



Engineering College, Ajmer,
N.H.8 , Barliya Circle, Near Nareli Temple, Ajmer

PURCHASE ORDER

ECA (TEQIP-III/2019) 141
Package Code: TEQIP-III/2019/RJ/GECA/20

26/Nov/2019
Current Date: 20-Nov.-2019
Method: Shopping Goods

Package Name: GECA/TEQIP-III /2019-20/ ECE -
Multipurpose Instruments-I

PO Reference No : TEQIP-III/2019/RJ/GECA/20
Date of Issue: 20-Nov.-2019
Subject : GECA/TEQIP-III /2017-18/ECE - Multipurpose Instruments-I

Purchaser : Engineering College, Ajmer,
N.H.8 , Barliya Circle, Near Nareli Temple, Ajmer

Supplier Name: M/s Convergent Technologies.
204, 2nd Main Mahalakshmi Layout,
Banglore-560086

With reference to our correspondence, Engineering College, Ajmer, N.H.8 , Barliya Circle, Near Nareli Temple, Ajmer, is pleased to award this detailed Purchase Order to for supply of items as per the details given below at a total cost (Contract Value) of Rs. 2499004 (In Words: Twenty Four Lakhs Ninety Nine Thousands Four Only)

S. N.	Item Name	Quantity	Place of Delivery	Installation Requirement (if any)
1	Linear DC Power Supply	15	Engg. College, Ajmer N.H., 8, Barliya Circle, Near Nareli Temple, Ajmer	Onsite installation and testing & commissioning required.
2	Spectrum Analyser	1		
3	Digital Multi-meter	20		
4	25 MHz 2 channel Arbitrary Function generator	20		
5	Digital storage Oscilloscopes	20		

Total price (without taxes) : Rs. 2117800
Total applicable taxes : Rs. 381204
Total price (with taxes) : Rs. 2499004
Total Octroi & Other Charges : Rs. 0



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Delivery :

Engineering College, Ajmer,

N.H.8 , Barliya Circle, Near Nareli Temple, Ajmer

Testing/Installation Clause (if any):

Onsite installation and testing & commissioning required. The vendor should visit the site to understand the installation requirement

Training Clause (if any) :

Onsite installation and testing & commissioning required. The vendor should visit the site to understand the installation requirement.

Technical Specifications :

As per Annexure - 1

Delivery Period :

45 days or as early possible.

Warranty (In Months):

36 Months from the date of successful acceptance of items.

Payment Terms :

Below are the payment terms-

Satisfactory Delivery & Installation - 90% of total cost

Satisfactory Acceptance - 10% of total cost

Liquidated Damages :

Liquidated Damages will be charged at the rate of 0.01 % per day on pre tax billing amount if delivery period exceeds 45 days. Purchase Order shall be understood cancelled automatically without any prior notification if delivery period exceeds 60 days.

Performance Security

Performance security amount Rs 105890 at the rate of (5 %) of the Total contract value to be submitted in form of Bank guarantee of any Nationalized. Bank only within 21 day from the date of issue of PO.

Invoice Generation:

The invoice has to be generated against GST No.

08AABAP0959P1ZZ of Govt. Engineering College, Ajmer

Dr. U. S. Modani

Principal



Accepted by **Principal**
Govt. Engineering College,

Date: **AJMER**

Address:





measurement (Fahrenheit and Celsius units), Frequency measurement, Capacitance measurement, Diode test, Duty cycle, Auto ranging/manual range selection, DATA HOLD function, for holding measured values, Backlit LCD, REL function, Over range indication, Display 3 7/8 digits(5000 max) AUTO-OFF function.

AC Current measurement Range: 400.0μA, 4.000μA, 40.00 mA, 400.00 Ma, 4.000A, 10.00A

Accuracy: ±(1.5% m.v + 5 digits)

DC Current measurement Range: 400.0μA, 4.000μA, 40.00 mA, 400.00 Ma, 4.000A, 10.00A

Accuracy: ±(1.5% m.v + 5 digits)

AC Voltage measurement Range: 400.0mV, 4.000V, 40.00V, 400.0V, 600.0V

Accuracy: ±(1.5% m.v + 70 digits)

DC Voltage measurement Range: 400.0mV, 4.000V, 40.00V, 400.0V, 600.0V

Accuracy: ±(1.5% m.v + 70 digits)

Frequency measurement Range: 5.000Hz, 50.000Hz, 500.000Hz, 5.000KHz, 50.000KHz, 500.000KHz, 5.000 MHz, 10.00 MHz

Accuracy: ±(1.5% m.v + 5 digits)

Resistance measurement Range: 400.0Ω, 4.000KΩ, 40.00KΩ, 400.0KΩ, 4.000MΩ, 40.00MΩ

Accuracy : ±(1.2% m.v + 4 digits)

Capacitance measurement Range: 40.00nF, 400.0nF, 4.000μF, 40.00μF, 100.0μF

Accuracy: ±(5% m.v + 7 digits)

Temperature measurement Range: -20.0...760.0°C, -4.0....1400°F

Accuracy : ±(3% m.v + 5°C), ±(3% m.v + 5°F)

Duty Cycle measurement Range: 0.1.....99.9%

Accuracy: ±(1.2% m.v + 2 digits)

Electric security: Measurement category CAT II 600V acc. to EN 61010-1: 2004

Protection class acc. to EN 60529 : IP40

Other technical data:

- power supply 9V battery type 6LR61
- display 5000 counts, backlit LCD
- continuity test I<0,3mA, sound signal for R<50Ω
- accordance with following standards EN 61010-1:2004EN 61010-2-032
- quality standard ISO 9001

Analog Channels	2
Sample Rate	125 MS/s
Bandwidth	25 MHz
Vertical Resolution	14-bit
Record Length	8k points
Output Frequency Range	25 MHz
Output amplitude Range	1 mVp-p to 10 Vp-p (50ohm load)
Arbitrary Waveform	64-MByte internal non-volatile memory

4

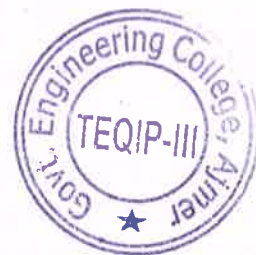
25 MHz - 2
channel
Function
Generator



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		Storage	
		Frequency Counter	Built-in 200 MHz counter with 6-digit resolution
		Connectivity	Trigger In, Ext Modulation In, Ext Ref In and Out, USB Host and Device
		Display	3.95 inch color TFT LCD
		Other Features	Continuous, sweeping, burst, and modulation modes (AM, FM, PM, ASK, FSK, PSK, PWM); output over current protection
		Software	Free Software makes user defined waveforms editing extremely easy through an external USB memory stick
		Warranty	5-year Warranty
5	Digital Storage Oscilloscope	1. Bandwidth & Channel	: 100 MHz & 2 Channel
		2. Sample rate	: 2 GSa/Sec on each channel.
		3. Automatic Measurement	: Period, Frequency, Positive Width, Negative Width, Rise Time, Fall : Time, Maximum, Minimum, Peak-Peak, Mean, RMS, Cycle RMS, Cursor RMS, Phase, Positive Pulse Cnt, Neg Pulse Cnt, Rise Edge Cn, Fall Edge Cn, Pos Duty, Negative Duty, Amplitude, Cycle Mean, Cursor Mean, Burst Width, Positive Overshoot, Negative Overshoot, Area, Cycle Area, High, Low, Delay RR, Delay RF, Delay FR, Delay FF.
		4. Advance triggers including pulse and line selectable video triggers.	
		5. 7 inch WVGA (800X480) Active TFT Color Display and zoom function.	
		6. 34 automated measurements, Dual window FFT, simultaneously monitor both the time and frequency domains.	
		7. Integrated courseware feature and dual channel 6 digit frequency counter.	
		8. 5 year Standard Warranty.	
		9. DC Gain accuracy	: $\pm 3\%$, from 10mV per/div to 5V/div.
		10. Time base range	: 2.5 nS to 50 s/div.
		11. Peak detect	: High-frequency and random glitch capture. Captures glitches as narrow as 12 ns (typical) at all-time base settings from 5 μ s/div to 50 s/div.
		12. Input sensitivity range	: 2mV to 5V/div with calibrated fine adjustment.
		13. Education courseware software.	
		14. Operating temperature	: 0 to +50°C.

R. S. M. B. H.



Annexure 2 (Purchase Order)

PERFORMANCE SECURITY FORM

To: _____ (Name of Purchaser)

WHEREAS (Name of Supplier)
hereinafter called "the Supplier" has undertaken , in pursuance of Contract (Notification of Award) No..... dated,..... 2019 to supply.....
.....(Description of Goods and Services) hereinafter called "the Contract".

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a Nationalized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a Guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of (Amount of the Guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limit of (Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until theday of.....2019.

Signature and Seal of Guarantors

Date.....2019.

Address:.....
.....
.....

Note: *The Bank Guarantee to be issued by nationalized bank only and is to be submitted on a non-judicial stamp paper of Rs. 100/- (One Hundred only). The non-judicial stamp paper should be purchased in the name of issuing bankers. The Issuing bank must provide its Head Office/Regional office addresses of communication*