GOVERNEMNT COLLEGE OF ENGINEERING, KARAD
(An Autonomous Institute of Government of Maharashtra)

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No. CEK/ ENTC/Quotation /2018-2019/ 3749 DATE -12/12/2018

To,

Subject – Quotation for Information and Coding kits

Dear Sir,

With reference to above, I have to request you to kindly quote your rates for below mentioned material for **Electronics and Telecommunication Engineering Department** "of this Institute so as to reach this office on or before 05/01/2019 till 5.00 pm ,The details are as given below –

Sr. No.	Description	Qty.
1	**Information and Coding** **Error Detection and Correction-Cyclic Code Trainer kit**	2
2	**Block Code Encoder Trainer kit**	2
3	**Block Code Decoder Trainer kit**	2
4	**Convolution Encoder Trainer kit**	2
5	**Convolution Decoder Trainer kit**	2

Your quotation should be valid for at least 30 days from the date of opening. The quotation should be sent to **"The Principal, Government College of Engineering, Karad"** in sealed envelope superscripted with word **"Quotation of Information and Coding for Electronics and Telecommunication Engineering Department" due on 05/01/2019.** The Institute does not bind itself to accept or reject the quotation. Please note that if there is any over-writing in the quotation, the said term will not be taken into consideration.

Terms and Conditions:
1. Quotation validity for at least 30 days from the date of opening.
2. Delivery period 4 weeks from date of supply order.
3. Payment 100% after delivery and satisfactory acceptance.
4. Warranty 12 months or more.
5. Total amount will be considered for final call for quotation.

The quotation will be opened on **07/01/2019 at 03.00 p.m.** Specifications are as enclosed.
Thanking you.

for Principal,
Govt. College of Engineering, Karad.

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Sr. No.	Name and description of the equipment	Specification
1	**Error Detection and Correction-Cyclic Code Trainer kit**	• On-board data and code clock generation • On-board data generator • BCD rotary switches for data selection • LED numeric display • Multiple data rate and code rate selection • Seven bit code for four bit running or static data **Crystal Frequency** : 4.096 MHz **Data Rates** : 16 KHz, 8 KHz, 4 KHz, 2 KHz and 1 KHz **Code Rates** : 32 KHz, 16 KHz, 8 KHz, 4 KHz and 2 KHz **Word Length** : 4 bits **Code Length** : 7 bits code and 1 stuffed bit **Data Format** : NRZ (Not Return to Zero) **Test Points** : 45 nos **Interconnections** : 2 mm Sockets **Internal Operating Voltage**: + 5V DC **Dimensions (mm)** : W 326 x D 252 x H 52 **Power Supply** : 110V - 260V AC, 50/60Hz **Weight** : 1 Kg. (approximately) **Operating Conditions** : 0-40 C, 85% RH **Included Accessories :** Patch cord 8" : 15nos.
2	**Block Code Encoder Trainer kit**	• On-board clock generation for Data and Code. • On-board data generator. • On board error generator block • BCD rotary switches for Data Selection. • LED Numeric display. • Default and manual H-matrix selection **Crystal Frequency** : 11.059 MHz **Word Length** : 4 bits **Codeword Length** : 7 bits code **Data Format** : NRZ (Not Return to Zero) **Interconnections** : 2 mm sockets (Gold plated) **Test points** : 5 nos (Gold plated) **Power Supply** : 110-220 V ±10%, 50/60 Hz **Operating Conditions** : 0-40 C, 80% RH **Internal Power supply** : +5V DC **Included Accessories :**Patch cord 8" : 20 nos., Power supply : 2 nos. , Mains cord : 2 nos.
3	**Block Code Decoder Trainer kit**	• On-board clock generation for Data and Code. • On-board data generator. • On board error generator block • BCD rotary switches for Data Selection. • LED Numeric display. • Default and manual H-matrix selection **Crystal Frequency** : 11.059 MHz **Word Length** : 4 bits **Codeword Length** : 7 bits code **Data Format** : NRZ (Not Return to Zero) **Interconnections** : 2 mm sockets (Gold plated) **Test points** : 5 nos (Gold plated) **Power Supply** : 110-220 V ±10%, 50/60 Hz **Operating Conditions** : 0-40 C, 80% RH **Internal Power supply** : +5V DC

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		Included Accessories : Patch cord 8" : 20 nos., Power supply : 2 nos. , Mains cord : 2 nos.
4	**Convolution Encoder Trainer kit**	• On-board data and code clock generation • On-board data generator • LED numeric display • Multiple data rate and code rate selection • Seven bit code for four bit running or static data **Crystal Frequency** : 4.096 MHz **Data Rates** : 16 KHz, 8 KHz, 4 KHz, 2 KHz and 1 KHz **Code Rates** : 32 KHz, 16 KHz, 8 KHz, 4 KHz and 2 KHz **Word Length** : 4 bits Selectable rate : ½ and 3/4 **Code Length** : 7 bits code and 1 stuffed bit **Data Format** : NRZ (Not Return to Zero) **Test Points** : 45 nos **Interconnections** : 2 mm Sockets **Internal Operating Voltage**: + 5V DC **Dimensions (mm)** : W 326 x D 252 x H 52 **Power Supply** : 110V - 260V AC, 50/60Hz **Included Accessories :** Patch cord 8" : 15 nos., Power supply : 2 nos., Mains cord : 2 nos.
5	**Convolution Decoder Trainer kit**	• On-board data and code clock generation • On-board data generator • LED numeric display • Multiple data rate and code rate selection • Seven bit code for four bit running or static data **Crystal Frequency** : 4.096 MHz **Data Rates** : 16 KHz, 8 KHz, 4 KHz, 2 KHz and 1 KHz **Code Rates** : 32 KHz, 16 KHz, 8 KHz, 4 KHz and 2 KHz **Word Length** : 4 bits Selectable rate : ½ and 3/4 **Code Length** : 7 bits code and 1 stuffed bit **Data Format** : NRZ (Not Return to Zero) **Test Points** : 45 nos **Interconnections** : 2 mm Sockets **Internal Operating Voltage**: + 5V DC **Dimensions (mm)** : W 326 x D 252 x H 52 **Power Supply** : 110V - 260V AC, 50/60Hz **Included Accessories :** Patch cord 8" : 15 nos., Power supply : 2 nos.,Mains cord : 2 nos.

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