Sealed Quotations are invited for the supply of following items in Electrical Engineering Department. The sealed envelope containing technical and financial bids separately should reach to the office of the Head, Department of Electrical Engineering, Delhi Technological University, Delhi-110042 latest by 28th February 2020.

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Items/Specification</th>
<th>Make</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>High Voltage DC Test Set Specification enclosed.</td>
<td>RE, KV Tek etc which has proper certification</td>
<td>01</td>
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</tbody>
</table>

Details specification attached

(Prof. Uma Nangia)
Head,
Department of Electrical Engineering

Specification of High Voltage DC test set

**DC dielectric Test set**

*Technical Specifications*

Output Voltage: 100 kV DC
Output Current: 100 mA
Input Voltage: 230 V, 50 Hz
Ripple: Within 2% of 10mA

*Supplied complete with*
High Voltage Test Transformer rated for 100 kV, 100 mA, 10 kVA
Control Panel: for control of test equipment

*Other specifications:*
Protection:
A fast acting DC Relay to isolate the circuit when the HT current exceeds preset level
Back up protections for return positive voltage/current
High current surge protection
Auto discharge system
AC back feed protection
Interlocking
The unit should include zero interlocking to avoid the transients on HV transformer
Earth interlock to ensure that HT will not actuate in case of improper earthing
Termination: High tension and earth potential output on suitable HT insulator