

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119

No. CED/ENVI/NITK/2017/27/1866

Dated: 01/05/17

M/s Institute Website

**Sub: INVITATION OF QUOTATIONS FOR TOC ANALYZER**

1. You are invited to submit your most competitive quotation for the following goods:

Sr.No.	Brief Description & Specifications of Goods	Quantity
1.	TOC Analyzer	01 No.
(Detailed Specifications are attached)		

2. Necessary literature of the goods may please be sent to facilitate to take decision.
3. All duties taxes and other levies payable by the Institute shall be included in the total price. This Institute does not issue Form C or D.
4. Payment will be made Online through RTGS/NEFT within 30 days after receipt of material in good condition and according to specifications. The Bank detail for making online payment may be indicated in the quotation.
5. The supplier shall deposit Earnest Money alongwith the Quotation amounting to Rs. 50000 /- in shape of Accounts Payee Demand Draft, Fixed Deposit Receipt, Bankers Cheque or Bank Guarantee from any commercial Bank in favour of the Director, National Institute of Technology, Kurukshetra. The Quotations without Earnest Money shall be rejected, the EMD will remain valid for a period of 45 days beyond the final validity period of quotation.
6. Performance Security @ 05% of the total value of the equipment may be furnished in shape of Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any Commercial Bank in favour of the Director, NIT Kurukshetra valid upto 60 days after the date of completion of warranty .
7. The items must be supplied within delivery period or delivery period extended by the Institute on the request of the supplier on genuine grounds otherwise the penalty for delayed period @ 0.5% of the amount shall be charged for every week or part thereof and the maximum 10%..
8. The goods are not required exclusively for Research Purpose. The Duties are payable by the Institute.
9. The quotation should remain valid for a period not less than 60 days from the date of submission.
10. The right of accepting or rejecting any quotation and to cancel the bidding process and reject all quotations without assigning any reason is reserved with the Institute.
11. The due date for receipt of quotation is 17.05.2017 and will be opened on next working day. Please quote on the top of the envelope our Ref. No. and due date of opening.

  
Deputy Registrar (I/c Stores)

## Revised Specifications of TOC Analyser

High sensitivity TOC analyzer with PC control along with all essential accessories including latest version of PC control software to run the instrument for measurement of TOC, TC, TIC and NPOC in water and wastewater samples. The system should be complete with all essential features, essential accessories and spare consumables for installation, commissioning and satisfactory operation for 3 years of warranty period.

1. Measurement Method: High temperature combustion oxidation and/or other equivalent oxidation technique – non-dispersive infrared detection (NDIR)
2. Measuring Range: 0 - 30,000 ppm
3. Detection Limit: Minimum 10 ppb or better
4. Measurement Time for each sample. : 3 - 6 minutes
5. Compliance with International Standards, Methods & Regulations: ISO, EPA, ASTM, APHA, etc.
6. Reagent Addition & Dilution: Automatic
7. Calibration: Multi-Point
8. Power: AC 220-240 V, 50-60 Hz
9. Ambient Temperature Range: 10 – 40 °C

The complete instrument system should include all essential accessories including branded high end Desktop PC with state-of-the-art hardware, UPS, laser printer, Software, online UPS for instrument, zero air cylinder with 2 stage diffusion resistant regulator, gas purification system, manual injection kit, operating manuals, dust covers, maintenance kits, glassware items, reagents, calibration standards, vials, batteries, etc. Compatible auto samplers may be quoted as optional items.

**Warranty:** Three years from the date of installation

**Installation & Servicing:** The equipment should be installed by certified engineer of the firm. The service engineer of the firm shall be visiting as frequently as necessary for emergent repair and maintenance with minimum frequency of every six months for routine maintenance of instrument and accessories during 3 year warranty period.

**Accessories and Spare Consumables:** The instrument should include all essential accessories and spare consumables for satisfactory continuous operation during three year of warranty period.

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06/02/17

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