

**ELECTRICAL ENGINEERING DEPARTMENT  
DELHI TECHNOLOGICAL UNIVERSITY  
SHAHBAD DAULATPUR, BAWANA ROAD, DELHI-110042**

No. F. DTU/EED/Tender/2020/3104

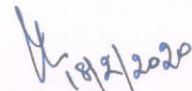
18<sup>th</sup> Feb, 2020

**NOTICE INVITING TENDER**

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 **28<sup>th</sup> February 2020**.

S. No.	Items/Specification	Make	Qty
1	High Voltage DC Test Set Specification enclosed.	RE, KV Tek etc which has proper certification	01

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

Professor & Head  
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