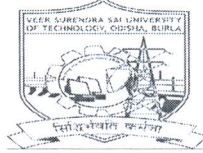


**VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY  
BURLA**

**Department of Electronics & Telecommunication Engineering**

P.O. Engineering College  
Burla, Pin-768 018  
Dist:Sambalpur, Odisha, (India)



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[www.vssut.ac.in](http://www.vssut.ac.in)

**QUOTATION CALL NOTICE**

Memo No. VSSUT/EL&TCE/UGC/01/14/ 6630

Dt. 26.02.2014

Sealed Quotations are hereby invited from all registered Firms/Supplier/Dealers/S.S.I Units having up-to-date Income and Sale Tax clearance and interested in supply of the following materials at the premises of VSSUT, Burla. The sealed quotations shall reach the undersigned within the office hour by **04:00 P.M. of Date 14.03.2014**. Quotations received beyond this date are liable to be rejected.

Sl. No	Description of the material with specification	Quantity	Remarks
1.	<b>Bench Type Digital Multimeter True RMS</b> <i>4 1/2 digit</i> <b>DC VOLTAGE : Auto and Manual</b> Range :200mV, 2V, 20V, 200V, 1000V Resolution:10μV, 100μV, 1mV,10mV,100mV <b>AC VOLTAGE : Auto and Manual</b> Range 200mV, 2V, 20V, 200V, 750V/ 300V Auto Resolution: 10μV, 100μV, 1mV,10mV,100mV <b>DC CURRENT:</b> Range :200μA, 2mA, 20mA, 200mA, 2000mA, 20A Resolution: 10nA, 100nA, 1μA,10μA,100μA, 10mA <b>AC CURRENT : Manual mode only</b> Range 200μA, 2mA, 20mA, 200mA, 2000mA, 20A Resolution: 10nA, 100nA, 1μA,10μA,100μA, 10mA <b>RESISTANCE : Auto and Manual</b> Range: 200Ω, 2kΩ, 20kΩ, 200kΩ, 2000kΩ Resolution: 10mΩ,10mΩ , 100mΩ , 1Ω ,10Ω ,100Ω , 1KΩ,		
2.	<b>Function Generator 2MHz / 3MHz</b> <b>Operating Modes :</b> Sine, Square, Triangle, DC, Free running, internal sweep or external frequency modulation, with or without DC offset, with mode and frequency display. <b>Frequency Range :</b> 0.3 Hz to 3 MHz <b>Output Voltage:</b> 10 Vpp into 50Ω, max 20v(p-p) open circuit.		
3.	<b>DC Power supplies</b> Range:0-30V (variable), Current: 3A.		
4.	<b>Digital Storage Oscilloscope</b> 50MHz, 2 channel		
5.	<b>Oscilloscope (25 MHz, 2-channel)</b>		

Terms and Conditions of Purchase

1. The prices are for VSSUT Burla inclusive of all taxes and levies, freight and delivery charges, installation and demonstration charges and are to be delivered within 30 days from the date of issue of PO.
2. The supplier must supply all ordered items at a time. Then part supplies are not acceptable and will not be entertained on any account. Any loss or damage during transit will be replaced at the cost of supplier.
3. Tax component may be reflected separately in the bill.
4. The supplier shall submit all bills in triplicate on printed forms only, to the Comptroller of Finance, VSSUT (Formally University College of Engineering), Burla. The Comptroller of Finance, VSSUT, Burla will make payments through account payee cheque drawn on SBI, Burla in Indian rupees. No interest on any deferred claim arising out of this purchase shall be payable in any case whatsoever.
5. After receipt of Material in good conditions as per the specification, 100% of the billed amount will be released within 15 days.
6. The Comptroller of Finance VSSUT, Burla reserves the right to cancel the purchase order if the equipment supplied failed to meet the specification mentioned within the terms and conditioned of this quotation called document. The Comptroller of Finance VSSUT, Burla shall not be held responsible for any loss or damage suffered by the quotationer as a result of the cancellation of the purchase order.
7. The Comptroller of Finance VSSUT, Burla may at any time terminate the contract by giving written notice to the supplier without compensation to supplier, if the supplier become bankrupt or otherwise insolvent as declared by the competent quote provided that such termination will prejudice or affect any right or action or remedy which has accrued or will accrue thereafter to the Comptroller of Finance VSSUT, Burla.
8. Any dispute arising out of deal shall be subjected to the jurisdiction of the court at Sambalpur within the state of Odisha.
9. The Comptroller of Finance VSSUT, Burla reserves the right to add/delete/change any of the terms and conditioned stipulated herein.

By Order of the Vice-Chancellor  
Sd-  
COMPTROLLER OF FINANCE

Memo No. VSSUT/EL&TCE/UGC/01/14 / 6631 (2)

Dt. 26.02.2014

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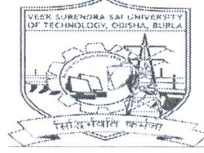
1. Dean F&P with a request to host in the University website.
2. All Notice Board.

  
COMPTROLLER OF FINANCE

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**QUOTATION CALL NOTICE**

Memo No. VSSUT/EL&TCE/UGC/01/14/ 6628

Dt. 26.02.2014

Sealed Quotations are hereby invited from all registered Firms/Supplier/Dealers/S.S.I Units having up-to-date Income and Sale Tax clearance and interested in supply of the following materials at the premises of VSSUT, Burla. The sealed quotations shall reach the undersigned within the office hour by **04:00 P.M. of Date 14.03.2014**. Quotations received beyond this date are liable to be rejected.

Sl. No	Description of the material with specification	Quantity	Remarks
1.	Verification of Maximum Power Transfer Theorem with two digital meters and voltage and current power supplies.		
2.	Verification of Network Theorems (Kirchhoff's, Superposition, Thevenin and Norton) with two digital meters and voltage and current power supplies.		
3.	Transient Response Study of RC Circuits (Series and Parallel) by Step and Impulse functions with voltage and current step and impulse functions of variable frequency.		
4.	Transient Response Study of RLC Circuits (Series and Parallel) by Step and Impulse functions with voltage and current step and impulse functions of variable frequency.		
5.	Determination of z & h parameters (DC only) and computation of y & ABCD Parameters with DC voltage source, digital voltmeter and two digital current meters.		
6.	Determination of z-parameters of a T-network and computation and realization of corresponding $\pi$ -network with DC voltage source, digital voltmeter and current meter		
7.	Transient Response Study of RC and RL Circuits (Series and Parallel) by Step and Impulse functions.		
8.	Determination of Driving point and transfer function of a two pole ladder network and verify with theoretical values (with voltage power supply and three digital meters).		
9.	Study of Amplitude Modulation using transistor, measurement of modulation depth, demodulation of AM signal by envelope detector & study of diagonal peak clipping effect.		
10.	Study of Amplitude Modulation and Demodulation (IC version).		
11.	Study of Frequency Modulation and Phase lock loop(PLL) and detection of FM signal using PLL.		
12.	Study of Frequency Modulation and Demodulation by Foster-Seeley Discriminator.		



13.	Study of Telephone Transmission Line characteristics.		
14.	Study of Balance Modulator (DSB) and its Demodulator.		
15.	Study of Voltage Controlled Oscillator (VCO) using IC 566. <b>NOTES:</b> 1. A complete working manual is to be provided with the expt. kit. 2. Stackable type connecting leads are to be supplied with the expt. kit. 3. Expt. kit should have its own regulated and short circuit proof power supply. 4. Panel of experimental boards are to be engraved and components are to be mounted on the top of the panel/PCB for easy understanding/long life of the kit.		

Terms and Conditions of Purchase

1. The prices are for VSSUT Burla inclusive of all taxes and levies, freight and delivery charges, installation and demonstration charges and are to be delivered within 30 days from the date of issue of PO.
2. The supplier must supply all ordered items at a time. Then part supplies are not acceptable and will not be entertained on any account. Any loss or damage during transit will be replaced at the cost of supplier.
3. Tax component may be reflected separately in the bill.
4. The supplier shall submit all bills in triplicate on printed forms only, to the Comptroller of Finance, VSSUT (Formally University College of Engineering), Burla. The Comptroller of Finance, VSSUT, Burla will make payments through account payee cheque drawn on SBI, Burla in Indian rupees. No interest on any deferred claim arising out of this purchase shall be payable in any case whatsoever.
5. After receipt of Material in good conditions as per the specification, 100% of the billed amount will be released within 15 days.
6. The Comptroller of Finance VSSUT, Burla reserves the right to cancel the purchase order if the equipment supplied failed to meet the specification mentioned within the terms and conditioned of this quotation called document. The Comptroller of Finance VSSUT, Burla shall not be held responsible for any loss or damage suffered by the quotationer as a result of the cancellation of the purchase order.
7. The Comptroller of Finance VSSUT, Burla may at any time terminate the contract by giving written notice to the supplier without compensation to supplier, if the supplier become bankrupt or otherwise insolvent as declared by the competent quote provided that such termination will prejudice or affect any right or action or remedy which has accrued or will accrue thereafter to the Comptroller of Finance VSSUT, Burla.
8. Any dispute arising out of deal shall be subjected to the jurisdiction of the court at Sambalpur within the state of Odisha.
9. The Comptroller of Finance VSSUT, Burla reserves the right to add/delete/change any of the terms and conditioned stipulated herein.

By Order of the Vice-Chancellor  
Sd-  
COMPTROLLER OF FINANCE

Memo No. VSSUT/EL&TCE/UGC/01/14 / 6629 (2)

Dt. 26.02.2014

**Copy to:-**

1. Dean F&P with a request to host in the University website.
2. All Notice Board.

*P. S. Talia*  
COMPTROLLER OF FINANCE

# VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY BURLA

## Department of Electronics & Telecommunication Engineering

P.O. Engineering College  
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### QUOTATION CALL NOTICE

Memo No. VSSUT/EL&TCE/UGC/01/14/ 6632

Dt. 26.02.2014

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Sl. No	Description of the material with specification	Quantity	Remarks
1.	<b>Instrumentation Trainer using Transducer</b> (Complete set up for experiments on LVDT, RTD, Thermocouple, Thermistor and Opto devices like photo diode, photo transistor, LDR, Zener diode etc.)		

#### Terms and Conditions of Purchase

1. The prices are for VSSUT Burla inclusive of all taxes and levies, freight and delivery charges, installation and demonstration charges and are to be delivered within 30 days from the date of issue of PO.
2. The supplier must supply all ordered items at a time. Then part supplies are not acceptable and will not be entertained on any account. Any loss or damage during transit will be replaced at the cost of supplier.
3. Tax component may be reflected separately in the bill.
4. The supplier shall submit all bills in triplicate on printed forms only, to the Comptroller of Finance, VSSUT (Formally University College of Engineering), Burla. The Comptroller of Finance, VSSUT, Burla will make payments through account payee cheque drawn on SBI, Burla in Indian rupees. No interest on any deferred claim arising out of this purchase shall be payable in any case whatsoever.
5. After receipt of Material in good conditions as per the specification, 100% of the billed amount will be released within 15 days.
6. The Comptroller of Finance VSSUT, Burla reserves the right to cancel the purchase order if the equipment supplied failed to meet the specification mentioned within the terms and conditioned of this quotation called document. The Comptroller of Finance VSSUT, Burla shall not be held responsible for any loss or damage suffered by the quotationer as a result of the cancellation of the purchase order.

7. The Comptroller of Finance VSSUT, Burla may at any time terminate the contract by giving written notice to the supplier without compensation to supplier, if the supplier become bankrupt or otherwise insolvent as declared by the competent quote provided that such termination will prejudice or affect any right or action or remedy which has accrued or will accrue thereafter to the Comptroller of Finance VSSUT, Burla.
8. Any dispute arising out of deal shall be subjected to the jurisdiction of the court at Sambalpur within the state of Odisha.
9. The Comptroller of Finance VSSUT, Burla reserves the right to add/delete/change any of the terms and conditioned stipulated herein.

By Order of the Vice-Chancellor  
Sd-  
COMPTROLLER OF FINANCE

Memo No. VSSUT/EL&TCE/UGC/01/14 / 6633 (2)

Dt. 26.02.2014

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2. All Notice Board.

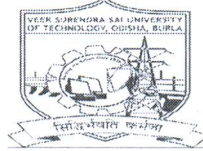
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**QUOTATION CALL NOTICE**

Memo No. VSSUT/EL&TCE/UGC/01/14/ 6634

Dt. 26.02.2014

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Sl. No	Description of the material with specification	Quantity	Remarks
1.	8085 MICROPROCESSOR TRAINER KIT WITH INBUILT POWER SUPPLY WITH ASSOCIATED ACCESSORIES AND MANUALS.		
2.	8086/8088 MICROPROCESSOR TRAINER KIT WITH INBUILT POWER SUPPLY WITH ASSOCIATED ACCESSORIES AND MANUALS.		
3.	8031/8051 MICROCONTROLLER TRAINER KIT WITH LCD DISPLAY AND INBUILT POWER SUPPLY WITH ASSOCIATED ACCESSORIES AND MANUALS.		

Terms and Conditions of Purchase

1. The prices are for VSSUT Burla inclusive of all taxes and levies, freight and delivery charges, installation and demonstration charges and are to be delivered within 30 days from the date of issue of PO.
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5. After receipt of Material in good conditions as per the specification, 100% of the billed amount will be released within 15 days.

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7. The Comptroller of Finance VSSUT, Burla may at any time terminate the contract by giving written notice to the supplier without compensation to supplier, if the supplier become bankrupt or otherwise insolvent as declared by the competent quote provided that such termination will prejudice or affect any right or action or remedy which has accrued or will accrue thereafter to the Comptroller of Finance VSSUT, Burla.
8. Any dispute arising out of deal shall be subjected to the jurisdiction of the court at Sambalpur within the state of Odisha.
9. The Comptroller of Finance VSSUT, Burla reserves the right to add/delete/change any of the terms and conditioned stipulated herein.

By Order of the Vice-Chancellor  
Sd-  
COMPTROLLER OF FINANCE

Memo No. VSSUT/EL&TCE/UGC/01/14 / 6635 (2)

Dt. 26.02.2014

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2. All Notice Board.

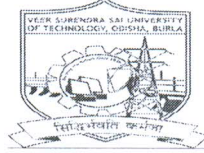
*D. S. Talley*  
COMPTROLLER OF FINANCE



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**QUOTATION CALL NOTICE**

Memo No. VSSUT/EL&TCE/UGC/01/14/ 6626

Dt. 26.02.2014

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Sl. No	Description of the material with specification	Quantity	Remarks
1.	Study the characteristics of Gunn Oscillator		
	Gunn Oscillator		
	PIN Modulator		
	Gunn Power Supply		
	BNC Cable		
	TNC Cable		
2.	Measure dielectric constant of solid, liquid and phase shift		
	Precision Short		
	Solid Dielectric Cell		
	Liquid Dielectric Cell		
	Phase Shifter		
3.	Measure radiation pattern of Antennas		
	Pick up horn		
	Slotted Antenna - Broad Wall		
	Slotted Antenna - Narrow Wall		
	Dielectric Antenna		
	E-Sectoral Horn		
	H-Sectoral Horn		
	Parabolic Disc (with feed) 8" dia		

Terms and Conditions of Purchase

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By Order of the Vice-Chancellor  
Sd-  
COMPTROLLER OF FINANCE

Memo No. VSSUT/EL&TCE/UGC/01/14 / 6627 (2)

Dt. 26.02.2014

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