

Department of Chemical Engineering

1 st Sept 2015

Notice Inviting Quotations

Subject: Procurement of PC BASED ATOMIC ABSORPTION SPECTROPHOTOMETER

Quotations are invited in a sealed envelope for **PC BASED ATOMIC ABSORPTION SPECTROPHOTOMETER**, with the following specifications:

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 e.t.c.
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.

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.
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. Quotation should be received on or before 15-09-2015, 5 PM, and must be addressed to:

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