Sher-e-Kashmir
University of Agricultural Sciences & Technology of Jammu
Chatha, Jammu (J&K)- 180009

NIT No: AUJ/FVSc-CPC/2017-18/F-92/2555 **Date: 18-10-2017**

Tender Notice

On behalf of the Vice-Chancellor, SKUAST-Jammu, sealed tenders are hereby invited from the manufacturers, reputed and authorized distributors/ dealers/suppliers for purchase of Lab. Equipment as per details given hereunder –

Item No.	Name of the item with brief description	Qty.	Earnest Money Deposit	Cost of Tender Document (in Rs.)
1.	**Quaternary Gradient HPLC**: An all-in-one system with accessories	01	Rs. 46,000/-	Rs 1000/-
2.	**Texture Analyzer**: Single column with high rigidity frame and space for keeping samples	01	Rs. 28,000/-	Rs 1000/-
3.	**Feed Mixer**: Double ribbon screw mixer with operational capaicty of 1 ton per hour	01	Rs 16,000/-	Rs 1000/-

Date of submission of tender: **20-10-2017 to 03-11-2017 upto 2.00 PM**
Date of opening tenders: **03-11-2017 at 3:30 PM**

For detailed information, pl. visit website www.skuast.org

Sd/-
Member Secy. (Equipments)
Central Purchase Committee

No: AUJ/FVSc-CPC/2017-18/F-92/2556-2558
Date: 18-10-2017

Copy to: 1. Chairman CPC, SKUAST-J, Main Campus Chatha.
2. SVC for timely Publishing of NIT in one local and one national daily for wide publicity.
3. Incharge Data Centre for uploading on University Website

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Pre-eligibility Conditions:

The Pre-eligibility Bid should be submitted in separate sealed envelope duly superscribed as **Pre-eligibility bid** which should contain the following documents:

i. Copy of GST certificate.
ii. The copy of the relevant ISO/ BIS certificates.
iii. Copy of PAN/TIN Card of the firm/ Authorized Dealer.
iv. Current dealership agreement from Principal Manufacturer along with SSI/NSIC certificate.
v. Annual turnover of Rs.2.00 crores during last three financial years duly supported by Audited Statement of Accounts.
vi. Undertaking of not being blacklisted by any Govt. Agency/ department.
vii. List of clients presently being served (Agricultural Universities/ Educational Institutes/National Institutes/others separately in the last three years) with Contact name & address with mobile no.
viii. Certificate for successful completion of similar nature of work at any other organization.
ix. Bank Details on letter head along with cancelled cheque.
x. Offers should be accompanied by a DD of Rs.1000/- (non-refundable) in favour of "Comptroller, SKUAST-Jammu" payable at Jammu towards the Tender fee.
xi. Offers should be accompanied by a CDR/FDR of Rs.46,000/- for Item No.1, Rs.28,000/- for Item No.2 and Rs.16,000/- for Item No.3 (refundable) pledged in favour of "Comptroller, SKUAST-Jammu" towards Earnest Money Deposit.

Terms & Conditions

1. The tenders shall only be entertained on the prescribed form of the University. The tender shall be liable to be rejected if it contains mutilation, overwriting and corrections without due attestation by the tenderer.

2. No tender without earnest money in the shape of CDR shall be entertained. The CDR of tenderers shall be released within one month after the purchase process is finalized.

3. Conditional tenders shall be rejected out rightly.

4. The envelop in which tender is submitted must be superscribed as "Procurement of Laboratory Equipments with Item No. and name of the item(s) for which tenders have been submitted".

5. The specifications of the Laboratory Equipment should conform to the highest standards as per relevant BIS/ISO specifications.

6. Tenderers must state categorically whether or not their offer is exact to tendered specifications and indicate deviations, if any, failing which their offer will be ignored.

7. Tenderers shall enumerate the operational experience in similar environment of the equipment offered along with the names, addresses and other references of user's installations.

8. The competent authority i.e., SKUAST - Jammu reserves the right to revise or alter the specifications of the equipment before the acceptance of the tender.

9. Late, delayed and incomplete tenders and amendments and additions to the tender after opening of the same will not be accepted.

10. The Tenderers should include in their tender, provision for tools and initial stock of maintenance spares as are essential for proper operation and maintenance of the equipment. Full particulars of the spare parts should be provided separately.

11. The successful tenderer shall be responsible for erection and installation of the equipment at destination sites and for making it fully operational.

12. The tenderers must provide complete details of space and all infrastructural needs of the equipment which SKUAST-J should arrange before the arrival of the equipment in SKUAST-J to ensure its early installation and smooth operation thereafter.

13. The tenderer shall be fully responsible for the manufacture's warranty in respect of proper design, quality and workmanship of the equipment (s) accessories etc. covered by the tender for a period of 12 months from the date of satisfactory installation/commissioning of the system. The provision for

extended warranty with terms and conditions thereof, if any, may also be specifically mentioned.

14. The tenderers shall make provision for imparting training to our scientists/ maintenance staff on operation and use of Laboratory Equipments, its accessories and trouble shooting repair and maintenance. Cost, if any, of such training and the details regarding the course covered and its duration should be specified.

15. The tenderer should enclose a certificate with the tender stating that
    i) The equipment is of the latest technology.
    ii) The equipment may be upgraded as and when required by SKUAST-J and
    iii) The equipment shall be promptly and properly serviced by them whenever desired and such service will remain available to SKUAST-J for 05 years from the date of its installation.

16. Prices should be quoted in the Format as per Annexure – I and must be inclusive of transit insurance, freight, installation and commissioning at destination sites. Discount, if any, should be shown separately. Additional charges on account of Excise Duty, GST, VAT, Entry Tax or any other charge / levy must be specifically quoted.

17. The offer should be valid for a period of 180 days from the specified date of opening of the tenders.

18. 100% payment shall be made on installation and commissioning of the equipment. However, the tenderer shall have to furnish a bank guarantee equal to 10% of the total cost of the equipment towards performance guarantee for one year which shall be released on successful completion of the warranty period.

19. The Tenders much reach in the office of the Member Secretary (Equipments), Central Purchase Committee, School of Biotechnology,SKUAST-Jammu, Head Office, Main Campus, Chatha, Jammu-180009 not later than the specified time as stipulated in the NIT, if the date on which the tenders are to be received / opened is declared as a public holiday, the tenders shall be received and opened on the next working day.

20. The tenderers and their authorized representatives are at liberty to be present at the time of opening of the tenders.

21. The competent authority of SKUAST-J does not bind itself/himself to accept the lowest or any tender & reserve the right of accepting the whole or any part of the tender or portion of the quantity offered and the bidders shall supply the same at the rate quoted.

22. The equipment to be supplied shall not pass to the SKUAST-J unless and until the equipment has been delivered, installed / commissioned and

accepted, in accordance with the conditions of the contract and to the entire satisfaction of the competent authority of SKUAST-J.

23. The University shall not be responsible for any theft or loss sustained by the tenderer during the period of commissioning/installation. In the event of injury or mishap or illness to any of his worker, the University will not be responsible for any compensation.

24. The tenderer shall be fully responsible for any damage to the University property/ furniture, if any provided to them by the University.

25. All questions, disputes, or difference arising under and out of, in connection with the contract shall be subject to the Courts at Jammu (J&K).

Sd/-
Member Secretary (Equipments)
Central Purchase Committee

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Head Office, Admn. Block Main Campus Chatha,
Jammu (J&K)- 180009

T E N D E R F O R M

Cost of tender document received vide Bank Draft / Cash Receipt No. _____
Dated _____ for Rs. 1,000/-

Tender for: - Procurement of Laboratory Equipments

Earnest Money amounting to Rs. _____ in the shape of Bank CDR / FDR No. _____ Dated _____ of _____ Bank enclosed.

To,

The Comptroller
SKUAST of Jammu
Chatha, Jammu.

I/We_____S/o.Sh._____
R/o_____Prop.M/s _____
_____hereby tender for Fabrication of Polyhouses at SKUAST-Jammu Main Campus Chatha and declare as under : -

1. That I/We have sufficient experience for supply of laboratory equipments etc .
2. That I/We have carefully gone through the terms and conditions of the NIT and bind myself/ourselves to adhere to the quality and quantity parameters and rates.
3. That the rates quoted in the enclosed tender form have been written by me / us under my/our personal supervision and are firm.
4. That I/We shall be bound by the SKUAST of Jammu's instructions regarding quality and quantity of materials and other condiments.
5. That the revenue stamps worth Rs. 5/- have been affixed by me/us.
6. The rates quoted for each Laboratory Equipment are given as per Annexure-I

Name and address of the tenderer

Annexure-I

FORMAT FOR QUOTING OF PRICES TO Laboratory EQUIPMENTS

NAME OF THE EQUIPMENT_____

S.No.	Specification as per NIT	Specification of Quoting Firm	Name of the Firms with complete address/ Ph. No. Fax, etc	Unit Price (Rs. /€/£/$)	Terms & Conditions
		Deviation if any between the Specification as per NIT and Specification of Quoting Firm _____ _____ _____		(a) cost of total unit _____ (b) Taxes _____ (c) Carrying forwarding, air freight, insurance, transportation charges, etc (item wise) _____ (d) Training cost (if any) _____ e) State Entry Tax if applicable _____ **Total Cost at Jammu** _____	FOR Mode of payment Delivery period Warranty

The prices to be quoted should be equipment wise and separate page should be used for every equipment. In addition to hard copies, tenderer should enclose one CD (soft copy).

Signature of the tenderer
(With Company Seal)

Annexure-II

Item No.	Name of the item	Qty.	Detailed Specifications
1.	Quaternary Gradient HPLC	01	**Quaternary Gradient HPLC with accessories:** **1. Hardware Specifications** • The system should be an all-in-one system with system controller, pump, auto sampler, detector and column oven readily available and integrated into a single system. • Usable solvent types should include both organic and aqueous solutions • Automated functions like time-controlled instrument auto-startup, auto purge and automatic validation should be available • The system should also be able to auto-shutdown to reduce power consumption • A built-in system controller with graphical user interface (GUI) and touch-screen functions available are more favourable& System Locking Function should be available. • System controller GUI should display status of flow line and should synchronise with workstation software using Interaction Communication Mode (ICM) **2. Quaternary Gradient Solvent Delivery Unit with Degassing Unit** • It should be a Quaternary Low-Pressure Gradient pump& Parallel Double Plunger. • Number of solvents delivery should be 4 solvents • The flow rate setting range: 0.0001 to 10 ml/min • Flow rate accuracy : ±1% • Flow rate precision should be less than 0.06% RSD • Maximum Pressure: 6300 Psi or more • The concentration accuracy should be below 0.5% & composition precision below 0.1% RSD • Degassing unit should have 5 flow lines **3. UV-Vis Detector** • Light source: Deuterium lamp. • The spectrum Band width: 8nm • Wavelength range : 190nm to 700nm • Sampling Rate: 100 Hz • The flow cell must be temperature controlled . • Wavelength accuracy must be ±1 nm maximum &Wavelength reproducibility must be ±0.1 nm • Drift should be less than 1 x 10-4 AU/Hour&Noise level should be ±2.5 x10-6 AU • It should be able to monitor and quantitate 2 wavelengths simultaneously • Linearity should be equal or more than 2.5AU **4. Auto-Sample Injector with cooler** • Injection Method: Total volume sample injection. • Injection Volume setting range: 0.1 µl to 100 µl. • Injection cycle time: Min 14 Sec. • The Carry over must be below 0.003 %. • Injection volume accuracy must be below 1%&The

			injection precision should be less than 0.20% RSD • Samples for processing: 200 or more **5. Column Oven** • It should be forced-air-circulation type. • The temperature control range should be (Room temperature -10) to 85˚C • Temperature setting in steps of 1˚C **6.Fluorescence Detector** • Wavelength range 200-650nm • Light Source : Xenon lamp • Scanning of Samples • Wavelength Accuracy : ± 2nm • Sensitivity : Water Raman Peak 1200 signal-to-noise • Spectral Bandwidth : 20nm • Cell Volume : 12ul **7.Software** • Operation of the system should be very easy and intuitive via a state-of-the-art 32/64 bit Windows 7 based software • Software Should be 21 CFR Compliance • Software must be able to link with Windows Users or Active Directory Users • It should cover full one-point digital instrument control, qualitative and quantitative processing, report creation and self-diagnosis • Software must register all events (log files) audit trails for Data, Method, Batch, Report, System Policy and User Administration • System suitability, System security as well as System check functions must be provided which comply with Good Laboratory Practice (GLP) and Regulatory Conformity **8.Column** • C 18 column and C8 Column (1 No.) (250mmx4.6mmx5u) **9. Accessories:** Latest PC (Latest configuration of i3 Processor with 4 GB RAM, 500 GB HDD, Windows 8 and 19" LED Monitor), B&W Printer, UPS (3 KVa), Bottles (5 Nos.) **10.Warranty :** 2 years standard warranty should be provided
02	**Texture Analyzer**:	01	Single column high rigidity frame with space for keeping samples. Load cell to Conform ISO, American & European Standards. Load Range 1N ~ 500N Load frame Capacity: Not lesser than 510kg Force Resolution: Should be lesser than or equal to 1g Force Accuracy: Not greater than 1% Distance between crosshead & surface: Not less than 500mm **Speed Range: 1.6667×10-5mm/sec - 17mm/sec** Speed Accuracy should be within 0.1% all speeds. Position Accuracy: ±0.01mm **Data Acquisition rate to be greater or equal to 1000Hz** • Operating Temperature at ambient temperature not more than 40°C • PC Interface through USB 2.0. • Power Supply: Not more than 230VAC, 50/60Hz • Data processing software (Trapezium) should be through PC and enabled with Texture Profile Analysis Curve.

			• Data offline analysis must be possible • Report generation with desired logo, graphs and technical details with user name, batch no, date and more essential features should be possible. • Emergency switch to be housed at a prominent place for easy reach. • Machine with suitable option for replacing load cells between 1N to 500N by the customer. • Jig platform with standard plate. • With suitable jigs.
03	**Feed Mixer**	01	• Double ribbon screw mixer • 10 HP motor • Operational capacity of about 1 ton per hour • Along with all accessories for pre-grinding etc. and connectors (complete with installation).

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