

**Dept. of Electrical Engineering
Indian Institute of Technology
Hauz Khas, New Delhi-110 016**

NOTICE INVITING QUOTATIONS

Date: **3-Mar-2016**

Subject: **Purchase of 1 kVA single-phase isolation transformer in lab setup**

Invitation for Tender Offers

Department of Electrical Engineering, IIT Delhi invites sealed tender offers in two bid format (Technical bid and Commercial bid) from eligible and experienced OEM (Original Equipment Manufacturer) OR OEM Authorized Dealer for **supply of 60 numbers of 1 kVA single-phase isolation transformer** with two years on site comprehensive warranty from the date of receipt of the material as per terms & conditions specified in the tender document.

TECHNICAL SPECIFICATION:

60 numbers of single-phase double wound isolation transformer in sheet steel floor mounting ventilated case. The primary should have two winding, and the secondary should have two windings. The ratings are given below:

Primary: 0-120 V two windings, 1-phase, 50 Hz, AC, 4-terminals.

Secondary: 0-120 V two windings, 1-phase, 50 Hz, AC, 4 terminals.

Capacity: 1 kVA

No load current should be less than 0.4 A. Efficiency should be better than 96%. It should confirm to IS2026, 11171. Regulation should be better than 5%. It should be natural cooled.

The winding ends must be connected to touch proof terminals which will be mounted on the case with clear makings. The terminals should be 4mm rigid panel mount binding post sockets. These panel mount sockets accept spring loaded Ø 4mm plugs with rigid insulating sleeve.

The unit should be robust in design with good record of previous operational experience.

Terms & Conditions

1. Letter from the manufacturer for this tender is to be attached for authenticity of dealership/agency, and the dealer should be authorized service provider.
2. Special discount/rebate wherever admissible may please be indicated, keeping in view that the supplies made for educational purposes in respect of the public institution of national importance.
3. Vendors should attach the relevant product brochures/datasheets for the model quoted.
4. Validity of the quotation should be at least 90 days.
5. Vendors will do the installation and demonstration of the equipment at IIT Delhi premises without additional charges.
6. Taxes, terms and conditions should be clearly mentioned. Transport charges, if applicable, should be included in the commercial bid.
7. Warranty period should be clearly mentioned.
8. Payment terms and conditions should be clearly mentioned. Record of previous purchase orders and operational experience is desirable.
9. The Institute/purchase committee has the right to accept or reject any bid or all quotations without assigning any reason whatsoever.

Sealed quotations in separate envelopes of Technical and Commercial bids in one sealed outer envelope should be addressed to Dr. Ramkrishan Maheshwari, Department of Electrical Engineering, IIT-Delhi, Hauz Khas, New Delhi 110016 and should reach the Department of Electrical Engineering, IIT-Delhi by 5.00 PM on 18-03-2016.