

DEPARTMENT OF ELECTRICAL ENGINEERING
INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY,
SHIBPUR, HOWRAH-711 103.

No. 304/EE-3/21 (CPDA-AD)

Dated :28/02/2017

Advt.No.Web/EE/IIEST/16-17/123

From : The Head of the Department,
Electrical Engineering,
IIEST, Shibpur, Howrah-711 103

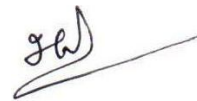
To :

Enlisted vendors of the institute and other interested parties.

Dear Sirs/Sirs,

Kindly quote for the following item/items within **7days** from the date of publication in the website. The quotation should include the taxes, delivery charges, etc. to Indian Institute of Engineering Science and Technology, Shibpur and should mention a firm delivery period. Preferences will be given to the suppliers who can supply ex-stock.

Yours faithfully,



Head of the Department,
Electrical Engineering
IIEST, Shibpur, Howrah – 711 103

List of Items:

Please see overleaf

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Sl.	Particulars & Description of Item	Qty	UOM
1.0	<p>Supply, Installation, Testing and Commissioning of scaled-down model of transformer for research work involving transformer winding design and performance analysis. The model should be suitable for the purpose of observing the performance through relevant experiments in the laboratory.</p> <p>Detailed technical specifications:</p> <ol style="list-style-type: none">1. Voltage / Insulation level: Individual coil insulation should be of at least 1 kV grade, suitable for testing under low voltage impulse in the laboratory2. KVA rating shall be approximately 1 KVA.3. Minimum 6 disk coils are to be developed.4. Number of turns/coil and inter-turn insulation should be decided to provide per disk capacitance value of minimum 1000pF.5. Coils are to be mounted on a Ferromagnetic core. Either laminated solid core or a hollow tubular core made of bended GI sheet may suffice the purpose of high frequency testing).6. Provision for varying the vertical spacing between the coils should be there.7. Tappings are to be brought out from the interconnection/ junctions of the consecutive coils for the purpose of measurement/probing.	1.0	No.