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 HAZARDOUS 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.

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the item</th>
<th>Quantity</th>
<th>Time allowed to supply</th>
<th>Last date of Receipt of the Quotation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ion Meter/ Ion Analyzer</td>
<td>01</td>
<td>One month</td>
<td>15 days from the advertisement</td>
</tr>
</tbody>
</table>

**Technical Specifications Required:**

**pH**
- Range: -2.00 to 20.000
- Resolution: 0.1, 0.01, 0.001
- Relative Accuracy: ±0.002

**mV**
- Range-mV: ± 2000.0 mV
- Resolution: 0.1
- Relative Accuracy: ±0.2 mV or ±0.05% of reading whichever is greater

**Equilibrium ORP Mode:**
- Yes

**ISE**
- 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

**Temperature**
- Range: -5 to 105°C, 23 to 221°F
- Resolution: 0.1
- Relative Accuracy: ±0.1
- Offset Calibration: 1 Point

**Datalogging**
- 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

**Inputs**
- pH Electrode: BNC, reference pin
- ATC Probe: 8-pin mini-DIN

**Output**
- RS232, USB

**Power**
- 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(ClO₄)₂ – 475ml bottle
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.

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