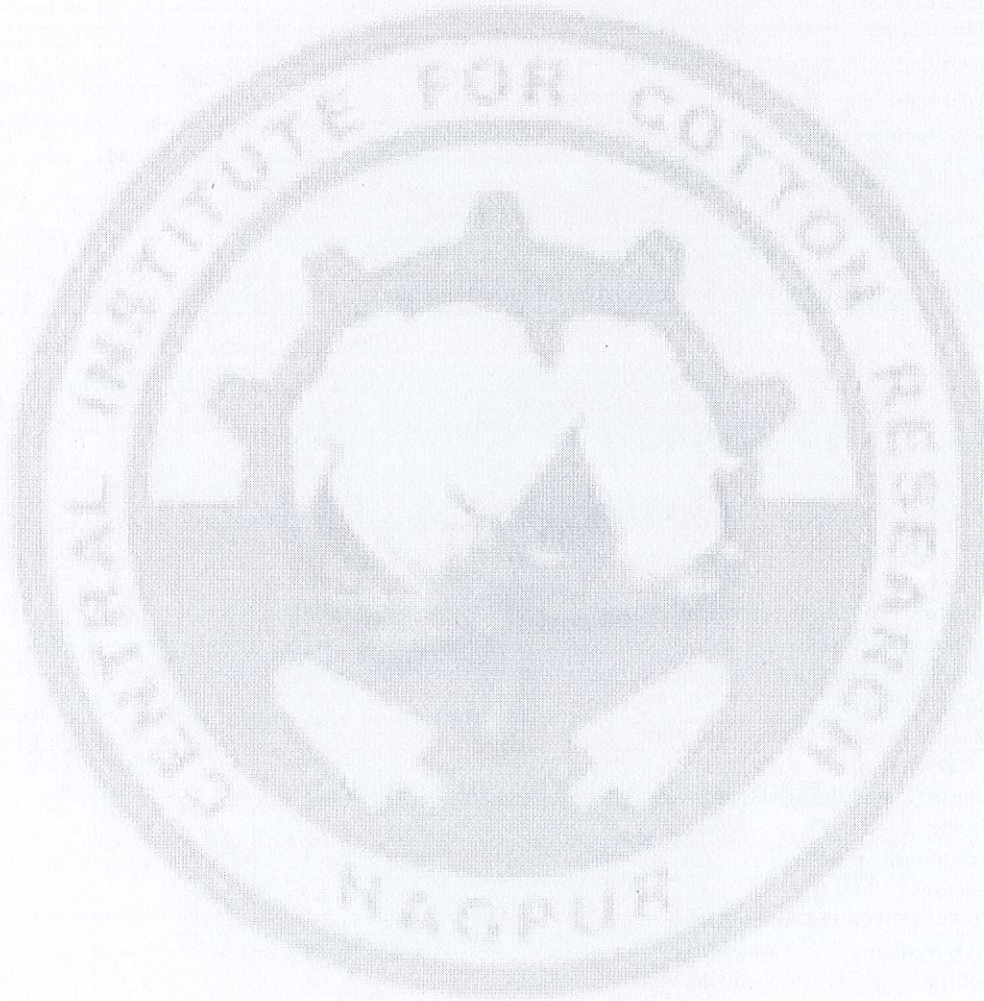
The Online bids (complete in all respect) must be uploaded online in Two Covers as explained below: -

COVER – I (Following documents to be provided as PDF file)			
Sl. No.	Documents	Content	File Types
1		Detailed profile of the Company, Articles/ Memorandum of Association	.PDF
2		Compliance statement certificate for the technical specification of Ethylene Digital Detector (as per attached annexure-A)	.PDF
3		Scan Copy of GST Registration, PAN, ISO Registration, and company Registration Certificate.	.PDF
4		Scan copy of Earnest Money Deposit by way of Demand Draft	.PDF
5		Scan Copy of EMD exemption of claiming	.PDF
6		Self-declaration in letter-head that they are regular in manufacturing/supplying of Ethylene Digital Detector	.PDF
7		Details of supplies Ethylene Digital Detector to Govt./PSU other organization(s) in last 5 years	.PDF
8		Scan copy of Authorization letter	.PDF
9		Scan copy of Annual turnover for last year	.PDF
10		Balance Sheet, Profit & Loss Account of the last year should be attached dully certified by CA	.PDF
11		IT returns filed for past 3 Assessment Year	.PDF
12		User list for Ethylene Digital Detector with contact details to be furnished	.PDF
13		Satisfactory Performance certificate of Ethylene Digital Detector from any 3-government organization (as on date)	.PDF
14		Technical literature/brochure (Original Copy) & details of same available on website of the Ethylene Digital Detector by the firm	.PDF
15		An undertaking as per attached Format (Annexure – I) duly attested by Notary on a non-judicial stamp paper of value of Rs. 100/- (Rupees One Hundred Only) regarding their non-blacklisting by any of the Govt. Departments, Public Sector Undertakings and/or by Central Vigilance commission during the last three years	.PDF
16		Tender Acceptance Letter (Annexure – II)	
		Scan copy of checklist & specification checklist	.PDF

	COVER – II		
1.	Financial Bid	Price bid (BOQ) to be filled in Excel format	.XLS
		Comprehensive AMC for 3 years	.XLS
		Non-Comprehensive AMC for 3 years	.XLS

All the documents and BOQ has to be digitally signed by the bidder.

Authorized Signatory with seal/stamp



ANNEXURE-A

SPECIFICATIONS COMPLIANCE STATEMENT FOR ETHYLENE DIGITAL DETECTOR

S. N.	Technical Specification	Compliance (Yes/No)	Deviation
1	Measures C ₂ H ₄ , CO ₂ and O ₂ gases <input type="checkbox"/> On-spot /Continuous monitoring <input type="checkbox"/> Displays results in under 30 seconds <input type="checkbox"/> Past records stored on the device <input type="checkbox"/> Handheld and lightweight <input type="checkbox"/> Battery lasts for 8+ hours <input type="checkbox"/> Wi-Fi capabilities <input type="checkbox"/> Display easily viewed in dimly lit environments <input type="checkbox"/> PolarCept!™ water filter for removing non-ethylene hydrocarbons		
2	Sampling flow Rate : 70ML/min		
3	Operating Environment : 0° C - 5° C		
4	Total sampling Time : 80 seconds		
5	Data Saving : Automated (1 Sec)		
6	Display : Sunlight visible LCD		
7	Measuring Rate : Open or closed loop, 1 second intervals		
8	Enclosure : Powder coated aluminium		
9	Power Source : Removable rechargeable lithium-ion battery		
10	PC Interface : USB , WIFI, Bluetooth and SD Card		
11	Data Recorded : Ethylene, CO ₂ and O ₂		
12	Concentrations, Date, Time, RH, GPS Location		
13	Operative Pressure : 500-120 mbar		
14	Weight : 0.95 kg Dimensions : 18 cm x 13.5 cm x 5.5 cm		
15	Sensor Specification		
16	1.C₂H₄ Sensor Sensor Type : Electrochemical Range : 0-200 ppm Resolution : 0.1 ppm Accuracy : 5% Lower Detection Limit : 0.15 ppm		
17	2.CO₂ Sensor Sensor Type : Infrared Sensor, Pyroelectric detector Range : 0 – 100% Resolution : 0.01% Accuracy : 3% Lower Detection Limit : 0.50%		
18	3.O₂ Sensor Sensor Type : Electrochemical Range : 0-100% Resolution : 0.10% Accuracy : 2% Lower Detection Limit : 0.30% Complete with: Gas Sensor {Ethylene (C ₂ H ₄), CO ₂ , O ₂ }, SD Flash storage Card (4GB), rechargeable battery, Charger and User manual PR		
19	Warranty of Two years for the instrument.		
20	AMC charges preferably included.		
21	Foreign make		

Authorized Signatory with seal/stamp

Technical Specification of Ethylene Digital Detector (01 No.):

Specifications:

- Measures C₂H₄, CO₂ and O₂ gases
- On-spot /Continuous monitoring
- Displays results in under 30 seconds
- Past records stored on the device
- Handheld and lightweight
- Battery lasts for 8+ hours
- Wi-Fi capabilities
- Display easily viewed in dimly lit environments
- PolarCept!™ water filter for removing non-ethylene hydrocarbons

Specifications:

Sampling flow Rate : 70ML/min

Operating Environment : 0° C - 5° C

Total sampling Time : 80 seconds

Data Saving : Automated (1 Sec)

Display : Sunlight visible LCD

Measuring Rate : Open or closed loop, 1 second intervals

Enclosure : Powder coated aluminium

Power Source : Removable rechargeable lithium-ion battery

PC Interface : USB , WIFI, Bluetooth and SD Card

Data Recorded : Ethylene, CO₂ and O₂

Concentrations, Date, Time, RH, GPS Location

Operative Pressure : 500-120 mbar

Weight : 0.95 kg

Dimensions : 18 cm x 13.5 cm x 5.5 cm

Sensor Specification

1.C₂H₄ Sensor

Sensor Type : Electrochemical

Range : 0-200 ppm

Resolution : 0.1 ppm

Accuracy : 5%

Lower Detection Limit : 0.15 ppm

2.CO₂ Sensor

Sensor Type : Infrared Sensor, Pyroelectric detector

Range : 0 – 100%

Resolution : 0.01%

Accuracy : 3%

Lower Detection Limit : 0.50%

3.O₂ Sensor

Sensor Type : Electrochemical

Range : 0-100%

Resolution : 0.10%

Accuracy : 2%

Lower Detection Limit : 0.30%

Complete with:

Gas Sensor {Ethylene (C₂H₄), CO₂, O₂}, SD Flash storage Card (4GB), rechargeable battery,

Charger and User manual PR

Warranty of Two years for the instrument.

AMC charges preferably included.

Foreign make

UNDERTAKING

I/We have read and understood all the terms and conditions of the tender document contained in the present tender form for contract and I/We do hereby agree and abide by with all the terms and condition of this tender document.

I/We do hereby declare that all the details provided in this tender are true to the best of my/our knowledge and belief and any misrepresentation of facts will render me/us liable to any action as may be deemed fit by ICAR-Central Institute for Cotton Research, Nagpur.

I/We do hereby also accept ICAR-CICR have the right to accept or reject this application and not to issue invitation to Tender to me/us.

I/We undertake to communicate promptly to ICAR-CICR any changes in the condition or working of the firm. It is certified that we have not been blacklisted by any organization of Government of India including Central Vigilance commission (CVC) in the last three years. The undersigned is fully authorized to sign and submit this application form on behalf of the organization, he/she represent. We authorize ICAR-CICR to approach individuals, employees, firms and corporations to verify our competence and general reputation.

Signature: -

Name: -

Designation: -

Address: -

Place: -

Dated: -

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

Date: _____

To,
The Director,
ICAR-Central Institute for Cotton Research,
Near Khapri Phata, Panjari Farm,
Wardha Road, Nagpur - 441108.

Sub: Acceptance of terms and conditions of tender.

Tender Reference No.: (13)St/DST-SERB-EEQ/Eth. Detector/HQ NGP/2022-23

Name of tender: Purchase of Ethylene Digital Detector at ICAR-CICR, Nagpur

Dear Sir,

I/we have downloaded / obtained the tender documents(s) for the above mentioned 'Tender' from the web site(s) namely www.cicr.org.in and CPPP for the following purchases: **Purchase of Ethylene Digital Detector at ICAR-CICR, Nagpur** as per your advertisement, given in the above-mentioned website(s).

1. I/we hereby certify that I/we have read the entire terms and conditions of the tender documents from Page No. **01 to 15** (including all documents like annexure(s), part(s) etc.) which form part of the contract agreement and I/we shall abide hereby by the terms/ conditions/clauses contained therein.
2. The corrigendum(s) issued from time to time by your department / organizations too have also been taken into consideration, while submitting this acceptance letter.
3. I/we hereby unconditionally accept the tender conditions of above mentioned tender document(s)/corrigendum(s) in its totality / entirety.
4. I/we do hereby declare that our Firm has not been blacklisted/debarred by any Govt. Department/Public Sector Undertaking.
5. I/we certify that all information furnished by our Firm is true and correct and in the event the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,

(Signature of the Bidder, with Official Seal)

