



# GOVERNMENT ENGINEERING COLLEGE

(Dept. of Technical Education, Govt. of Gujarat)  
Mavdi Kankot Road, Near Krishnanagar - Rajkot  
email :-gec\_raj\_2004@yahoo.co.in Ph.9978287873



सत्यमेव जयते

No: GECR /Stores/Inno.Center/2018-19/

Date: 23/ 10/2018

To

## INQUIRIES

Subj.: Quotation for rotary Common Innovation Centre (Torque sensor & VFD drive)

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 Common Innovation Centre (Torque sensor & VFD drive)**. 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 19/11/2018 , and the quotations will be opened at 16.00 hrs on 20/11/2018 . 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, inclusive of all taxes, VAT & GST whatsoever**. In case of Sales Tax, we shall furnish the tax exemption "P" or "D" form, as and when necessary (and if required), as the case may be. This being a Govt. Institute you are allowed to charge the sales tax as per the norms laid-down by the Central/State Govt.
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. Quotation must be duly signed and stamped otherwise 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 21 days.

Yours faithfully,

Encl: Annexure-1 &2

Principal,  
Govt. Engineering College,  
Rajkot.

## Annexure I

### 1) Rotary Torque sensor (Optical type) with Digitizer Controller

#### Sensor:-

Torque capacity	0 to 50 NM
Accuracy	0.1 %
Rated Output	2mv/V
Safe Over Load	150% of RO
Zero Balance	+0.02% of RO
Excitation	10 V DC maximum
Non Linearity	+0.02% of RO
Non Repeatability	+0.02% of RO
Hysteresis	+0.02% of RO
Temperature shift Zero	+0.01% of RO
Temperature shift Span	+0.01% of RO
Compensated Temperature	25 to 50 °C
Operating Temperature	00 to 50 °C
Operating RPM range	0 to 3000
Shaft type (having keyway slot)	
Shaft diameter	approx 25 mm (1 inch)
Cable	5 m

#### Digitizer-Controller:

Display	Two Line alpha Numeric LCD display with backlight
Keypad	Soft touch key pad
Relay O/P	Two Programmable set point with relay O/P
Communication port	RS 232 o/p to transfer real time data
Calibration	Software calibration
Peak reading	Peak reading display option, selectable by switch
Analog O/P	0-10 V or 4-20 mA corresponding to Torque

#### Technical Specifications:

Power supply	24 V DC/ 12 V DC / 220 V AC
Microcontroller	2 X 8 bit Industrial grade microcontroller
Communication port	RS 232 o/p to transfer real time data
Calibration	Software calibration
Peak reading	Peak reading display option, Selectable by switch
Analog O/P	0-10 V or 4-20 mA corresponding to Torque

## 2) 2.2KW 3PH AC VFD Inverter VFD Drive Variable Frequency Drive For Motor Speed Control

### Technical Specification

Power: 2.2KW

Rated Current: 5.1A

Input: 3PH, 380-440 V

Output: 3PH, 380-440 V



*S. Sathya*