

**Format for Submission of Expression of Interest and details specification of
Vector Network Analyser**

Brief about Expression of Interest.

Name of the Equipment/ Good	Vector Network Analyser
Location of the Supply	Veer Surendra Sai University of Technology, Burla, Odisha-768018
Name of Authority	Vice-Chancellor
Eligible firms	The firm should be the OEM/Authorized Dealers of the OEM having experience in supply and maintenance of the same item earlier.
Date of Submission of EOI	Last date is 28.11.2019
Contact person	Nodal Officer, Procurement, TEQIP-III, VSSUT, Burla
Phone Number of Contact person	9437177717
Email	pcvssutb@gmail.com
Address for submission of EoI	<u>Nodal Officer, Procurement, TEQIP</u> Veer Surendra Sai University of Technology, Burla, Odisha-768018.
Selection Process	Stage1: Expression of Interest (EOI); Stage 2: Quotation proposal submission in TEQIP-III format
	<ul style="list-style-type: none"> • <u>The EoI will be submitted by Speed Post/Registered Post only</u> • The sealed envelope containing the EoI should be super scribed with “Expression of Interest (EoI) for supply of Vector Network Analyser in Department of Electronics and Telecom Engineering”

Specifications of Vector Network Analyser :-

1	Frequency range	10 MHz to 20 GHz
2	Frequency resolution(10Mhz to 20GHz)	1Hz
3	a) Frequency Accuracy	±1 ppm (at time of calibration)
	b) Frequency Stability	± 1.0 ppm from 0 °C to +50 °C,
4	IF Bandwidth	10 Hz-300 KHz
5	Number of ports	2-port
6	Connector Type	3.5mm/2.92mm ports - 2Nos

7	System Dynamic Range (10Mhz to 20Ghz at 10Hz IF BW)	≥ 100 dB
8	Datapoints and Speed	2 to 15000 data points with sweep speed of < 200 μ s/point,
9	Damage Input Level	+23 dBm maximum, ± 50 VDC maximum
10	Calibration	SOLT,SSLT
11	Cal kit	Calibration component 3.5mm /2.92mm should be quoted.
12	Test Port Cables	2nos Armoured Flexible Test Port Extension cable to be provided
13	Measurement Parameters	S11, S21, S12, S22,
14	Graph/Display Format	Log Magnitude, Phase, Group Delay, Real,Imaginary, SWR, Impedance, Smith Chart, Polar
15	Programming	Remote operation and Programming Should be possible
16	Warranty	3 years
17		Display/ VNA should be provided with a compataible Laptop/PC . All standard accessories and required cables, test port extension cables and calibration component to be supplied.
18	Model type	Bench top

APPLICANT'S EXPRESSION OF INTEREST

To,

Nodal Officer, Procurement, TEQIP-III
TEQIP Cell
Veer Surendra Sai University of Technology
PO- College of Engineering, Burla
Sambalpur - 768018
Odisha

Sub: **Submission of Expression of Interest for supply of with the given Technical specification under TEQIP-III.**

Dear sir

In response to the Invitation for Expressions of Interest (EOI) published on _____ for the above purpose, we would like to express interest to carry out the above proposed task. As instructed, we agree to supply the equipment /item with the following Technical specification:

Technical specifications

Organizational Details :

1. Name of the Organization
2. Complete postal address with pin code:
3. GST No:
4. PAN No.:
5. Telephone No.
6. Fax Number
7. Mail Id:
8. Name of representative:
9. Representative Mobile Number :
10. Representative E mail Id:

Experience in related fields: Attach the purchase orders if supplied to the institutions or organizations of repute. This is a key requirement to consider a firm for inviting quotation.

Additional information (if any):

Declaration: We hereby confirm that we are interested in supplying the above equipment/item as per the given Technical specification to VSSUT, Burla under TEQIP III and we certify that our organization has not been blacklisted during last three financial years. All the information provided herewith is genuine and accurate.

Sincerely Yours,

Signature of the applicant
[Full name of applicant]

Stamp.....

Date:

Note: This is to be furnished on the letter head of the organization and signed in every page.