

**Dr. S. S. Bhatnagar University Institute of Chemical Engineering and
Technology, Panjab University, Chandigarh**

October 15, 2020

NOTICE INVITING QUOTATIONS FOR WATER TESTING KIT

Sealed Quotations, in duplicate, are invited from authorized distributors by registered Post/Courier for the supply of **WATER TESTING KIT**, along with the **data acquisition system**, as mentioned in the specifications of the Equipment, to be purchased by the **Prof. Anupama Sharma, Principal Investigator, DST Project, Dr. SSB University Institute of Chemical Engineering and Technology, Panjab University, Chandigarh.**

1. The make, packing, and other particulars of the item should be clearly stated.
2. While submitting the quotations please take in to consideration the following points:
LAST DATE AND TIME FOR RECEIPT OF QUOTATIONS: October 29, 2020 till 4:00 pm
DATE AND TIME OF OPENING OF QUOTATIONS: Will be intimated later
3. Tenders received after the due date will not be accepted. If the last date for submission of Tender falls on any declared holiday in the University, the next working day will be considered as the last date for the same.
4. The bids prepared by the Tenderer and all correspondence and documents relating to the bids, shall be written in English language.
5. The contract for the supply of the items is non-transferable.
6. Each offer should be complete in all respects.
7. Telegraphic/electronic/conditional offers will not be accepted

GENERAL TERMS AND CONDITIONS

1. Please quote F.O.R destination Chandigarh.
2. Prices should be quoted separately for the main equipment and the optional accessories.
3. **Tenders should be sent with 2% EMD (of the total cost of the equipment) by DD**, (returnable at the time of installation) in favour of Principal Investigator, DST Project, Panjab University, payable at Chandigarh. The EMD will be returned to unsuccessful Tenderer only after the Tenders are finalized. In case of successful Tenderer, it will be retained till the successful and complete installation of the equipment.
4. EMD, Technical quote and Price quote all should be in separate sealed envelopes, clearly marked as **“EMD”, “Technical Bid/Quote” and “Price Bid/Quote”**. Put all envelopes in one big envelope.
5. The envelope containing EMD, Technical quote and the price quote must be marked with : **“QUOTATION for WATER TESTING KIT UNDER DST PROJECT”** and addressed to Prof. Anupama Sharma, Principal Investigator, DST Project, Dr. SSB University Institute of Chemical Engineering and Technology, Panjab University, Chandigarh.

6. It should be clearly stated that the rates are inclusive of taxes and everything including packing, transport, freight, insurance, custom charges etc.
7. Ensure that all essential spare parts and maintenance/repair services will be available in India with Indian agent as and when required
8. Validity of the Quotation should be at least 90 days
9. **Warranty Period:** The **warranty period of instruments should be minimum 2 years** (with spares) from the date of installation with satisfactory performance as per specifications.
10. **Installation requirements:** The Supplier will clearly mention installation requirements on our part in the Techno-Commercial bid
11. **Descriptive literature:** The printed literature and catalogue/brochure giving full technical details should be included with the technical bid to verify the specifications quoted in the tender.
12. **Equipment must be new:** The Tenderer must ensure that the equipment being offered is a new one and not refurbished or repaired one.
13. **Defective Equipment:** If any of the equipment supplied by the Tenderer is found to be substandard, refurbished, unmerchantable or not in accordance with the description /specification or otherwise faulty, the PI will have the right to reject the equipment or its part. The prices of such equipment shall be refunded by the Tenderer with 18% interest if such payments for such equipment has already been made to him.
14. All damaged or unapproved goods shall be returned at suppliers cost and risk and the 5 incidental expenses incurred thereon shall be recovered from the supplier. Defective part in equipment, if found before installation and/or during warranty period, shall be replaced within 45 days on receipt of the intimation from this office at the cost and risk of supplier including all other charges
15. Also provide :
 - a) Certificate that the quoted price is reasonable, not greater than that charged from any other Govt. institute,
 - b) Copy of authorization by the manufacturer or the Indian agent,
 - c) User list in India
16. GST is to be charged @ 5% as the equipment is to be used for research work (the necessary certificate for exemption in GST will be provided at the time of placing the order)

Note: It is for the information of all the departments that in terms of the government of India, notification no. 47/2017 integrated Tax (Rate) dated 14.11.2017 and P.U. Notification dt. 23/01/2018, the applicable Integrated Tax (Rate) under GST Act 2017 on goods procured for Scientific and research purpose shall be 5%. You are requested to charge the GST @5% in compliance to the aforesaid notification.

Technical Specifications

| Sr No. | Product Description |
|--------|---|
| 1 | AE 408 Arsenic test kit 0.0, 0.05,0.1,0.2,0.5,1.0,2.0,3.0 mg/l as Arsenic |
| 2 | AE 407 Chemical Oxygen Demand (COD) 40 to 400 mg/l as COD |
| 3 | AE 208 Chromate (Hexavalent) 5-100, 25-500 mg/l as Chromate |
| 4 | AE 310 COPPER TEST KIT 0.25,0.5,0.1,1.5,2.0,2.5,3.0,4.5,5.0 mg/l as Copper |
| 9 | AE 306 PH TEST KIT |
| 10 | AE 300 Turbidity TST KIT 1 , 5 , 10 , 25 NTU |
| 11 | AE 305 ZINC TEST KIT 0.1,0.25,0.5,1.0,2.5,5.0, 7.5,10.0 mg/l as Zinc |
| 12 | AE 310 COPPER TEST KIT 0.25,0.5,0.1,1.5,2.0,2.5,3.0,4.5,5.0 mg/l as Copper |
| 16 | AE 106 WATER TESTING KIT (Acidity & Alkalinity, Magnesium & Calcium, Ammonium Sulphate, Chloride, Heavy Metal as lead, Mercury, |
| 17. | WATER TESTING KIT FOR HEAVY METAL COPALT,URANIUM |
| 18 | BS101 (Yeast & Fungi + Total Bacteria Count) Test Kit |
| 19 | BS 102 E.coli + Total Bacteria Count) Test Kit |
| 20 | BS103 (Pseudomonas + Total Bacteria Count) Test Kit |
| 22. | BS PP2 Salmonella Species Test Kit |
| 23 | BS PP3 Staphylococcus Aureus Species Test Kit |
| 24 | PORTABLE CHLORINE METER Microprocessor based fast, reliable and accurate measurements Range: 0-5 ppm Resolution: 0.01 ppm, Accuracy: $\pm 1\%$ for < 2 ppm & $\pm 3\%$ FS for > 2 ppm |
| 25 | PORTABLE TURBIDITY METER Microprocessor based fast, reliable and accurate measurements, Range: 0 - 1000 NTU, Resolution: 0.01 to 1 NTU, Accuracy: $\pm 3\%$ for < 500 NTU & $\pm 5\%$ for > 500 NTU |
| 26. | MULTI PARAMETER BENCH TOP METERS PH,TDS,CONDUCTIVITY,ORP,TEMP SALT with display and control through PC Advance Microprocessor based, Built in ATC (Automatic Temperate Compensation), Advance Storage / Memory function with USB Connectivity Ph range (-) 2 to 16, Accuracy: $\pm 0.01 + 1$ Digit, Resolution: 0.01 pH, ORP range ± 1999 mV, Accuracy: 2%, Resolution: 0.1 to 1 mV Conductivity range: 0 to 200mS/cm, Accuracy: $\pm 1\%$ FS, Resolution: 0.1 μ S/cm to 0.1mS/cm TDS range 0.0 to 100 PPT, Accuracy: $\pm 1\%$ FS, Resolution: 0.1 PPM to 0.1 PPT Salinity range : 0.0 to 100 PPT, Accuracy: $\pm 1\%$ FS, Resolution: 0.1 PPM to 0.1 PPT TEMP range : 0 to 100 Deg C, Accuracy: $\pm 0.2 + 1$ Digit, Resolution: 0.1 Deg C |
| 27. | Data acquisition system (Branded Desktop with i7 Processor 9700, 8-core, 12 MB cache, RAM: 8GB or more DDR4, 2666 MHz, HDD: 1 TB SATA 7200 RPM, Motherboard Intel, keyboard and mouse, 18" screen) |