

TENDER NOTICE NO. COE/03 OF 2024-25

VAPI GREEN ENVIRO LIMITED
VAPI,
DIST.: VALSAD

Tender for Supply and Installation of Laboratory Instruments

GC-HS (Gas Chromatography – Head Space)

at Centre of Excellence Site, Vapi.

TECHNICAL BID & PRICE BID

CHIEF EXECUTIVE OFFICER,
VAPI GREEN ENVIRO LIMITED
PLOT NO: 135, VIA HOUSE, GIDC CHAR RASTA,
GIDC, VAPI – 396195
Ph. (0260) 2428950, 9714000828,
e-mail: dgm.purchase@vgelvapi.com,
Website: www.vgelvapi.com, www.coevapi.com,



VAPI GREEN ENVIRO LIMITED

Formerly known as Vapi Waste & Effluent Mgt. Co. Ltd.

VIA House, Plot No. 135, Char Rasta, GIDC VAPI - 396 195. Gujarat. INDIA
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Tender for Supply and Installation of Laboratory Instruments
GC-HS (Gas Chromatography-Head Space)
at Centre of Excellence Site, Vapi.

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Section 1: Important Dates and Information of the Tender

<u>Title of the Tender:</u>	<u>Tender for Supply and Installation of Laboratory Instruments GC-HS (Gas Chromatography-Head Space) at COE Lab, Vapi, 06-07-2024.</u>
<u>Last Date of Submission:</u>	13:00 PM on 19th July, 2024 at Head Office address
<u>Mode of Submission:</u>	Offline tender Submission through Speed Post / Courier / Hand Delivery.
<u>Technical Bid Opening:</u>	13:30 PM on 19th July, 2024 at Head Office Address. (Bid opening depends on availability of signing authority)
<u>Technical Bid Evaluation:</u>	Technical bids so received will be evaluated by the VGEL technical staff separately.
<u>Price Bid Opening:</u>	Price bids of only technically qualified bidders will be opened after technical evaluation.
<u>Supply & Installation:</u>	Within 8-10 Week period from the date of issue of P.O.
<u>Price Validity:</u>	Within 150 Days from the date of opening of Price Bid.
<u>Tender Fee:</u>	Rs.2,400/- + GST (Non-Refundable)
<u>EMD:</u>	Rs. 90,000/- (Returnable)
<u>Important Note:</u>	Envelop should be superscripted as below. <u>“Tender for Supply and Installation of Laboratory Instruments GC-HS at COE”</u>

Section 2: General Instructions

- 1) Interested parties may obtain the tender document from the website www.vgelvapi.com.
- 2) The duly filled Tender Document is to be sent to below address before last submission Date:

The Chief Executive Officer,
Vapi Green Enviro Limited.
135, VIA House, Char Rasta
GIDC, Vapi 396 195
Gujarat (India)
- 3) The bids should be submitted in a sealed cover containing following two separate envelopes:

(a) Technical Bid:

 1. Technical qualification page along with all the documents mentioned in it.
 2. Copy of all sections except section 5 i.e. Price Bid duly signed & stamped on all the pages.
 3. Section: 3 having Financial Condition also to be signed and submitted with Technical Bid.
 4. No condition other than what already mentioned in the tender documents will be accepted.

(b) Price Bid:

 1. To be submitted in Separate Sealed Envelope with name of Tender, Name of Supplier and Receiver.
- 4) The bid shall be submitted in Sealed Condition within last submission date through speed post / register post / courier or hand delivery. The complete liability to ensure that the Signed bid shall reach in time will be with the bidder. Under no circumstance will allow any allowance for the delay arising out of postal or courier delivery.
- 5) VGEL reserves the right to accept or reject any or all tenders in part or full or to cancel the issue of tender documents without assigning any reason whatsoever. Similarly, in the interest of company, company have absolute right to go for retendering without assigning any reason whatsoever to anyone.
- 6) Bidder has to accept all terms and conditions unconditionally.
- 7) Management reserves the right to modify the tender document for more clarity and/or to get more competition. If there is any revision in the tender document, the same will be published on our website www.vgelvapi.com. All the interested parties are requested to regularly check our website for any updates.
- 8) Negotiations, if any, for any item will be held with the respective L1 party. No bidder will have any right whatsoever for his bid if it is not obtained in time and in proper format.
- 9) NEWS Paper Advertisement published in NEWS Paper. Kindly note that all tender document and Corrigendum are posted on our website www.vgelvapi.com.

10) Interested parties may obtain the tender document from the website www.vgelvapi.com, Site of VGEL as mentioned in Section 1.

11) The duly filled Tender Document is to be sent to Head Office Address and Equipment to be installed at Centre of Excellence Address.

<u>Head Office Address</u>	<u>Equipment Installation Address</u>
The Chief Executive Officer, Vapi Green Enviro Ltd. 135, VIA House, Char Rasta GIDC, Vapi 396 195, Gujarat (India)	Centre OF Excellence, Plot No.863, P/864, 735/P, GIDC, 1 st Phase, Vapi - 396195 Ph.9714007068

12) The completed tender forms will be received at Head office Address during office hours i.e. 10:00 AM to 5:00 PM up to the last date mentioned in Section1.

Section 3: Financial Conditions

1. PRICE:

Price to be quoted by the bidder should be fixed and should cover the entire scope of this supply & Installation that including Accessories, 1 Year Guarantee period, Next 2 year CMC Period, IQ, OQ, PQ, Documentation charges for 3 Years. The price quoted by the bidder to be inclusive of all taxes, levies, duties etc. as may be applicable, as mentioned on Section 5 of this tender document.

2. PENALTY:

The Penalty clause will be applicable for delay supply at the rate of 0.5% per week and a ceiling of 5% of the total order value for the late supply period. Supply period (as per Section-1) from the date of Purchase Order.

VGEL will deduct penalty amount for delay in supply & Installation work as per above terms.

3. SCHEDULE OF PAYMENT:

Payment will be due from VGEL once the bills are fully certified. VGEL will make the payment within 30 days. Ninety-five percent (95%) of the basic amount plus GST will be paid after the successful supply and installation of the equipment at COE, Vapi. The remaining 5% of the basic amount will be held as retention money and will be released after one year from the date of installation. If the supplier prefers, this 5% payment can be released earlier upon submission of a performance bank guarantee equal to 5% of the order value, valid for one year.

4. GUARANTEE / DEFECT LIABILITY PERIOD

The Supply of equipment shall be guaranteed for the soundness and its performance for the period of 12 months from the date of Installation at site. Any defect occurred on account of poor workmanship and MOC shall be attended by the Bidder during guarantee period.

5% Retention Money amount will be released after 12 months from the date of Installation or 18 months from date of supply whichever is earlier.

2 Year free CMC after completion of Guaranty Period should be inclusive with this supply from date of Installation.

5. EMD & Performance Bank Guarantee:

- (a) The EMD of un-successful bidder will be released within 1-2 week from the placement of Purchase order to Successful bidder.
- (b) The EMD can be returned to the successful bidder after installation of Instrument.

6. Delivery Period:

Within 8-10 Week from date of issue of LOI/Purchase Order/Work Order/Agreement, whichever is earlier.

7. Certification & Inspection:

Bidder has to provide all required test certification as applicable at the time of delivery. VGEL will inspect material before dispatch at bidder's site if required. Third party inspection also may be done if required.

8. Installation of the Instrument:

Installation of the Instrument will be Free of Cost and in scope of Supplier. Bidder will arrange supervision and other requirement. Required tools, Tackles, other equipment will be arranged by Bidder. Please specify the details of the same in technical bid.

9. After Sales Service:

During 1st Year (Guarantee Period) + 2 Year (CMC Period), your engineer will attend the complaint within 2 working days from the date of complain through mail.

12. Taxes & Duties:

- a) Statutory taxes shall be deducted at source from the Running Bills. Necessary TDS certificates will be provided by VGEL to the supplier.
- b) Any new taxes or duties levied or an increase in the rates of existing taxes levied by Central & State Governments or any local authority etc. shall be extra and shall be paid by VGEL.

13. Buy-Back Offer:

VGEL has installed GC-HS equipment at COE, both of which are in working condition. Bidders are invited to submit their buy-back offers in the price bid. VGEL reserves the right to accept or reject any buy-back offer at its sole discretion.

14. Training

Bidders will provide free training on the operation of the newly installed instrument to VGEL employees for two days. The cost of this training should be included in the offer

15. Documentation:

IQ/OQ/PQ Documents of System is required with supply of Instruments for total period of 3 years with no additional cost to VGEL.

16. Accessories:

Accessories should be inclusive.

17. Bidder has to mention clear scope of supply and Installation while quoting the rates. If required, please attach separate sheet.

Section 4: Qualification & Technical Criteria

QUALIFICATION CRITERIA:

Sr. No	Description	Required	To be Confirmed by Supplier YES/NO
1	The bidder should have supplied these items to any Limited firms for similar equipment.	Copy of Purchase order / certificate for supply of the same instrument. Equipment should be supplied directly from manufacture OR Authorized Distributor.	Required to attached Certificate.
2	Work / Supply Experience	Please attached separate sheet of List of Clients	
3	Acceptance of all the conditions fully and unconditionally	Copy of all the sections including all pages of Technical and price bid duly signed and stamped on all the pages.	
4	Submission of EMD amount as per section:1 (Refundable)	DD or Banker's Cheque of amount mentioned in Section 1, In favor of "Vapi Green Enviro Limited."	Amount Rs.90,000/- DD or Banker's Cheque No.:.....
5	Submission of Tender Fee amount as per section:1 (Non-refundable)	DD or Banker's Cheque of amount mentioned in Section 1, In favor of "Vapi Green Enviro Limited."	Amount Rs.2,400/- + 18% GST = Rs.2,832/- DD or Banker's Cheque No.:.....

TECHNICAL SPECIFICATIONS:

GC-HS Tender Specification

Specifications:

General Features of GC-HS	<p>Fully automated with programmable pneumatic control (PPC) / EPC/AFC (digital control) for injector, detector and purge gas.</p> <p>Instrument should be compatible to computer and software should be Window 10 or latest.</p> <p>Basic system with PPC/EPC control for carrier/detector zone gases.</p> <p>PPC should provide optimum performance with all types of columns and detectors.</p> <p>All parameters should be stored as a part of method for better analysis reproducibility.</p> <p>System must have touch screen user interface for easy instrument operation.</p> <p>System should have maximum two injectors and two detectors.</p> <p>GC system should have minimum 4 methods storing capacity.</p>
Gas Flow control	<p>Must come standard with programmable pneumatic control.</p> <p>Digital Pneumatic Control for setting column flow with pressure, flow and linear velocity.</p>
Inlet configuration and usability	<p>Injectors should be controlled by EPC/PPC/AFC.</p> <p>Removable glass liner for trapping non-volatile residues.</p>

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	<p>Split/ Splitless capillary Injector</p> <p>Operating Temperature range 50 °C to 450 °C in 1 °C increments</p> <p>PPC pneumatics include automatic control of split vent by split flow or split ratio</p> <p>Four software configurable modes should be available: programmed flow, programmed pressure, programmed velocity or constant flow.</p>
GC Oven Characteristics	<p>Volume: approximately 13 Litres or more for easy fixing and removing different types/dimension of columns without compromising rate of heating or cooling of oven.</p> <p>All temperature and time functions should be micro-processor controlled and displayed on the screen, column over-heat protection, should be settable up to 450 °C, set point resolution must be at least 1 °C and cool down time from 450 °C to 50 °C is less than 2.0 min or better</p> <p>The oven should have excellent temperature control.</p> <p>Maximum achievable temperature ramp rate should be 140 °C/min or more</p> <p>Temperature ramps should be 8 or more.</p> <p>Time settings: It should be 0.1 min increments for values 0 to 999 minutes or wider</p>
Autosampler	<p>Inbuilt autosampler with sample vial capacity 100 or more, plus one priority</p> <p>Vial size - 2ml</p> <p>Waste and wash vial size - 4 ml</p> <p>Sampling volume - Capable to inject from 0.1 µl to 50 µl</p> <p>Sample pre-rinse - Prepares the autosampler syringe in advance of the GC becoming ready</p> <p>Autosampler should able to Inject both Injection Port without any hardware change.</p> <p>Manual injection should be possible without autosampler hardware change.</p> <p>Autosampler should fully controllable through software and GC system control interface</p>
Detector	<p>Detectors should be controlled by EPC/PPC/AFC.</p> <p>Flame Ionization Detector</p> <p>Operating temperature: 100 °C to 450 °C in 1 °C increments</p> <p>Minimum detectable quantity: < 3 x10⁻¹² g C/sec Octane</p> <p>Linearity: > 10⁷</p> <p>Makeup gas: Not required (Preferred)</p> <p>FID should have minimum gas Consumption.</p>
Head Space	<p>40 vials with intelligent, overlapped thermostating of up to 12 vials.</p> <p>Temperature settable from 35 °C to 210 °C in 1 °C increments or can be run at ambient.</p> <p>Pneumatic, pressure-balanced sampling (no syringe or gas sample loop).</p> <p>Sample vials are pressurized with carrier gas.</p> <p>Headspace should be able to inject different injection volume, as per method / application requirement; without any hardware changes</p>
Software	<p>Software should be capable of Full instrument control via external computer.</p> <p>Software performing data analyses at least as per DIN/ISO/US-EPA, calibration, blank correction, data import, export, handling and reporting, quality control</p>

	protocols, computer-based training License copy of Software should be supplied along with GC system. IQOQ for Software & Hardware.
Computer & Printer	Computer System with printer shall be included as per Specifications required for this Instrument. Required software and Its Updation time to time should be inclusive.
Make	PerkinElmer / Waters / Shimadzu

Note:

1. Bidders must clearly specify the scope of supply and installation when quoting their rates.
2. VGEL reserves the right to derive a formula to bring all the bidders to a common denominator for the purpose of comparing offers
3. If the L1 bidder withdraws after indicating their intention to accept the offer, VGEL will forfeit the Earnest Money Deposit (EMD) amount and blacklist the bidder
4. VGEL decision shall be final regarding essentials and desirable parameters, as well as any necessary change in this regard

Section 5: Price Bid

Price Bid for Supply and Installation of GC-HS Instrument at COE Lab.

Sr. No.	Particulars	Unit	Total Amount in INR
1	GC-HS (Gas Chromatography Head Space) Instrument as per technical specifications mentioned at Section 4 of this tender documents. Bidder has to mention other technical specifications with details.	1 No.	
2	VGEL had installed PerkinElmer make GC-HS at COE. It is in working condition. Bidders are requested to submit their Buy-Back offer here . Decision for acceptance or rejection of Buy-Back offer will be purely decided by VGEL.	1 No.	
<u>GRAND TOTAL Rs.</u>			

Note: The bidder has to include all other charges, taxes, duties, transportation etc. while quoting rates and provide F.O.R. our site base price. Specify if any Taxes applicable in below table and mention whether they are “included” or “excluding” in the above quoted rates. If bidder will not specify in below table then it will be considered as included in basis price.

Details Required from Bidder	
GST	%
Other	%
Contact Person Name:	
Mobile Number:	
Email:	

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VENDOR REGISTRATION FORM		
1	Name of Firm *	
2	Name of Contact Person with Designation	
3	Contact Person Mobile No.	
4	Supplier / Contractor / Consultant / All Three *	
5	Type of Vendor * [Regd. Manufacturer / Non-Regd. Manufacturer / Regd. Distributer / Non-Regd. Distributer / Transporter / Retailer / Service Provider / Other]	
6	Branch [CETP, CSWP, COE, HO] *	
7	Address 1 *	
	Address 2	
	Address 3	
8	City * & PIN Code*	
9	State *	
10	Phone Nos. with Extension (if any) *	
11	Mobile No. *	
12	Fax No.	
13	E-Mail ID. *	
14	PAN No.	
15	GST No.*	
16	MSME Registration No. (Registered / Not Registered) *	
17	P.F. Registration No. ** (For Labour Contractor Only)	
18	ESIC Registration No. ** (For Labour Contractor Only)	
19	Name of the Banker *	
20	Bank Branch *	
21	Bank Account No. *	
22	RTGS/NEFT Ref. No. *	
23	Performance	
24	Remarks (if any)	

- Marked are mandatory entry for Contractor without above data, form will not be accepted.
- If any details are not applicable / not available the please type "NA".
- Name of Firm (Sl.1) entered should be same as that registered in your bank as payment shall be same as per same. Please fill in CAPITAL LETTERS only.
- Please attach copy of PAN, GST Registration, MSME Registration, Gumasta Certificate, Cancel
- Cheque copy with your offer.

Prepared By Verified By Authorized By

Stamp & Signature of Bidder

Entered By

SIGN AND STAMP OF THE BIDDER

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