

**Delhi Technological University**  
**Shahabadpur Daulatpur, Bawana Road, Delhi-110042**  
**Department of Applied Chemistry**

File No: DTU/AC/2019-20/475

Date: November 6, 2020

**NOTICE FOR INVITING QUOTATION FOR ION METER/ION ANALYZER**

Principal Investigator of the Project entitled "SYNTHESIS AND STUDY OF NANO-STRUCTURED POLYANILINE FOR ERADICATION OF HAZARADOUS WASTE: A NEOTERIC ADSORBENT FOR WASTEWATER TREATMENT" in Department of Applied Chemistry invites, on behalf of Delhi Technological University, sealed quotation from agencies within twenty days of this notice in HoD Office, Department of Applied Chemistry, Science Block, DTU addressing Dr. Raminder Kaur, for the supply of following item of specifications mentioned below.

S. No.	Name of the item	Quantity	Time allowed to supply	Last date of Receipt of the Quotation
1	Ion Meter/ Ion Analyzer	01	One month	15 days from the advertisement

**Technical Specifications Required:**

<b>pH</b>	
Range	: -2.00 to 20.000
Resolution	: 0.1, 0.01, 0.001
Relative Accuracy	: ±0.002
<b>mV</b>	
Range-mV	: ± 2000.0 mV
Resolution	: 0.1
Relative Accuracy	: ±0.2 mV or ±0.05% of reading whichever is greater
E <sub>H</sub> ORP Mode	: Yes
<b>ISE</b>	
Range	: 0 to 19999
Resolution	: Up to 3 significant digits
Relative Accuracy	: ±0.2 mV or ±0.05% of reading whichever is greater
Units	: ppm, M, mg/L, %, ppb, none
Calibration Features	: Timed end point, linear point to point, nonlinear selectable auto-blank, low concentration range stability
<b>Temperature</b>	
Range	: -5 to 105°C, 23 to 221°F
Resolution	: 0.1
Relative Accuracy	: ±0.1
offset Calibration	: 1 Point
<b>Datalogging</b>	
Number of points	: 2000 with time and date stamp
Log Function	: Manual, ready (includes AUTO- READ™), timed
Log Edit	: Delete individual points, group of points or all
<b>Inputs</b>	
pH Electrode	: BNC, reference pin
ATC Probe	: 8-pin mini-DIN
<b>Output</b>	: RS232, USB
<b>Power</b>	
AC Adapter	: Included-universal, 100-240 VAC

**Accessories :**

1. Cadmium Combination Electrode, Range : 0.01-11200 ppm
2. Cadmium standard
3. Lead Combination Electrode, Range : 0.2 to 20,700 ppm
4. Lead Standard 0.1M Pb(ClO<sub>4</sub>)<sub>2</sub> – 475ml bottle

*Raminder Kaur*  
*8/11/2020*

Interested vendors can submit their quotation along with terms and conditions and a copy of GSTIN No and PAN card within seven days of this notice in Room No. IW-SF-09, Department of Applied Chemistry, Science Block, DTU, addressing Dr. Raminder Kaur.

Raminder Kaur  
06/11/2020

Dr. Raminder Kaur  
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S.G. Warkar  
06/11/2020

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