

# GOVERNMENT ENGINEERING COLLEGE

(Dept. of Technical Education, Govt. of Gujarat)  
Mavadi Kankot Road, Near Krishnanagar - Rajkot  
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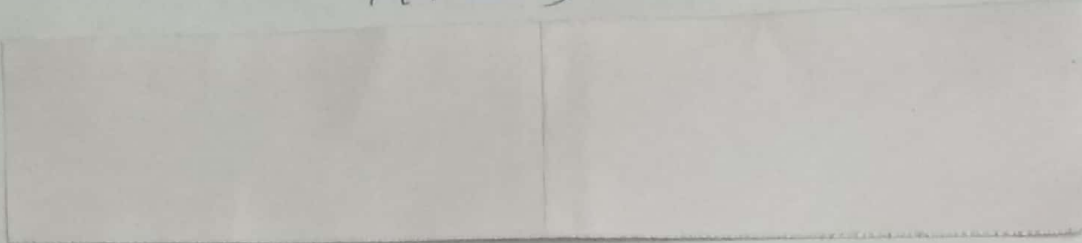


सत्यमेव जयते

No: GECR /2018/SSIP/MECH 05/ 14780(19)

Date: 01/12/2018

To



## INQUIRIES

Subj.: Quotation of Items required for SSIP PoC/Prototype Making Project MECH 05: (As per Annexure attached).

Sir,

I request you to sent your valued QUOTATION for the items mentioned in the statement enclosed (where necessary), with this letter. The following **Conditions** should be complied within your quotation and failure to which will render your quotation liable to rejection.

The quotation should be sent in a **sealed cover**. Outside the cover it should be clearly written **Quotation for SSIP PoC/Prototype Making Project MECH 05: Last date 26/12/2018**. If this writing is not shown outside the cover, the cover is likely to be opened earlier and be rejected.

1. The last date for receiving the quotation is **26/12/2018**, and the quotations will be opened at **16.00 hrs on 26/12/2018**. You may remain present at the time and date of opening, if you so desire.
2. Your rates should be strictly **F.O.R. Institute, giving bifurcation of base price and applicable taxes**. The delivery and installation of items should be at Government Engineering College, Mavadi-Kankot road, Near Krishna Nagar, Rajkot.
3. The specifications of each item quoted should be completely described in the quotation. These specifications should be the same as those given in the statement enclosed herewith. In case you are unable to quote for one or more item/s, exactly as per the specifications of the tender/inquiry, you may quote for the item/s having identical or nearest resembling specifications stating respectively in accordance with specifications of the item offered by you differs with those prescribed by us.
4. Rate must be quoted in specified units mentioned in the tender/quotation form.
5. Conditional tender will not be accepted.
6. Quotation must be on letter pad and duly signed and stamped otherwise quotation will be rejected.
7. The validity period for the quotation should be at least 3 (three) months or more from the date of opening of tender/quotation. Tender/Quotation once submitted shall remain final and irrevocable.

8. Items should be given in same serial number in the quotations as given in the tender form.
9. The inspection of the materials for approving them will be done only after the receipt of the goods by this Institution. Payment will be made only after the receipt of totally ordered acceptable items. Every effort will be made to make payment at an earliest, but in no circumstances any offer of discount for early payment will be accepted and any such offer of discount shall mean that you desire to give the said discount, and the said discount will be deducted from your bill under all circumstances.
10. Goods/Articles ordered are not receivable by retrieving documents through bank as no Security Deposits or Earnest Money Deposit are taken from the bidders nor the inspection of goods is carried out prior to the dispatch.
11. This Office reserves the right to accept or reject any or all quotation/s without assigning any reason.
12. You may please note that you have to quote only those items which are ready in your stock and the delivery can be made **within 49 days**.

Encl: 1 Sheet

Yours faithfully,

*ellw*  
PRINCIPAL,  
GOVT. ENGINEERING COLLEGE,  
RAJKOT.

**ANNEXURE – I**  
**MECH 05**

SR NO.	COMPONENT	SPECIFICATION	Quantity required
1	Halogen light source with built in heat absorbing filter and with fiber optical cable	150 W, 2500 K Halogen Bulb (minimum) Continuously Variable Output Power Threaded Output Port with minimum 91 cm (36") Long optical Fiber Bundle	1
2	CCD Camera	Auto focus, less than 250D lens corvature,	1
3	Spherical lens	Bi-focal convex, 8 inch diameter	2
4	Telescopic Spherical mirror with mirror mounting stand	<b><u>Concave mirror, 8 inch diameter, relevent mirror mounting stand to be used on optical breadboard table</u></b> Diameter = 200mm, Focal length = 1500mm(min), Clear aperture = 90% of diameter, Focal length tolerance = $\pm 2\%$ , Wavelength range = 450nm - 20um (approx), Coating = Protected aluminium(optional)	3
5	Thermocouple (K type)	Working limits 25-800 celcius (APPROX)	10
6	NI- USB 6001 (NI-DAQ system-hardware and software for data collection) (PROPRITERY item)	capable to convert thermocouple signals amd save and analyse the data, with softwer Number of Channels---2 differential or 1 stereo audio input ADC resolution-- 14 bits Sampling rate-- 20 kS/s Timing accuracy----100 ppm of sample rate Timing resolution---- 12.5 ns	1
7	Multi-meter	Operating Temperature: 0 - 40 °C Operating Humidity: $\leq 75\%$ RH Operating Mode: Auto/Manual Ranging Measuring Temperature Range: -20~1000 C/-4F-1832F Measuring Capacitance Range: 9.99nF/99.99nF/999.9nF/9.99uF/99.99uF/999.9uF/9.999MF Measuring Voltage Range: 999.9mV/9.999V/99.99V/999.9V Measuring Current Range:999.9uA/99.99uA/999.9mA/10A Measuring Resistance Range: 99.99/999.9/9.999k/99.99k/999.9K/9.999M/99.99M Ohm Frequency: 99.99Hz/999.9Hz/9.999KHz/99.99KHz/999.9KHz/5MHz Display Type: Digital Display Diode Test: Yes Continuity: Yes Duty Cycle: 1%-99% Sample Rate: 3 times per second Power: 2 * 1.5V AA batteries	1
8	Acrylic sheets	Transperant Acrylic sheets , 3 feet * 6 feet *Minimum thickness 3 mm.	1
9	Instrument Mounting optical table with vibration isolation system (Breadboard, 4 Bradeboard vibration isolator legs/ fram structure)	Designed for Thermal Stability, Minimum Surface flatness of $\pm 0.15$ mm ( $\pm 0.006$ ") over any 1 m <sup>2</sup> , Minimum Size: 1200x900 mm, Minimum Thickness: 60 mm (2.4"), minimum Load Capacity 150 kg,	1

Signature of Mentor

Signature of Head of Department

# Your Official Letter- head

MECH 05

SR No.	COMPONENT	SPECIFICATION (Demanded)	Quantity	Specification of your item	Basic price/item	taxes	Total price / Item	Total price of total quantity
1	Halogen light source with built in heat absorbing filter and with fiber optical cable	150 W, 2500 K Halogen Bulb (minimum) Continuously Variable Output Power Threaded Output Port with minimum 91 cm (36") Long optical Fiber Bundle Auto focus, less than 250D lens curvature,	1					
2	CCD Camera	Bi-focal convex, 8 inch diameter	1					
3	Spherical lens	<u>Concave mirror, 8 inch diameter, relevant mirror mounting stand to be used on optical breadboard table</u> Diameter = 200mm, Focal length = 1500mm(min), Clear aperture = 90% of diameter, Focal length tolerance = $\pm 2\%$ , Wavelength range = 450nm - 20um (approx), Coating = Protected aluminium(optional)	2					
4	Telescopic Spherical mirror with mirror mounting stand	Working limits 25-800 celcius (APPROX)	3					
5	Thermocouple (K type)	capable to convert thermocouple signals and save and analyse the data, with software Number of Channels---2 differential or 1 stereo audio input ADC resolution-- 14 bits Sampling rate-- 20 kS/s Timing accuracy---100 ppm of sample rate Timing resolution---- 12.5 ns	10					
6	NI- USB 6001 (NI-DAQ system-hardware and software for data collection) (PROPRITERY item)	Operating Temperature: 0 - 40 °C Operating Humidity: $\leq 75\%$ RH Operating Mode: Auto/Manual Ranging Measuring Temperature Range: -20~1000 C/-4F-1832F Measuring Capacitance Range:	1					
7	Multi-meter		1					

SR N O.	COMPONENT	SPECIFICATION (Demanded)	Quantity	Specification of your Item	Basic price/Item	taxes	Tatal price / Item	Total price of total quatity
8	Acrylic sheets	<p>Transperant Acrylic sheets , 3 feet * 6 feet *Minimum thickness 3 mm.</p>	1					
9	Instrument Mounting optical table with vibration isolation system (Breadboard, 4 Bradeboard vibration isolator legs/ fram structure)	<p>Designed for Thermal Stability, Minimum Surface flatness of <math>\pm 0.15</math> mm (<math>\pm 0.006</math>"") over any 1 m<sup>2</sup>, Minimum Size: 1200x900 mm, Minimum Thickness: 60 mm (2.4"), minimum Load Capacity 150 kg.</p>	1					

Date:

Stamp of Supplier

Sign of supplier