

**Office of the Dean Research and Consultancy
Indian Institute of Engineering Science & Technology (IEST), Shibpur
Howrah - 711 103**

Project Code: DRC/DST/CEGESS/PC/007/18-19

**Centre of Excellence for Green Energy & Sensor Systems
Indian Institute of Engineering Science & Technology (IEST), Shibpur
Howrah - 711 103**

Ref.: Tender Advt. No. CGE 1481, dated 03.04.2019

Notice Inviting Quotations

Sealed quotations are invited for the supply of:-

Item. **Electronic Components.**

As per the following technical specification. The technical specification can be downloaded from the website. The document can be also obtained from the Centre of Excellence for Green Energy & Sensor Systems (**Contact : Prof. H. Saha / Prof. P. Chaudhuri**) between 10.30 a.m. and 5.30 p.m. on all working days. The invitation is valid for 07 Working days from the date of publication of this notice.

(A. Code DRC-T084/18-19)

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SECTION I: TERMS & CONDITIONS :-

1. The last date of receipt of quotation is valid **for 07 Working days** from the date of publication of this notice. Quotations received later will not be entertained under any circumstances.
2. Potential supplier are to submit the quotations in Sealed Cover to the Centre of Excellence for Green Energy & Sensor Systems in the following address:

**Prof. H. Saha / Prof. P. Chaudhuri
CEGESS
IEST, Shibpur
Howrah-711 103, India.**

**For any details please contact Mr. Sarat Singha, CEGESS, IEST, Shibpur.
(Mail-id : mailsinghasarat@gmail.com)**

3. Item name must be mentioned on cover.
4. The price quoted should be inclusive of all Taxes in INR, duties and levies. Inclusion of Tax/Levy at a latter stage will not be accepted. Freight, Insurance charges should be clearly indicated. If GST is chargeable then price quoted should be inclusive of GST in INR. @ **5%**(**CGC will be provided by IEST, Shibpur**)
Price should be CIF, IEST, Shibpur basic. (**Clearing charges and Custom Duty will not be paid extra, it should be include with base price.**)
5. Vendor should have proven track record of supply of same item and same value in IEST, IIT, NIT, IISc and they will get extra privilege.
6. Commercial Papers duly signed & must be attached.
7. Quotation has to be kept valid for acceptance for a period of 6 months without any modifications in its terms and conditions.
8. Documents to be submitted with the Quotations :
 - General Conditions (Section I) and Important Instruction (Clint list) in original duly signed by the Proprietor/ Partner/ Director of the company as a token of acceptance of Terms and Conditions of Tender.
 - Latest Income Tax, Sales Tax, Professional Tax, CST clearance certificates and copy of valid Trade License. (Photo copy duly signed) (Compulsory).
9. IEST, Shibpur, reserves the right to accept / reject all or any of the tenders without assigning any reason whatsoever.

SECTION II: TECHNICAL SPECIFICATIONS :-

Item.

Electronic Components

SI No	Manufacturer part number	Description	Qty
1	ADP1055ACPZ-R7CT	Controller	5
2	ADP1046ACPZ-R7	Controller	10
3	ADP1048WARQZ-R7	Controller	2
4	NCP1910B65DWR2G	Controller	5
5	ICE3PCS01GXUMA1	Controller	10
6	PIC16F1503-I/SL	Controller	10
7	UCC28950PWR	Controller	5
8	VIPER26LN	Controller	10
9	VIPER53EDIP-E	Controller	2
10	VIPER100A-E	Controller	2
11	LTM9100HY	Controller	2
12	LTC4015EUHF#PBF	Controller	5
13	PIC16F1459-I/SO	Controller	5
14	LTM2884CY#PBF	Controller	2
15	PIC16F1779-I/P	Controller	5
16	IPW60R070CFD7XKSA1	N Channel, 31 A, 600 V, 0.057 ohm, 10 V, 4 V	20
17	IRFP4668PBF	130 A, 200 V, 0.008 ohm, 30 V, 5 V	10
18	IPP65R190CFDXKSA1	17.5 A, 650 V, 0.171 ohm, 10 V, 4 V	10
19	2EDS8265HXUMA1	Dual Channel, Isolated, WSOIC-16	10
20	STPS60SM200CW	Schottky Rectifier, 200 V, 60 A	10
21	GSIB2580-E3/45	Bridge Rectifier Diode, 800 V, 25 A, 1 V	10
22	STTH1R06A	Ultrafast , 600 V, 1 A, 1.7 V, 25 ns, 20 A	25
23	ADP-I2C-USB-Z	USB to I2C Interface	1
24	MAX4080FASA+	1 Amplifier, 5 μ A, SOIC,-40 $^{\circ}$ C, 125 $^{\circ}$ C	5
25	CRCW120610R0FKEA	resistor	100
26	MCWR08X1802FTL	18 kohm, 150 V, 125 mW	100
27	MCWR08X3900FTL	390 ohm, 150 V, 125 mW	100
28	MCWR08X3902FTL	39 kohm, 150 V, 125 mW	100
29	MCWR08X4701FTL	4.7 kohm, 150 V, 125 mW	100
30	CSS2H-2512R-1L00F	0.001 ohm,2512 [6432 Metric], 5 W, \pm 1%	10
31	CSS2H-2512K-2L00F	0.002 ohm,2512 [6432 Metric], 5 W, \pm 1%	10
32	LRMAP2512-R005FT4	0.005 ohm, 2512 [6432 Metric], 3 W, \pm 1%	10
33	CRA2512-FZ-R010ELF	0.01 ohm, 2512 [6432 Metric], 3 W, \pm 1%	10
34	LRMACRA2512-FZ-R010ELFM2512-R02FT4	0.02 ohm, 2512 [6432 Metric], 2 W, \pm 1%	10

35	CRA2512-FZ-R050ELF	0.05 ohm,2512 [6432 Metric], 3 W, ± 1%	10
36		0.1 OHM, 3W, 1%	10
37	MCWR08X1004FTL	1 Mohm, 150 V, 125 mW	100
38	MCWR08X2702FTL	27 kohm, 150 V, Thick Film, 125 mW	100
39	CRCW08054R70JNEAHP	THICK FILM, 4R7, 0805	100
40	CRCW120610R0FKEAHP	10 ohm, 200 V, Thick Film, 750 mW	100
41	MCWR08X4701FTL	4k7 kohm, 150 V, Thick Film, 125 mW	100
42	SP001343072	KITXMCDPEXP01TOBO1	1