



सीएसआईआर-केंद्रीय खाद्य प्रौद्योगिक अनुसंधान संस्थान

CSIR- CENTRAL FOOD TECHNOLOGICAL RESEARCH INSTITUTE

मैसूरु / MYSURU-570 020, भारत / INDIA

(Constituent Laboratory of CSIR, New Delhi (Ministry of Science & Technology))

An ISO 9001:2008, ISO 14001:2004 & ISO 17025:2005, NABL Accredited Laboratory

सं. /No. CFTRI /79506/2020

दिनांक / Date: 04th June 2020

निविदा आमंत्रण सूचना

NOTICE INVITING TENDER

क्रम सं. Sl. No.	निविदा संदर्भ Tender Reference	विवरण / Description
1	A3/79506/2020-21	UV Spectrophotometer --- 1 No

1. Director, CSIR-CFTRI, Mysuru invites tenders for supply, installation and satisfactory commissioning of UV Spectrophotometer --- 1 No
2. Last date for submission of Tender is 2.00 P.M. (IST) on 17/6/2020 on line in etender.gov.in.
3. Bid Security(EMD) NIL
4. Bid Opening on line in etender portal at 2.30P.M(IST) on 18/06/2020

हस्ता./Sd/-

अनुभाग अधिकारी (भंडार एवं क्रय)

Section Officer (Stores & Purchase)

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Technical specification for UV Spectrophotometer

a) Instrument Specifications

1. Source must be Tungsten & Deuterium lamp with automatic changeover.
2. Monochromator: Blazed holographic grating with 1200lines/mm, Czerny Turner with 0.2 m focal length.
3. Detector : Suitable and stable Si diodes/PMT for Sample and Reference
4. Double beam photometric system
5. Wavelength range should be 190-1100 nm or better
6. Spectral Bandwidth should be Variable from 0.5 to 20 nm or better for better method development
7. Wavelength Accuracy should be ± 0.1 nm at D2 peak @ 656.1 nm, ± 0.3 nm for full range
8. Wavelength Reproducibility should be ± 0.1 nm
9. Photometric Range should be -4 to +4 or better
10. Photometric Accuracy should be $\pm 0.002A$ (0.5 Abs) and $\pm 0.004A$ (0.5 Abs)
11. Photometric Reproducibility should be ± 0.001 Abs @ 0.5 Abs
12. Baseline Stability should be < 0.0003 Abs/h (700nm, after One hour warm up)
13. Baseline Flatness should be ± 0.0005 Abs (After one hour warmup)
14. Photometric Noise should be < 0.00005 Abs or better (at 700 nm, RMS)
15. Maximum Scan Rate should be 3000 nm/min or better

b) System and Software: System compatible original Licensed Software should be quoted with following capabilities:-

- a. Multi-mode measurement -Software should measure Absorbance, Transmittance and Reflectance at the full or selected Wavelength with real-time spectral displays and live instrument and accessory status bar.
- b. Software should have facility to export data to Clip board, CSV file, Excel file, BMP file, ASCII file, JCAMP file Zoom In / Out, Add / Edit Labels.
- c. Software must have Scan, quant, kinetics and biomodes by default.
- d. Standard PC (i3/i5) with 4GB, 500 GB HDD, Flat Screen Monitor, Optical Mouse, pre-loaded Windows and Laser Jet Printer should be quoted along with system.

c) Warranty - 1 years standard warranty

INSTRUCTIONS TO BIDDERS

1. The Instructions, Terms & Conditions, General Conditions of Contract (GCC), Special Conditions of Contract (SCC), Annexures and Formats hosted in our website www.cftri.res.in [Path: Home page → Tenders → Standard Tender Document (Scrolling Text)] constitutes integral part of this tender.
2. Bidders should submit their financial bid in the format provided BOQ (Price Schedule Format) and same has to be uploaded in the above etender.gov.in. It is mandatory for all the bidders to upload duly filled Price Schedule Format towards submission of their Financial Bid. No changes or modification to the given format is acceptable. Bidders are required to go through the instructions carefully before filling the Price Schedule Format.
3. Bid Security (EMD) is **not applicable** for this tender.
4. Performance Security is **not applicable** for this tender.
5. **Integrity Pact is not applicable for this tender.**
6. **Warranty:** Minimum **One Year** (1 Year) from the date of Installation and Commissioning and acceptance
7. **Delivery Period:** Delivery should be affected within 3-4 weeks from the date of issue of Purchase Order.
8. **Terms of Payment:** The method and conditions of payment to be made to the supplier under this Contract shall be as follows:

Payment for Goods and Services supplied from India:

Payment for Goods and Services supplied from within India shall be made in Indian Rupees, [INR] as follows:

On Delivery, Installation and Acceptance: 100 % (Hundred Percent) of the Contract Price shall be paid on receipt of the Goods, installation and commissioning upon submission of the documents specified in GCC/SCC and the acceptance certificate issued by the Purchaser.

9. Cover Details- DOCUMENTS TO BE UPLOADED:

Cover- 1 PreQual/Technical/Finance(Techno-Commercial Details

- 1.a) Catalogue/Brochure and Model Quoted
- b) Two(2) Purchase order copies from reputed Govt. Research Institutes for the same equipment to comply with minimum eligibility criteria.
- c) User list for the quoted model along with Contact Numbers and Email Id
- d) Warranty offered.

2. Bidder Information Form – Annexure-1;
3. Manufacturer's Authorisation Form – Annexure -2;
4. Performance Statement Form – Annexure -5;
5. Deviation Statement Form – Annexure – 6;
6. Bidders must furnish a Compliance Statement of each and every required specification of our tender, Annexure-8;
7. Documents establishing goods eligibility and conformity to bidding document; indicating the Indian Customs Tariff Number (ICT & HSN No.)
8. Schedule of Requirements – (Refer Chapter 5 for Format)
9. Declaration abiding by the Code of Integrity and no conflict of interest for public procurement – Annexure-11

Cover – 2 BOQ/Price Bid - Please mention amount in Rupees in all the columns, Please refer our web site www.cftri.res.in for Standard Terms & Conditions (1.12)

10. After technical evaluation, among technically qualified bids the Lowest bidder in BOQ will be awarded of Contract.

11. CSIR - Central Food Technological Research Institute, Mysuru is registered with the Department of Scientific and Industrial Research (DSIR) for purposes of availing Customs Duty exemptions in terms of Notification No.43/2017- Customs dt. 30.6.2017 and Concessional GST rates @5% in terms of Notification No: 45/2017 and 47/2017 Dt. 14.11.2017. Please refer our Standard Terms & Conditions uploaded in www.cftri.res.in for additional details.

CSIR-CFTRI's GSTIN is 29AAATC2716R2ZA

P.S: Please refer to our Standard Terms & Conditions uploaded in www.cftri.res.in for format of annexure. Any other supporting documents to avail preference/benefits as per standard tender document must be uploaded with the technical bid for technical qualification.

Section Officer (S&P)
CSIR-CFTRI, Mysore