



NAVSARI AGRICULTURAL UNIVERSITY



NAVSARI - 396 450 (GUJARAT) INDIA

TENDER NOTICE

The Soil Science Department, NAU, Navsari - 396450 invites tender for purchase of ATOMIC ABSORPTION SPECTROPHOTOMETER (AAS) instruments through Buy Back process. So interested parties should post / Courier their price in enclosed cover. It has to be sent as received by 20-11-2023 up to 17.00 hrs. More information can be found on the university website www.nau.in

Sd/-

Research Scientist, Soil Science
Department, NAU, Navsari

માહિતી/નવસારી/૩૯૮/૨૦૨૩

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Section 1: Tender Notice

Purchase of ATOMIC ABSORPTION SPECTROPHOTOMETER (AAS) instruments through Buy Back process

Tenders in sealed covers are invited for “**Purchase of ATOMIC ABSORPTION SPECTROPHOTOMETER (AAS) instruments through Buy Back process**”. Please super scribe the above-mentioned title on the sealed covers to avoid the bid being declared invalid. Please also super scribe ‘Technical Bid and ‘Commercial Bid’ on the respective covers:

General information about the tender is as follows: -

- (a) Queries to be addressed to : rssidnau@yahoo.in,
- (b) Postal Address for sending the Bids : Research Scientist, Soil Science Dept., Navsari Agricultural University, Navsari-396450
- (c) Name/designation of contact person : Dr. Sonal Tripathi, I/c. Research Scientist (Soil Science)
- (d) Last Date and Time for Receipt of Tenders : 20 November 2023 up to 17:00 Hrs
- (e) Bid Validity Period: Upto 31st March, 2024
- (f) Tender Fee : Rs. 1500/-
- (g) Earnest Money Deposit (EMD) : Rs. 15000/-

Section 2: Particulars and objectives of purchase

Particulars	Objectives
ATOMIC ABSORPTION SPECTROPHOTOMETER (AAS) instruments through Buy Back process	The objective of this purchase is to acquire an atomic absorption spectrometer along with required accessories capable of analyzing soil, water, plant, and manure samples for elemental composition. The instrument should be able to detect and quantify trace elements in the samples with high accuracy and precision. The instrument should have a high sensitivity and low detection limit to detect trace elements in the samples.

Section 3: General Terms and Conditions

Note: Purchase of this scientific instrument will be followed as per the Gujarat Government Purchase Policy resolution - 2016 dated 3.6.2016

1.	The Soil Science Department, Navsari Agricultural University, Navsari (hereinafter referred to as “the purchaser”) is inviting manufacturer / authorized dealers (hereinafter referred to as “tenderer”) for their requirement to purchase ATOMIC ABSORPTION SPECTROPHOTOMETER (hereinafter referred to as "AAS") instrument through Buy Back process.
2.	Tenderer should set their quotation in firm figures. Each figure stated should be repeated in words also. In the event of any discrepancy between the amount stated in figures and words, the rate quoted in the words shall be deemed to be the final quotation.
3.	The Commercial bid in prescribed format (Appendix V) under their original memo/letter pad should be submitted along with Tender document in a separate sealed cover.
4.	In case of Original Equipment Manufacturer (OEM) , attach the OEM certificate. Authorized dealers can quote their rates provided that they need to attach relevant certificate of authorized dealership issued during current financial year: 2023-24 from the OEM. <ul style="list-style-type: none">• The tenderer should have made a positive operating profit.• The tenderer should not be blacklisted by any Government or Government entity.
5.	Bids should be forwarded by tenderers under their original memo/letter pad inter alia furnishing details like PAN, GST number, Bank address with EFT Account, if applicable, etc. and complete postal & e-mail address of their office.
6.	Tenderers should have to attach original colour catalogue of the quoted product ensuring exact specifications.
7.	The prices of the item shall be inclusive of all freight, packaging and forwarding, transit insurance, installation charges, applicable taxes as per recent government rules & regulations as well as for destination.
8.	The lowest price is not the criteria and emphasis would be placed on quality and specifications of the material. The purchaser has right to reject any or all the offers and invite fresh quotations if need arises. The purchaser further reserves the right of selecting the brand and accepting or otherwise any of the conditions stipulated by tenderer.
9.	The bid is non-transferable.
10.	The successful tenderer shall have to execute the purchase orders placed on any date during the validity of the tender at the rate, terms and conditions of the tender.
11.	All the electronics items should comply to International Standards for safety, Electromagnetic Emissions, Electromagnetic Immunity <i>etc.</i>
12.	Purchase committee reserves the right to bought clarification from the tenderer.
13.	The successful tenderer will hold responsibility for the items sufficiently and properly packed for transport so as to ensure their being free from loss / damage / injury on arrival of destination purchaser premises. The material should be supplied in the original company’s packing which shall indicate packing details and other particulars as required under the statutory provisions. Inner and outer packing of boxes / cartons should be of standard design. The final packing of cartons of corrugated boxes shall be complying with ISS standards. A packing slip shall indicate clearly and legibly the name of the product, batch number, quantity, date of manufacture, date of expiry, gross and net weight, and consignee’s name and address and other particulars as required. In the event of breakages or loss of items during transit / installation against requisition order the said quantity will have to be replaced/supply by the tenderer without any additional charges.
14.	Successful tenderer failing to provide after sales services would be permanently blacklisted.
15.	The tenderers are encouraged to visit at ordering site before bidding for the assessment of feasibility of the quoted item. However, no any excuses will be acceptable regarding the performance to fulfil the objective of the quoted items.

16.	There should be no discrepancy in price quoted under similar period and similar supplies under the territorial jurisdiction of Gujarat state.
17.	The tenderers have to submit the quality assurance certificate obtained from QCI/BIS/ISO or any Indian Government approved institute/ organization for OEM. In case of imported items where the QCI/BIS or Indian Government approved institute/organization quality control certificate is not available then the quality assurance certificate of international standard has to be provided.
18.	No special preference will be accorded to any tenderer either for price or for other terms and conditions when competing with foreign bidders, state-owned enterprises, small-scale enterprises or enterprises from any given state.
19.	The party whose prices are approved will have to submit the bill in triplicate after completing the order. Payment will be made after deducting tax as per government rules.
20.	The purchaser reserves the right to accept or reject any bid. If the purchase cannot be made from the price list due to unavoidable circumstances, it cannot be claimed.
21.	Delivery: The purchaser reserve the right to extend period or reject the deal and their decision in the matter shall be final and binding to all.
22.	Warranty: The tenderer must provide comprehensive onsite standard warranty as asked in specifications , from the date of installation for item. Please clearly mention the parts, which are not covered under warranty, separately. If instrument, properly not working and repetitively fault is found, say twice a week during the warranty period, the tenderer shall replace the item with new item without any additional cost to the purchaser. Further, any complaint shall be attended within a response time of 48 hours on 24X7 basis during warranty period.
23.	Buy Back Offer: The purchase of tendered item(s) will be adjusted/offset against buyback of old item mentioned below. Tenderer will formulate and submit their tenders accordingly. Interested tenderer can inspect the old goods to be traded through this transaction. Details of the buy-back offer are as under : (a) Details of Items for buy-back scheme: Atomic Absorption Spectrophotometer [Make: Electronics Corporation of India Limited, India, Model: AAS 4141, Year of Installation: 2008] (b) Further details may be provided during the site visit.
24.	Training and Demonstration: Supplier has to perform on-site live demonstration/ training as asked in specifications of item.
25.	Dispute: In case of any dispute, final decision of the purchaser will be binding upon all. In case of any disagreement arises in respect of this tender resulting in legal dispute shall be subjected to Navsari Jurisdiction.
26.	All rights are reserved with the University Authority to accept or reject any or all the tenders received without assigning any reasons thereof.
27.	Tender should be submitted in four covers as under all covers should be SUPERSCRIPED i.e. Technical bid/financial bid/EMD/Tender fee. Tender No. /Name of instrument with tenderer full address. The terms and conditions should be attached with Technical bid. All the following four covers should be sealed separately and put into a separate sealed cover super scribed “Tender for the purchase of ATOMIC ABSORPTION SPECTROPHOTOMETER (AAS) instruments through Buy Back process” . Cover (I) Technical. No financial terms should be mentioned directly or indirectly in the technical bid. Cover (II) - Commercial Bid in a separately sealed cover. Cover (III) EMD should be paid as mentioned in the tender documents. Cover-(IV): Tender Fee
28.	Payment: The payment will be made after successful supply, commissioning/installation and satisfactory performance of the AAS instruments through Buy Back process. However, any request regarding the advance or partial payment will not be entertained in any circumstances. If payment made through LC account, the cost of opening and other charges will be borne by the tenderer.

Section 4: Tender Fee, EMD and Security Deposit

1. Tender fee and Earnest Money Deposit:

The tenderer has to submit non-refundable Tender Fee and Refundable Earnest Money Deposit in the form of Bank Draft payable at Navsari in favor of “Research Scientist, Soil Science Department, Navsari Agricultural University, Navsari”.

2. The tender without **Tender Fee and Earnest Money Deposit will not be considered.**
3. **Refund of Earnest Money Deposit:** The earnest money of unsuccessful tenderer will be refunded. The **Earnest Money Deposit** of successful tenderer will also be refunded after completion of purchase procedure.
4. **Forfeiture of Earnest Money:** The earnest money will be forfeited if tenderer withdraws or modifies the offer after opening of tender document or tenderer does not execute the agreement.
5. **Security Deposit:** Successful tenderer has to submit **5%** of purchase order value as a Security Deposit **in the form of Bank Draft payable at Navsari or Bank guarantee in favor of “Research Scientist, Soil Science Department, Navsari Agricultural University, Navsari” from any Nationalized bank** and will be informed by purchase office at the time of giving purchase order.
6. **Refund of Security Deposit:** The amount of security deposit will be refunded after completion of standard warranty period.
7. **Forfeiture of Security Deposit:** The security deposit will be forfeited if, successful tenderer fails to supply the items within the delivery period and/or tenderer fails to comply specifications of instruments and/or tenderer fails in successful installation/demonstration of the instruments/ machinery and/or tenderer fails to provide satisfactory post sale services and support or fail to replace the defective piece/ service the instruments/ machinery before warranty period.
8. No interest for EMD and security deposit will be paid.

Appendix-I: Forwarding Letter

From: _____

No.
Date: - - 2023

To,
Research Scientist,
Department of Soil Science
Navsari Agricultural University,
Eru Char Rasta, Navsari – 396 450 (Gujarat)

Subject: Submission of tender for the purchase of ATOMIC ABSORPTION SPECTROPHOTOMETER (AAS) instruments through Buy Back process

Ref.: Tender published in daily news paper SANDESH (Surat edition) dated: 24/10/2023 Page no. 4.

Sir,

I/We hereby submit the offer (duly filled) in response to the advertisement/tender notice for the purchase of ATOMIC ABSORPTION SPECTROPHOTOMETER (AAS) in accordance with the terms and conditions of such supply and declare as under:

I/We hereby offer to supply ATOMIC ABSORPTION SPECTROPHOTOMETER (AAS) instrument through Buy Back process to Navsari Agricultural University, Navsari in accordance with the terms and conditions, here to annexed and at the prices given by me/us in commercial section of tendering.

I/We enclose herewith **Tender Fee and EMD from a nationalized bank payable at Navsari, Gujarat drawn in favor of “Research Scientist, Soil Science Department, Navsari Agricultural University, Navsari”** payable at Navsari, Gujarat with following details.

	Amount (Rs.)	Amount in Words	DD No.	DD issue Date
Tender Fee	1500/-	Rs. One thousand five hundred only.		
EMD	15000/-	Rs. Fifteen thousand only.		

I/We carefully read and understood and agree to abide by the said terms and conditions set in the tender document hereto annexed and the description/ specifications of the items.

I/We agree to hold this **offer open till 31st March, 2024** from the due date of opening of the tender.

I/We agree that in case of dispute, if any, the decision of The Purchase Committee, Navsari Agricultural University, Navsari 396 450 shall be final and binding upon me/us.

Date: - - 2023

Stamp, seal and signature of tenderer

Enclosure: as follows

	Attachments	Page no.
1.	Appendix-I: Forwarding letter	
2.	Tender Fee: Demand draft of Rs. (Non-Refundable).	
3.	EMD: Demand draft of Rs. (Refundable).	
4.	Tender document duly signed and stamped on each page	
5.	Appendix-II: Tenderer's details	
6.	Appendix-III: Affidavit	
7.	Appendix-IV: Technical specification compliance document (TSCD)	
8.	Appendix-V: Commercial bid in a separate sealed cover.	
9.	Appendix-VI: List of clients who have been supplied similar quoted instrument by the tenderer within last 5 years along with respective addresses and phone no.	
10.	PAN card	
11.	GST Certificate	
12.	Authorization / Original Equipment Manufacturer (OEM) certificate	
13.	QCI/ BIS / ISO or Indian Government approved institute/ organization quality control certificate/ International quality standard certificate for OEM (whichever is applicable).	
14.	Income tax return (A. Y. 2023-24)	
15.	Original colour catalogue/Brochure showing item detail	
16.	Other (any specific or relevant information pertaining to tender which have not been covered in the tender document. Such as tender fee exemption certificates etc.)	

Note: These documents are mandatory, missing of any is subjected to rejection of this tender.

Appendix-II: Tenderer's Detail

1.	Name of the Company	:	
3.	Registered Office Address with Telephone/ Mobile Number Fax Number e-mail	:	
4.	Correspondence Address with Telephone/ Mobile Number Fax Number e-mail	:	
5.	Details of the authorized person(Name, designation, address) with Telephone/ Mobile Number Fax Number e-mail	:	
8.	PAN Card No.	:	
7.	GST No.	:	
8.	Bank detail (Bank Name, Branch Address, Account No., Type of Account (Current/ Savings), MICR No, IFSC Code	:	
9.	Filing date of IT Return AY 2023 – 24	:	

Appendix-III: Proforma of Affidavit
(on Non-Judicial Stamp Paper of Rs 100/- duly attested by Magistrate /Notary Public)

I/We, _____, age ____, years residing at _____ in capacity of _____ M/s _____ hereby solemnly affirm that :

1. All General Instructions, General Terms and Conditions, as well as Special Terms & Conditions laid down on all the pages of the Tender Form, have been read carefully and understood properly by me and are completely acceptable to me and I agree to abide by the same.
2. All the Certificates / Permissions / Documents/ Permits / Affidavits or any relevant document either submitted physically as a part of tender are valid and current as on date and have not been withdrawn / cancelled by the issuing authority.
3. It is clearly and distinctly understood by me that my tender is liable for rejection if any of the Certificates / Permissions / Documents/ Permits / Affidavits is / are found to be invalid / wrong / incorrect / misleading / fabricated / expired or having any defect at any point of time.
4. I/ We further undertake to produce on demand the original Certificate / Permission / Document / Permits for verification at any stage during the processing of the tender as well as at any time asked to produce.
5. I/ We also understand that failure to produce the documents in "Prescribed Proforma" (wherever applicable) as well as failure to give requisite information in the prescribed proforma may result in to rejection of the tender.
6. My/ Our firm has not been banned / debarred / black listed by any Government Department / State Government / Government of India / Board / Corporation / Government Financial Institution etc.
7. I/ We confirm that I / We have meticulously filled in, checked and verified the enclosed documents / certificates / permissions / permits/ affidavits / information etc. from every aspect and the same are enclosed in order (i.e. in chronology) in which they are supposed to be enclosed.
8. I/ We say and submit that the Permanent Account Number (PAN) given by the Income Tax Department is _____, which is issued on the name of _____
[Kindly mention here either name of the proprietor (in case of Proprietor firm) or name of the tendering firm, whichever is applicable].
9. I/ We understand that giving wrong information on oath amounts to forgery and perjury, and I/We am/are aware of the consequences thereof, in case any information provided by us are found to be false or incorrect, you have right to reject our bid at any stage including forfeiture of our EMD/PBG/cancel the award of contract. In this event, the Navsari Agricultural University reserves the right to take legal action against me/us.
10. I/We hereby assured that all our quoted item/s meet or exceed the requirement and are absolutely compliment with specification mentioned in the tender document.
11. My/Our Company has not filed any Writ Petition, Court matter and there is no court matter filed by State Government and its Board Corporation, is pending against our company.
12. I/We hereby commit that we have paid all outstanding amounts of dues / taxes / cess / charges / fees with interest and penalty.
13. In case of breach of any tender terms and conditions or deviation from bid specification other than already specified as mentioned above, the decision of purchase committee appointed by the purchaser for disqualification will be accepted by me/us.

Whatever stated above is true and correct to the best of my knowledge and belief.

Date :

Stamp & Sign of the Tenderer

Place:

(Signature and seal of the Notary)

Date: - -2023

Stamp, seal and signature of tenderer

Appendix IV: Technical Specification Compliance Document (TSCD)

The tenderer has to fill the technical specification compliance document (TSCD) on their official letter head of tendering party for the instrument / equipment for which they have quoted and mentioned the specific catalogue/ part no./ item under the column, remarks if comply the specifications. In the format of technical specification compliance document (TSCD), tenderer should have to make comments regarding any deviation or any equivalent technology or any information which supplement the claim of complying the technical specification or any noticeable information *etc.* After filling the above document, tenderer has to duly authenticate by signing on each page and seal them properly. submitted with the tender document.

TSCD IV(8): Atomic Absorption Spectrophotometer (through Buy Back process) (Quoted Model No.)

Particular	Specifications	Comply (Yes/No)	Remarks
I. Atomic Absorption Spectrophotometer (through Buy Back process)	<p>MAIN FEATURES-</p> <ol style="list-style-type: none"> 1. System: PC Based AAS with Air-Acetylene flame. Capable to perform multiple analysis simultaneously. (Zn,Fe,Mn,Cu) from single sample. 2. Data Processing : PC with USB and printer support 3. Photometric System: Simultaneous beam technology to resolve all wavelength at once in real time. Certified 1200 lines/mm grating blazed at 230.0nm for superior UV reflectance 4. Accuracy and repeatability of 0.1nm 5. Wavelength range from 190.0 - 930.0nm 6. Automatic slit setting,Automatic peak selection and indexing" 7. Bandwidth :0.0nm to 2.5nm automatic 8. Grating: Certified 1200lines/mm blazed at 230.0nm for superior UV reflectance 9. Detector: High efficiency CCD Image Sensor with >3600 pixels 10. Lamp mount holder Single :Automatic reading with upto 8 element analysis in single sample simultaneously 11. Background Correction: Multi-line, Off Peak and Pulsed Lamp (SR) Background Correction techniques 12. Operating Modes: Absorption, Emission, Molecular Absorption, Concentration. 13. Burner Head: High quality 100 mm burner for Air-Acetylene. 3 Dimensional adjustment 14. Integration Time:0.0 to 150 Seconds 15. Accuracy:+/- 0.008 ABS at 1.0ABS 16. Atomizer:100% PTFE spray chamber with inert impact bead for flow spoiler 17. Nebulizer: Outer shell made in S.S. with inner structure made in PTFE with capillary made in 		

	<p>Platinum and Iridium for high corrosion resistance</p> <p>18. Flame System: Computer controlled with digital sensing on fuel and oxidant lines shown on software. Interlocks for fuel, oxidant, burner , liquid trap. Flash Back arrestor provided for fuel line and N.R.V for oxidant lines. Oxidant flow automatic setting.</p> <p>19. Software: Compatible with MS Windows system with all functions available. Built in cook book with interference detection</p> <p>20. Connectivity: USB</p> <p>21. Coded lamp compatible.</p> <p>22. Advanced software operating on the latest Windows platform.</p> <p>23. User friendly Software & supports CFR 21 Part 11 compliance.</p> <p>24. Calibration with up to N number of standards. Uses linear fit polynomial, linear least squares, standard additions etc.</p> <p>25. Guaranteed highest sensitivity (5 ppm Cu gives >0.800 Abs).</p> <p>26. PC connectivity port: USB. Ethernet, RS232C, Wireless.</p> <p>27. Compatible PC.</p> <p>28. Warranty: Warranty one year</p> <p>29. Delivery: 2-3 weeks from date of confirmed order.</p> <p>30. Electrical Parameters:220v +-10v Single Phase 500VA</p> <p>AAS HCL lamp multi element Cu/Fe/Mn/Zn Copper, Iron, Manganese, Zinc</p> <p>AAS standard supply C2H2 air burner ,software CD, dust cover, user manual, drain assembly, extra glass bead, extra fuse, 3-3-3 mts gas hose, 2 end fittings, Allen Key</p> <p>Note: Buy back offer – Give the buy back cost reduction in lieu of ECIL AAS 4141.</p>		
<p>Terms and Conditions Others</p>	<p>i. The tenderer should have proven track record for the supply, installation and commissioning of the instrument (Please provide list of clients who have been supplied similar quoted instrument by the tenderer within last 5 years.</p> <p>ii. The instrument shall strictly confirm to the specifications and any deviation or clarification regarding the specification should be mention under “Remarks” column of TSCD.</p> <p>iii. The tenderer should assure that availability of spare parts of the quoted model of the instrument at least for the period of 10 years after the warranty period.</p>		

	<ul style="list-style-type: none"> iv. The tenderer has to provide onsite post installation training of handling, maintenance and software application to the purchaser's staff. v. The quoted instrument should be rugged enough to handle the frequent power fluctuation. vi. The tenderer shall inform the purchaser about the site preparation, if any, needed for installation, of the goods at the purchaser's site immediately after notification of award/contract. vii. The tenderer should aim at a turnkey supply and installation of the instrument to fulfil the objective of purchase. For that any accessory or facilities which is felt mandatory for the proper working of the instrument but not mentioned in the specification has to be quoted and supplied along with. iii. The tenderer has to mandatorily quote the final price of the instrument after duly subtracting the buyback price of the older instrument, failure to this, will be ample reason for rejection of the tender. 		
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Appendix V: COMMERCIAL BID FORM

Sr. no.	Particulars of Bid Price Break up	Price per unit (in Rs.)	Quantity	Total Price (in Rs.)
1.	Price of AAS with required accessories			
2.	Discount if any			
3.	Taxes and Duties			
4.	Total (Rs.)			
	Buy-Back offer			
5.	Less: Cost of AAS under Buy-Back [Make: Electronics Corporation of India Limited, India Model: AAS 4141]			
6.	Grand Total (Rs.) (Sr no. 4 minus Sr. no. 5)			

Total bid price in Rupees: (in figures)
 (in words)

Signature of tenderer
 Name
 Business address

Place:
 Date:

Appendix VI: Client List

Sr. No.	Name of Purchaser	Address with Mobile no. and E-mail Address	Name of Contact parson with Mobile no. and E-mail Address	Year of Supply	Status

Signature of tenderer
Name
Business address

Place:
Date: