

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

Project Code: DRC/MHRD-IITKGP/DIC/SB/014/16-17 of National Initiative on Design Innovation

**Department of Aerospace Engineering and Applied Mechanics
Indian Institute of Engineering Science & Technology (IEST), Shibpur, Howrah-711 103**

Ref.: Tender Advt. No. AM 1467, dated 07.02.2019

Tender Ref. No.: DIC/SB/06 dated 07.02.2019

Notice Inviting Quotations

Notice inviting Sealed quotations from manufacturers, suppliers and agents for supply of the following item as mentioned below:

General Features:

SI. No.	Item	Manufacturer Part Number	Description	Qty
1	MOSFET	FCH040N65S3-F155	N Channel, 65 A, 650 V, 0.0354 ohm	10
2		1EDI60N12AFXUMA1	MOSFET Driver, 3.5V-15V supply, 10A	10
3	Gate Driver	ADUM4223ARWZ	Half- Bridge Dvr 4A Output	20
4		FAN73901MX	GBT/MOSFET, 10V-20V, 2.5A , 140ns	10
5		LM5104MX/NOPB	Half Bridge,1.8 A Out, 15 ns	25
6	LDO	ADP7102ARDZ-3.3-R7	ADP7102ARDZ-3.3-R7	5
7		ADP3303ARZ-3.3		10
8		D01497	Stand-Off	100
9	Fasteners & Fixings	1217133-1	MALE PCB DISCONNECT	25
10		403233752	Female Disconnect	20
11		ES1J+		25
12	Diode	ES2J		25
13		ES3J		25
14		B65883A0000R095	PQ40/40, N95, 92.5 mm, 188.3 mm ²	5
15		PQ35/35-3C95	PQ35, 3C95, 86.1 mm, 190 mm ²	5
16	Core	B65879B0000R095		5
17		E38/8/25-3C95	Planar E, E38, C95, 43.7 mm, 194 mm ²	5
18		E43/10/28-3C95	Planar E E43, 3C95, 50.4 mm, 229 mm ²	5
19		E58/11/38-3C95		5
20		B65884E0012D001		5
21		CPV-PQ35/35-1S-12P-Z		5
22	Coil former	B65880E2012D001		5
23	CURRENT TRANSFORMER	PE-67100NL	CURRENT TRAN, 100:1, 37A, THT	5
24		60B473C	47UH, 10.5A, 15%, 7.45MHz	25
25	Inductor	744824101	Choke, Common Mode, 1 mH, 10 A	10
26		8120-RC	Choke, Common Mode, 2.4 mH, 17 A	10
27	Capacitor	MCKSK100M471J32S	470 μF, 100 V, ± 20%, 16 mm	250
28		MCKLZ450M471P50Y	470 μF, 450 V, 105°C, ± 20%,	20

The price quoted should be inclusive of all Taxes in INR, duties and levies. Inclusion of Tax/Levy at a later 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.

The sealed signed quotation along with GST certificate, PAN, Trade license (current), should be submitted to Prof. Subhasis Bhaumik, Coordinator - National Initiative on Design Innovation, Department of Aerospace Engineering & Applied Mechanics, Institute of Engineering Science & Technology, Shibpur, Howrah - 711103, West Bengal, INDIA

Deliver time: Within 07 days from the date of placement of order.

Last date of submission of quotation: 14.02.2019 (Thursday) upto 2.00 p.m.;

Date of opening of quotation: 14.02.2018 (Thursday) at 3.00 p.m.

Indian Institute of Engineering Science and Technology (IEST), Shibpur, Howrah reserves the right to accept/ reject all or any of the tenders without assigning any reason whatsoever.

Dean (R & C)

(A. Code DRC-T073 /18-19)