Government College of Engineering

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"In Pursuit of Global Competitiveness"

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INVITATION FOR QUOTATION

GECA/E&TC/Purchase/2016-17/ 786 **Date :** 03/03/2017

To,

GECA Website & notice Board

Sub: Invitation for Quotations for supply of following Goods

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
01	Fiber optical Link Transmitter and Receiver (Analog and Digital)	2	07 Days	E&TC Department Govt. College of Engineering, Aurangabad	YES
02	Advanced Optical fiber communication link Transmitter and Receiver (Analog and Digital)	2			

2. Quotation,
   a. The contract shall be for the full quantity as described above.
   b. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
   c. All duties and other levies payable by the supplier under the contract shall be included in the unit price.
   d. Applicable taxes shall be quoted separately for all items.
   e. The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
   f. The Prices should be quoted in Indian Rupees only.
   g. Rates Quoted should be FOR Aurangabad or free delivery at the institution
3. Each bidder shall submit only one quotation.
4. Quotation shall remain valid for a period not less than **06 months** after the last date of quotation submission.
5. Evaluation of Quotations,
   The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
   a. are properly signed ; and
   b. confirm to the terms and conditions, and specifications.

6. Award of contract:
   The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
   a. Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
   b. The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
7. Payment shall be made in Indian Rupees as follows:
   Delivery and Installation And Training - 100%
8. All supplied items are under warranty of **12** months from the date of successful acceptance of items.
9. You are requested to provide your offer latest by **16:00** hours on 10/03/2017
10. Detailed specifications of the items are at Annexure I.
11. Training Clause (if any) 1 **Days Training for Faculty members and related student**
12. Testing/Installation Clause (if any) **Asper Satisfaction of Expert Faculty member**
13. **Information brochures/ Product catalogue should be enclosed with the quotations clearly indicating the model quoted for.**
14. Sealed quotation to be submitted/ delivered at the address mentioned below,
    The Principal Government College Of Engineering, Railway Station Road, Osmanpura Aurangabad. Aurangabad Maharashtra, India 431005 .Subscribed as Quotation for E&TC. Dept.
    GECA/E&TC/Purchase/2016-17/ 786 **Date :** 03/03/2017 Due Dt. 10/03/2017
15. We look forward to receiving your quotation and thank you for your interest in this project.

Principal
Govt. College of Engineering,
Aurangabad

Annexure I

Sr. No	Item Name	Specifications
01	Fiber optical Link Transmitter and Receiver (Analog and Digital)	• Transmitter : 1 no., Fiber Optic LED having peakwavelength of emission 660 nm • Receiver : 1 no., Fiber Optic Photodetector • Modulation Techniques: 1. AM 2. FM 3. PWM • Drivers : 1 no. with Analog & Digital modes • Clock : Crystal controlled Clock 4.096 MHz • Analog Band Width : 350 KHz, Digital Band Width : 2.5 MHz • Function Generator : 1 KHz Sine wave (Amplitude adjustable) • 1 KHz Square wave (TTL) • Clock Generator : 64 KHz/128 KHz/256 KHz (TTL) • Data Generator : 15 Bit • Noise Generator : Variable level • Bit Error Counter : 4 digits, 7 segment display • Voice Link : F. O. voice link using microphone &speaker (built in) • Switched Faults : 4 in Transmitter & 4 in Receiver • Fiber Optic Cable : Connector type Standard SMA • Operating conditions : 0-40 C, 80% RH • Power Supply : 110-220 V, ±10%, 50/60 Hz • Power Consumption : 3 VA approximately
02	Advanced Optical fiber communication link Transmitter and Receiver (Analog and Digital)	• Transmitter : 2 nos.,Fiber Optic LED having peak wavelength of emission 660 nm & 950 nm (Optional LASER source) • Receiver : 2 nos., Fiber Optic Photo detector • Modulation Techniques : AM, FM, PWM. • Drivers : 1 no. with Analog & Digital modes • Filters : 2 nos. 4 order Butterworth, 3.4 KHz cut-off frequency • Analog Band Width : 350 KHz • Digital Band Width : 2.5 MHz • Function Generator : 1 KHz Sine wave (Amplitude adjustable) • 1 KHz Square wave (TTL) • Voice Link : Fiber Optic voice link using microphone & speaker (built in) • PC-PC Communication : Using 2 channel RS232 • Port : RS232 (9 Pin) , Baud Rate : 19200 • Switched Faults : 4 in Transmitter & 4 in Receiver • Fiber Optic Cable : Connector type standard SMA • Cable Type : Step indexed multimode PMMA plastic • Power Supply : 110 -220 V, ± 10%, 50 / 60 Hz • Power Consumption : 4.5 VA approximately