



DHARMSINH DESAI UNIVERSITY
Faculty of Technology, College Road, Nadiad - 387001.

TENDER NOTICE

Quotations are invited for the purchase of Communication Trainer Kits [with buyback of existing Communication Systems kits] for the laboratories of Electronics & Communication Engineering Department, so as to reach the undersigned on or before 15/05/2025. For more details, the interested vendors may refer to the detailed document available on the University Website : www.ddu.ac.in

(Dr. H. M. Desai)
Vice Chancellor

EQUIPMENT SPECIFICATIONS

Minimum Specifications required are as per the Existing/Preferred Make-Model

Equipment	OLD kits - Buyback	New Kits
	Qty	Qty
DSB/SSB AM Transmitter Model: Scientech 2201 (Existing) or similar.	1	2
DSB/SSB AM Receiver Model: Scientech 2202 (Existing) or similar	1	2
Frequency Modulation/Demodulation Model: Scientech 2203 (Existing) or similar	1	2
Frequency Modulation Communication Model: Scientech 2204 (Preferred) or similar	-	1
Armstrong Frequency Modulation/Demodulation Model: Scientech 2208 (Preferred) or similar	-	1
Four Channel Analog Time Division Multiplexing Model: Scientech 2207 (Existing) or similar	1	2
MSK Modulation / Demodulation Model: Scientech 2116 (Existing) or similar	1	2
Frequency Division Multiplexer /Demultiplexer Model: Scientech 2211 (Preferred) or similar	-	2
Elementary Fiber Optic Model: Scientech 2501 (Preferred) or similar	-	2
Synchronous AM Detector Model: Scientech 2209 (Preferred) or similar	-	1
Optical Fiber Communication Model: Scientech 2501A (Preferred) or similar	-	2
Sampling & Reconstruction Model: Scientech 2151 (Existing) or similar	2	2
TDM Pulse Amplitude Modulation/Demodulation Model: Scientech 2152 (Preferred) or similar	-	2
Data Formatting and Carrier Modulation/Transmitter Model: Scientech 2156 (Existing) or similar	2	2
Data Reformatting & Carrier Demodulation Receiver Model: Scientech 2157 or (Existing) similar	2	2
PAM-PPM-PWM Modulation & Demodulation Model: Scientech 2110 or (Existing) similar	2	2
PCM, DPCM, CVSD Modulator and Demodulator Model: Scientech 2802 (Existing) or similar	2	2
Delta, Adaptive Delta, Sigma Delta Modulator & Demodulator Model: Scientech 2803 (Existing) or similar	2	2
Delta, Adaptive Delta, Sigma Delta Modulation & Demodulation Model: Scientech 2155 (Preferred) or similar	-	1
Differential Pulse Code Modulation Model: Scientech 2113 (Preferred) or similar	-	1
4-Channel TDM-PCM Transmitter and Receiver Model: Scientech 2804 (Existing) or similar	2	2
Software Defined Radio Model: Scientech-2281 V2.0 (Preferred) or similar	-	2
IoT Builder Model: Scientech 6205 (Preferred) or similar	-	2

Terms and Conditions

- a) The vendor must provide following certificates along with the quotation.
 - 1) Certificate of authorized dealer if the vendor is not a manufacturer.
 - 2) Costumer's Certificates indicating satisfactory performance of the similar products and after sell service may add to the merit of the quotation.
- b) The prices must be quoted as unit price along with all necessary accessories and the installation charges if any, for each of the equipment. The quoted price should be with 3 Years of onsite warranty.
- c) **All taxes & other charges should be specified clearly.**
- d) The quantities mentioned for new purchase (without buyback of OLD kits) are indicative and may change at the time of purchase. The quotation will be evaluated on total cost of each item as per the actual quantities required.
- e) The vendor must quote price for ALL mentioned equipment. All equipment quoted by a single vendor must be of the same brand/manufacturer.
- f) **Payment Terms & Condition:**
100%, After delivery and successful demonstration by the competent person.
- g) F.O.R Dharmsinh Desai University, Nadiad

The quotation should be sent to the following address in sealed covers, super scribing "Communication System Kits – EC Department".

Address :

**The Vice Chancellor
Dharmsinh Desai University,
P.O.Box No. 35, College Road,
Nadiad- 387001**

Last date of submitting quotations is 15-05-2025

Please include the summary details as per the PROFORMA FOR SUBMISSION OF QUOTATION inside a sealed envelope, along with ALL required documents and relevant items.

PROFORMA FOR SUBMISSION OF QUOTATION

No	Equipment	Make & Model	New Kits		
			Unit Price in ₹ (Without GST)	Qty	Total Price in ₹ (Without GST)
1	DSB/SSB AM Transmitter			2	
2	DSB/SSB AM Receiver			2	
3	Frequency Modulation/Demodulation			2	
4	Frequency Modulation Communication			1	
5	Armstrong Frequency Modulation/Demodulation			1	
6	Four Channel Analog Time Division Multiplexing			2	
7	MSK Modulation / Demodulation			2	
8	Frequency Division Multiplexer /Demultiplexer			2	
9	Elementary Fiber Optic			2	
10	Synchronous AM Detector			1	
11	Optical Fiber Communication			2	
12	Sampling & Reconstruction			2	
13	TDM Pulse Amplitude Modulation/Demodulation			2	
14	Data Formatting and Carrier Modulation/Transmitter			2	
15	Data Reformatting & Carrier Demodulation Receiver			2	
16	PAM-PPM-PWM Modulation & Demodulation			2	
17	PCM, DPCM, CVSD Modulator and Demodulator			2	
18	Delta, Adaptive Delta, Sigma Delta Modulator & Demodulator			2	
19	Delta, Adaptive Delta, Sigma Delta Modulation & Demodulation			1	
20	Differential Pulse Code Modulation			1	
21	5-Channel TDM-PCM Transmitter and Receiver			2	
22	Software Defined Radio			2	
23	IoT Builder			2	
			Total Price (Without GST) in ₹		
			Total Applicable GST (@) & Other Charges on ALL above items in ₹		
			Total Price (ALL inclusive) in ₹		
			LESS against Buyback of Existing Kits (ALL Units) as per the Tender Document in ₹		
			Net Quoted Amount (ALL inclusive with Buyback in ₹		

Encl :

- (1) Certificates as per the Terms and Conditions a)
- (2) Technical Specification Sheets for each quoted items

Date :

Signature with Seal