

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

No. ~~143~~ 2018/EE-3/21 (DIA...)

Dated: 27/08/2019

From : The Head of the Department,
Electrical Engineering,
IEST, 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 listed in the Table-1 appended herewith within **15 days** from the date of publication of this advertisement in the website. The quotation should include the taxes as per rule, delivery charges, entry tax if any, 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.

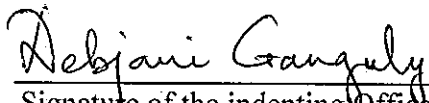
The vendors, who are not enlisted in the Institute register, should submit the copies of their valid Trade License, PAN, latest Income Tax / Sales Tax Statement /Return, SSI/MSME certificate, if any etc. and any other commercial credentials.

Warranty requirements: 36 Months

Terms and conditions:

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

Yours faithfully,


Signature of the indenting Officer/
Concerned Faculty Member



Prof. & Head of EE Dept. 27/08/2019
IEST, Shibpur, Howrah - 711103

Table-1

List of Items:

Sl. No	Item	Range/Rating	Technical Specification	Quantity
1.	Isolation Transformer	230 V, 600 VA	<ul style="list-style-type: none">• Input voltage: 230 V \pm 10%, 50 Hz \pm 1%, single phase AC• Output voltage : - As above –• Output : 600 VA at a DPF of around 0.6• Temperature rise: Not more than 30°C above ambient• Enclosure: MS Enclosure with handle (for carrying), suitably painted• Indication: Power on indication on the enclosure (red lamp)• Termination: Input through cable and three pin plug, Output through three pin 5 A socket of reputed make	2
2.	Extension Board		<ul style="list-style-type: none">• Dimensions: 8" (L) X 5" (W) X 2" (H) – approx.• Material: Wood or any synthetic insulating fire-retardant material• Arrangement : 5 A socket – 3 nos. + 15 A socket – 1 no. each with individual switches of suitable rating• Indication: Power on indication for each socket (red lamp)• Input: Through suitably rated cable using a 3-pin 15 A plug• Protection: Input side fuse (on-board)	4
3.	Universal Programmer		<ul style="list-style-type: none">• Should support 2.5V to 6.5V device.• Selectable to use USB or external 5V power supplier to supply power.• Transmission speed at least 12 MHz.• Suitable to work with Desktop or Laptop.• Should have current protection function, effectively protecting the programmer and devices.• 48 pin self-lock sockets• Should support operating systems: WINDOWS7/Vista/2000/2003/XP• Plastic cabinet, small size, light weight and low power• Should auto detect company and type of the IC.• Software support: TopWin ver6.0 or equivalent/better• Complete documentation	2

4.	Laboratory DC PSU		<ul style="list-style-type: none"> • Input: 230 V +/- 10%, 50 Hz single phase AC • Output: +/- 15 V (+/-2%), 3 A and +/- 5 V (+/-2%), 3 A • Output voltage regulation: no load to full load < 2% • 15 V set and 5 V set of outputs should be isolated • Weight < 1 kg 	2
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