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

No. 01/2019/EE-3/21(KDB) Dated: 01/01/2019

From: The Head of the Department, Electrical Engineering,

IIEST, Shibpur, Howrah-711 103

To: Enlisted vendors of the institute and other interested parties/ For Website Tender.

Dear Sir(s),

Sealed quotations are invited for supply of the following item(s) within <u>7 working days</u> from the date of publication of this advertisement in the website. The quotation should include the 5% GST only as per institute rule, delivery charges, entry tax if any, etc. to Department of Electrical Engineering, 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.

The vendors, who are not enlisted in the Institute register, should submit the copies of their valid Trade License, GST registration, PAN, latest Income Tax / Sales Tax Statement /Return, SSI/MSME certificate, if any etc. and any other commercial credentials. The institute will provide concessional GST rate certificate with the purchase order and will pay 5% GST only.

Yours faithfully,

Signature of the indenting Officer/ Concerned Faculty Member

Louide Des (Blattachaye)

Prof. & Head of EE Dept. IIEST, Shibpur, Howrah – 711 103

## **List of Items:**

SI.No	Item Name	General Specification	Range/Rating	Qnty	Class
BEL# 6	Electrodynamic Wattmeter	Dimension : 250 mm×190mm× 80 mm(approx) Housing : Bakelite/Black engineering plastic Scale length : 140-145 mm Test Voltage : 2000 V AC (rms) for 1 min Insulation Resistance : Over 20MΩ at 500 V DC Weight : 1.5 Kg approx	UPF Current coil: 2.5A/5A Pressure coil: 125V/250V/500V	10	1.00
	Electrodynamic Wattmeter	Dimension:300mm × 200 mm × 155mm  Housing: wooden  Scale length:145-150 mm  Test Voltage: 2000 V AC (rms) for 1 min	PF=0.2 1A/2A, 125V/250V/500V	5	1.00
		Insulation Resistance : Over $20M\Omega$ at $500 \text{ V DC}$ Weight : 4-5 Kg approx Conforming to BS 89, IEC 51 &ISS1248	PF=0.2 0.5A/1A 125V/250V/500V	5	

SI.No	Item Name	General Specification	Range/Rating	Quantity
BEL#7	Continuously Variable Voltage Auto - Transformer	should be simple ,rugged in construction, coils made from high grade CRGO silicon Steel & 99.9% pure copper, high quality carbon brush for current collection portable, enclosed with sheet steel enclosure, insulation resistance not less than 5 M ohms at 50 V DC, dielectric test should be done at 2.5KV RMS for 1minute, conforms to I.S. 5142	Input 240V AC,50- 60Hz, 1ph, Output- 0 -240V/270V,4A	10
			Input 415V AC,50- 60Hz, 3-ph, Output- 0 -415/470V/,8A	3
			Input 240V AC,50- 60Hz,1-ph,Output- 0 -240V/270V,8A	2

Warranty requirements: 36Months

## **Terms and conditions:**

i. Manufacturer should have valid ISO 9000 certification

ii. Calibration certificates required for the meters. It should be as per relevant IS standard.

iii. Valid Credentials (within the last three years) should be furnished along with the tender.