

CENTRAL STORE PURCHASE SECTION
N.D. University of Agriculture & Technology, Kumaraganj Faizabad.
Global Tender Notice No.03/2013-14

Sealed tenders from reputed international manufacturers or their sole distributors / agents / dealers are invited for purchase of Mass Spectrophotometer (GCMS) and Automic advanced Spectrophotometer (AAS). The tender documents can be obtained on cash payment of Rs. 1000.00 . Last date for purchase of tender is 11.04.2014 and for submission is 16.04.2014 till 2.00 pm through registered post/speed post only in the office of undersigned. EMD as mentioned in tender documents and related papers must be enclosed with tender otherwisw tender will be rejectd. Tender notice and specifications details are also available on university website www.nduat.in and nduat.co.nr.




Comptroller/Head
Central Store Purchase section

General Terms and Conditions of short term Global Tender Notice No.03/2013-14

Cost of tender Rs.1000/-

1. The tenderer is required to deposit the earnest money of Rs.50000/- (Fifty Thousands Only) for each equipment. EMD should be in form of FDR/Draft in favour of comptroller, NDUAT Kumarganj Faizabad. In case tender is submitted on Performa downloaded from website tender cost Rs.1000/- must be deposited separately.
 2. Manufacturers/ Authorised sole distributor of manufacturer are only needed to Quote the rates for these items.
 3. The last date for sale of tender is 11/04/2014 and the last date for accepting the tender is 16/04/2014 and will be opened on next day or as decided by chairman C.P.C. in his office. The interested tenderer or his authorised representative may be present in this.
 4. The firm must enclose income tax and CST/VAT registration. Company must enclosed Certificate for after sale service in India, Client list and copy of ISO certification/ISI registration/ International quality assurance certification with technical bid.
 5. The tender must be submitted to store purchase section of NDUAT Kumarganj, Faizabad through Regd./ speed post only. University will not have any responsibility for postal delay of the tender.
 6. The delivery of items as per tender specifications/ make approved shall only be accepted at university Kumarganj Faizabad and on bill basis only.
 7. Validity of tender should be at least 6 months from date of acceptance of offer. Part delivery of supply is not accepted for payment.
 8. The university reserves the right to reject one or all tender and also reserves the right to place the order for all in full quantity or part thereof or not at all.
 9. In case of any dispute the verdict/decision of the Hon'ble Vice Chancellor of the university shall be final and binding upon both the parties. All legal disputes shall be subject to Faizabad, Uttar Pradesh, India Jurisdiction only.
 10. The tender must be submitted in form of technical bid and financial bid in two separate sealed envelopes and both of them should be placed in a third envelop superscripted "Tender for equipment-GCMS and AAS". Tender without earnest money shall not be entertained.
 11. Tender notice No. and items name should be mentioned on each envelops indicating financial bid and technical bids separately.
 12. Security/ earnest money must be fortified when the firm does not supply the items with in time or as per required specification. Previous deposited security/ earnest money cannot be adjusted.
 13. Security money @ 10% of basic cost (after adjusting earnest money) of supply will be deposited by the firms concerned after acceptance of his tender.
 14. In token of acceptance of above terms and conditions, kindly return this sheet duly signed and sealed in the technical bid.
 15. The terms and conditions given by the supplier will not be binding for us.
 16. Quality assurance certificate will be required from tenderer with technical bid.
 17. Custom/Excise duty and other taxes or any charges applicable at the time of supply will be born by the supplier.
- I have read all terms and conditions of the tender as given above very carefully shall abide by same.


**Signature of comptroller
Chairman CPC**

Signature of tenderer

GCMS Specifications

- Gas chromatograph requires short heating & cooling time & pressure set point of 0.001 psi with two injector ports & three detector ports
- 1) Temperature: +4°C to 450°C & upto -100°C with liquid N₂
- 2) Temperature Programme ramps: 22 ramps
- 3) Cooling rate < 5 minute for GC oven temp. of 400-50°C
- 4) 10 or more method storage.
- 5) Capable of installing atleast 2 injectors & 3 multiple detectors of user choice.
- 6) There should be provision of EPC/EFC/PPC for all pneumatic parameters with pressure range of 150 psi.
- 7) Detectors: TCD, FID & NPD

MS Specifications -

- 1) Standard mode Triple-Axis detector HED-EM with extended life EM & monolithic hyperbolic quadrupole mass filter & stainless steel EI source for diffusion pump system or ion source.
- 2) Electronic scan rate upto 12,500 u/s
- 3) Pumping system 65 L/s diffusion pump
- 4) 2.5 m³/h mechanical pump
- 5) Should support 16 sample automatic liquid sampler
- 6) It should have very high spectral DRS & RTL, PCI & NCI scan sensi.
- 7) Data System - SIM/scan automated SIM setup & high performance with synchronous SIM/scan operation with spectral libraries for pesticides, & plants active phytoconstituents.
- 8) Pre loaded GC/MSD software for identify unknowns with quick & set up & library match.

⇒ Installation charges should be included & extended warranty

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AAS Specification

- Computer controlled AAS with built in emission mode.
- System should consist of Flame AAS with acetylene & H_2O burners & Arg.
- Should have Mercury Hydride Vapor Generator for analysis of Pb, As, Hg, Se etc at ppb level.
- System should be quoted with Auto sampler for Flame AAS, Mercury High Dried System & Graphite Furnace.
- True double beam Optics with Chopper Mirror. Wavelength range from 185-900 nm.
- Regulators for acetylene & N_2O gases.
- Fume Hood
- Compatible compressor & 20KV online UPS.
- All the cathode lamp for elements Pb, Cu, Hg, As, Se, Zn, Fe, Mn, Al, Ni, Cd, Na, K, Mg, Cr, Ca, P, S, Se, Thallium, Molybdenum, Halogens & all the elements & their standards.
- All the tubings, fittings & accessories along with 2-3 extra pairs.
- Installation charges should be included.
- Training of two persons & extended warranty.

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(P.I.)