

GOVERNMENT OF WEST BENGAL
KALYANI GOVERNMENT ENGINEERING COLLEGE
KALYANI-741235, NADIA

Memo no. KGEC/ WBDST/EE/2018-19/421

Dated: 07.03.2019

To
All Prospective Suppliers,

Sub: **Quotation for "Supply of Various Power Electronics and Controller Accessories".**

Sir/ Madam,

Sealed quotations are invited from prospective bidders for "**Supply of Various Power Electronics and Controller Accessories**" for the DST-WB funded project entitled, "Development of Cost Effective, Efficient and Compact SPV System for Rural Application", vide sanction no. 305(Sanc.)/ST/P/ S&T/4G-08/2017 dated, 29/03/2018 funded by Department of Science & Technology, Govt. of W.B. with following specification and quantities.

TERMS & CONDITIONS:

Sl. No	Name of the Items	Specification	Qty
1	SMD Soldering Hot Air Rework Station + Stand + nozzle	Temperature range: 200°C to 480°C Power 270W	01 No.
2	Laminator	Temperature:0-160°C Material thickness: 0.1mm-3mm	01 no.
3	Adjustable Circuit Board Holder	6 inches in width by 12 inches high	
4	Soldering Bits for soldering station	35 watt needle, chisel , conical, spade bits	05 sets
5	Soldering station	Temperature range : 200°C to 480°C With temperature display.	01 No.
6	Hook Cutter Knife For Plastic Acrylic Fiber Sheets	Plastic Acrylic Fiber Sheets cutter knife	04 No.
7	Dot Matrix Vero	12"X6" tinned dot matrix vero board	20 No.
8	SMD Solder paste	Sn63Pb35	35 gm
9	Copper clad board	20cmX20cm glass epoxy	10 No.
10	Photoresist dry film for circuit production	Photoresist blue dry film	30cmX5 m
11	EE10 ferrite core+ bobbin	EE10 transformer bobbin magnet ferrite core PC40, horizontal 4Pin (2+2) double groove	40 Sets

12	UV cureable soldermask	10 cc, green/yellow/blue colour	01 No.
13	Microcontroller	Microchip dsPIC30f4011, package: PDIP-40	5 No.
14	Microcontroller	Microchip dsPIC30f6014 Package: TQFP-80	5 No.
15	Current sensor	LTS-25NP	5 No.
16	Current sensor	LTS-6-NP	5 No.
17	Voltage Sensor	LV-25-P	6 No.
18	Electrolytic capacitor	1000uf-25v,2200uf-16v,470uf-63v,100uf-100v,470uf-450v,450uf-1000v,100uf-25v,10uf-25v.	10 No. each
19	Mylar capacitor	205J-400v,105J-400v,564J-400V,474J-400v,334j-400v,224j-400v,204j-400v,104j-400v,103J-1kv.	10 Nos. each
20	IGBT	40RF60, IRG4PC50U, CT60AM18B	10 No.Each
21	MOSFET	1200 Volt, 24 Amp Toshiba make preferably	20 No.
22	IGBT/MOSFET-Driver	TLP250	50 No.
23	Enamelled copper wire	40,38,36,35,33,32,31,30,29,28,26,27,25,26,24,23,22,21 SWG	300gm each
24	Diode	RHRP30120	50 No.

1. Quotations should be submitted to the Office of HOD, Electrical Engg. Dept., KGEC **within 14.03.2019, 12:00 Noon** along with the relevant documents (self-attested) i.e. (a) PAN Card (b) GST registration certificate, if applicable (c) Trade license (d) Past experience of supplying similar items (e) Income Tax Return.
2. The Bidder shall give item wise **price (inclusive of all taxes)**, levies & duties, transportations, packing, forwarding and insurance Charges, if any. The rates should be quoted both in figures and words. Request for inclusion of any tax/levy at a later stage will not be entertained.
3. Bidder should be responsible for any damage during packaging, shifting and rearranging. If so damage item(s) should be repaired/replaced by the bidder at their own cost.
4. No advance payment can be made. Payment will be made after completion of work.
5. **Quotation should remain valid up to 30.05.2019.**
6. Bills in Triplicate should be presented for payment within 15 days of completion of work.
7. The Order No. is to be noted on Bill. Bill is to be accompanied by Copy of the Work Order.

General Information

1. Quotation as per prescribed Format is to be submitted in a sealed cover.

2. The Tender documents may be downloaded from the college website www.kgec.edu.in.
3. The sealed quotation is to be submitted /reached to the office of the Principal, Kalyani Government Engineering College by **14.03.2019, 12:00 Noon**.
4. Quotation will be opened on **14.03.2019** at 1:00 p.m. in the Conference Room of the college.
5. The college reserves the right to reject/cancel any/all bid(s)/tender(s) without assigning any reason.


Principal