

Department of Chemical Engineering

16th Sept 2015

Subject: Corrigendum of Procurement of PC BASED ATOMIC ABSORPTION SPECTROPHOTOMETER

We had advertised for the Quotations in a sealed envelope for PC BASED ATOMIC ABSORPTION SPECTROPHOTOMETER, with the following specifications **(NIT 5774)**. The clarification of "**sealed envelope**" can be found in point 7 in terms and condition. In addition, the technical bid should contain **a compliance statement and technical literature** (check point 6 in terms and conditions). Vendor, who has submitted two separate bids, compliance statement and technical literature need not resubmit the quotation.

1.	Computer controlled Atomic Absorption Spectrophotometer
2.	Four Lamp turret with independent Four power supplies.
3.	Ebert Monochromator with Wavelength range 190-900 nm. holographic Grating 1200 lines/mm. Focal length 330mm.
4.	Capable of wavelength location by automatic peak searching, auto loading of all parameters and auto bandwidth selection & continuously variable selection 0.2-2.0 nm with D2 lamp background correction.
5.	Titanium burners for C2 H2 -N2O & C2H2- AIR with precise knobs for burner optimization i.e. height, rotational & lateral
6.	Fully inert nebulizer .
7.	Fully Safe and sturdy having independent flow meter and regulator for fuel & oxidant.
8	PTFE spray chamber and adjustable impact bead aerosol.
9	PC operating software able to run with MS windows software compliance with international quality norms and have upgradeable facility
10	Suitable Computer system ISO certified and printer should be quoted. The system may also be upgraded with all major accessories. Suitable for 230V: 50/60 Hz operation.
11	Single element Hollow Cathode Lamps Ba,Ca,Mg,Na etc.
12	Software: System should have facilities of repeat of result of same sample. & data treatment . Automatic calculation of percentage in base material.
13	Installation accessories : Acetylene and Nitrous Oxide cylinder with regulator, air compressor, air filter, voltage stabilizer Spares and consumables for 2 years operations.SS Exhaust Fume Hood with inert centrifugal blower, Instruction manual & Circuit diagram to be provided.

Optional

Accessory	Vapour Generation Accessory -for ppb level of Arsenic, Mercury, Selenium, Antimony and other Hydride forming elements.
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Terms and Conditions

1. Please quote prices C.I.F. IIT D.
2. Quotations must be valid for at least three months from the date of the NIQ and indicate the delivery schedules. Payment terms and conditions should be clearly mentioned. No advance payment is encouraged by IIT Delhi.
3. A special discount/rebate must be given wherever admissible keeping in view that supplies are being made for research purpose in respect of public institution of national importance, may please be indicated.
4. If the item quoted is proprietary in nature, please enclose a proprietary certificate from the principals.
5. The Institute reserves the right to accept or reject any or all quotations without assigning any reasons thereof. No correspondence regarding acceptance /rejection of quotation will be entertained.
6. **Firm MUST provide a compliance statement vis-à-vis specifications in a “tabular form” clearly stating the compliance and giving justification, if any supported by technical literature with clear reference of page number, paragraph or lines. This statement must be signed, with the company seal, by the tendered for its authenticity and acceptance that any incorrect or ambiguous information found submitted will result in disqualification of the tender. The quotation should be complete in all respects (as per IIT-Delhi rules).**
7. **Sealed quotations in separate envelopes of Technical and Commercial bids kept in one sealed outer envelope (super-scribed “Quotation for AAS”) should be addressed to Head of Department Attn: Dr. Sudip K. Pattanayek, Department of Chemical Engineering, Indian Institute of Technology, Hauz Khas, New Delhi 110016, INDIA and should reach by 5.00pm September 23, 2015.**

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