

INVITATION FOR QUOTATION

TEQIP-III/2018/gwec/Shopping/25

1-Feb-2019

To,

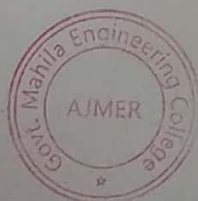
Sub: Invitation for Quotations for supply of Goods for Research Lab-II (EEE)

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	MSO multi signal, Power Quality Analyse,	1	30	Electrical and Electronics Engineering Department	Yes


2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme[TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.
3. Quotation,
 - 3.1 The contract shall be for the full quantity as described above.
 - 3.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
 - 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.



11. You are
12.
- 3.4 Applicable taxes shall be quoted separately for all items.
- 3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 3.6 The Prices should be quoted in Indian Rupees only.
4. Each bidder shall submit only one quotation.
5. Quotation shall remain valid for a period not less than 55 days after the last date of quotation submission.
6. Evaluation of Quotations,
The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
- 6.1 are properly signed ; and
- 6.2 confirm to the terms and conditions, and specifications.
7. The Quotations would be evaluated for all items together.
8. Award of contract:
The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
- 8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
- 8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
9. Payment shall be made in Indian Rupees as follows:
Delivery and Installation - 90% of total cost
Satisfactory Acceptance - 10% of total cost
10. All supplied items are under warranty of 36 months from the date of successful acceptance of items.



11. You are requested to provide your offer latest by **15:00** hours on **05-Mar-2019** .
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **Required On Site**
14. Testing/Installation Clause (if any) **Required On Site**
15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
16. Sealed quotation to be submitted/ delivered at the address mentioned below,
Makhupura, Nasirabad Road, Ajmer -305002
17. We look forward to receiving your quotation and thank you for your interest in this project.
18. Your are requested to provide Company Profile details viz Company Registration Cetificate ,
GST Registration Certificate and necessary documents duly certified by Chartered
Accountants and Notary Public.


(Authorized Signatory)
Principal
Govt. Women Engg. College
Name & Designation
Ajmer



Annexure I

Sr. No	Item Name	Specifications																																																																																																										
1	MSO multi signal, Power Quality Analyse,	<p>MSO (Research Lab-II) Oscilloscope,</p> <p>InfiniiVision Series, 4+16 Channel, 100 MHz, 5 GSPS, 4 Mpts, 3.5 ns</p> <p>Power Quality Analyzer</p> <table><tr><th colspan="5">Product specifications</th></tr><tr><th></th><th>Model</th><th>Measurement range</th><th>Resolution</th><th>Accuracy</th></tr><tr><td colspan="5">Volt</td></tr><tr><td>Vrms (ac+dc)</td><td>434-II</td><td>1 V to 1000 V phase to neutral</td><td>0.1 V</td><td>± 0.5% of nominal voltage****</td></tr><tr><td>Vpk</td><td></td><td>1 Vpk to 1400 Vpk</td><td>1 V</td><td>5% of nominal voltage</td></tr><tr><td>Voltage Crest Factor (CF)</td><td></td><td>1.0 > 2.8</td><td>0.01</td><td>± 5 %</td></tr><tr><td>Vrms%</td><td>434-II</td><td>1 V to 1000 V phase to neutral</td><td>0.1 V</td><td>± 1% of nominal voltage</td></tr><tr><td>Vfund</td><td>434-II</td><td>1 V to 1000 V phase to neutral</td><td>0.1 V</td><td>± 0.5% of nominal voltage</td></tr><tr><td colspan="5">Amps (accuracy excluding clamp accuracy)</td></tr><tr><td rowspan="4">Amps (ac +dc)</td><td>i430-Flex 1x</td><td>5 A to 6000 A</td><td>1 A</td><td>± 0.5% ± 5 counts</td></tr><tr><td>i430-Flex 10x</td><td>0.5 A to 600 A</td><td>0.1 A</td><td>± 0.5% ± 5 counts</td></tr><tr><td>1mV/A 1x</td><td>5 A to 2000 A</td><td>1A</td><td>± 0.5% ± 5 counts</td></tr><tr><td>1mV/A 10x</td><td>0.5 A A to 200 A (ac only)</td><td>0.1 A</td><td>± 0.5% ± 5 counts</td></tr><tr><td rowspan="2">Apk</td><td>i430-Flex</td><td>8400 Apk</td><td>1 Arms</td><td>± 5 %</td></tr><tr><td>1mV/A</td><td>5500 Apk</td><td>1 Arms</td><td>± 5 %</td></tr><tr><td>A Crest Factor (CF)</td><td></td><td>1 to 10</td><td>0.01</td><td>± 5 %</td></tr><tr><td rowspan="4">Amps%</td><td>i430-Flex 1x</td><td>5 A to 6000 A</td><td>1 A</td><td>± 1% ± 10 counts</td></tr><tr><td>i430-Flex 10x</td><td>0.5 A to 600 A</td><td>0.1 A</td><td>± 1% ± 10 counts</td></tr><tr><td>1mV/A 1x</td><td>5 A to 2000 A</td><td>1A</td><td>± 1% ± 10 counts</td></tr><tr><td>1mV/A 10x</td><td>0.5 A A to 200 A (ac only)</td><td>0.1 A</td><td>± 1% ± 10 counts</td></tr><tr><td rowspan="3">Afund</td><td>i430-Flex 1x</td><td>5 A to 6000 A</td><td>1 A</td><td>± 0.5% ± 5 counts</td></tr><tr><td>i430-Flex 10x</td><td>0.5 A to 600 A</td><td>0.1 A</td><td>± 0.5% ± 5 counts</td></tr><tr><td>1mV/A 1x</td><td>5 A to 2000 A</td><td>1A</td><td>± 0.5% ± 5 counts</td></tr></table>	Product specifications						Model	Measurement range	Resolution	Accuracy	Volt					Vrms (ac+dc)	434-II	1 V to 1000 V phase to neutral	0.1 V	± 0.5% of nominal voltage****	Vpk		1 Vpk to 1400 Vpk	1 V	5% of nominal voltage	Voltage Crest Factor (CF)		1.0 > 2.8	0.01	± 5 %	Vrms%	434-II	1 V to 1000 V phase to neutral	0.1 V	± 1% of nominal voltage	Vfund	434-II	1 V to 1000 V phase to neutral	0.1 V	± 0.5% of nominal voltage	Amps (accuracy excluding clamp accuracy)					Amps (ac +dc)	i430-Flex 1x	5 A to 6000 A	1 A	± 0.5% ± 5 counts	i430-Flex 10x	0.5 A to 600 A	0.1 A	± 0.5% ± 5 counts	1mV/A 1x	5 A to 2000 A	1A	± 0.5% ± 5 counts	1mV/A 10x	0.5 A A to 200 A (ac only)	0.1 A	± 0.5% ± 5 counts	Apk	i430-Flex	8400 Apk	1 Arms	± 5 %	1mV/A	5500 Apk	1 Arms	± 5 %	A Crest Factor (CF)		1 to 10	0.01	± 5 %	Amps%	i430-Flex 1x	5 A to 6000 A	1 A	± 1% ± 10 counts	i430-Flex 10x	0.5 A to 600 A	0.1 A	± 1% ± 10 counts	1mV/A 1x	5 A to 2000 A	1A	± 1% ± 10 counts	1mV/A 10x	0.5 A A to 200 A (ac only)	0.1 A	± 1% ± 10 counts	Afund	i430-Flex 1x	5 A to 6000 A	1 A	± 0.5% ± 5 counts	i430-Flex 10x	0.5 A to 600 A	0.1 A	± 0.5% ± 5 counts	1mV/A 1x	5 A to 2000 A	1A	± 0.5% ± 5 counts
Product specifications																																																																																																												
	Model	Measurement range	Resolution	Accuracy																																																																																																								
Volt																																																																																																												
Vrms (ac+dc)	434-II	1 V to 1000 V phase to neutral	0.1 V	± 0.5% of nominal voltage****																																																																																																								
Vpk		1 Vpk to 1400 Vpk	1 V	5% of nominal voltage																																																																																																								
Voltage Crest Factor (CF)		1.0 > 2.8	0.01	± 5 %																																																																																																								
Vrms%	434-II	1 V to 1000 V phase to neutral	0.1 V	± 1% of nominal voltage																																																																																																								
Vfund	434-II	1 V to 1000 V phase to neutral	0.1 V	± 0.5% of nominal voltage																																																																																																								
Amps (accuracy excluding clamp accuracy)																																																																																																												
Amps (ac +dc)	i430-Flex 1x	5 A to 6000 A	1 A	± 0.5% ± 5 counts																																																																																																								
	i430-Flex 10x	0.5 A to 600 A	0.1 A	± 0.5% ± 5 counts																																																																																																								
	1mV/A 1x	5 A to 2000 A	1A	± 0.5% ± 5 counts																																																																																																								
	1mV/A 10x	0.5 A A to 200 A (ac only)	0.1 A	± 0.5% ± 5 counts																																																																																																								
Apk	i430-Flex	8400 Apk	1 Arms	± 5 %																																																																																																								
	1mV/A	5500 Apk	1 Arms	± 5 %																																																																																																								
A Crest Factor (CF)		1 to 10	0.01	± 5 %																																																																																																								
Amps%	i430-Flex 1x	5 A to 6000 A	1 A	± 1% ± 10 counts																																																																																																								
	i430-Flex 10x	0.5 A to 600 A	0.1 A	± 1% ± 10 counts																																																																																																								
	1mV/A 1x	5 A to 2000 A	1A	± 1% ± 10 counts																																																																																																								
	1mV/A 10x	0.5 A A to 200 A (ac only)	0.1 A	± 1% ± 10 counts																																																																																																								
Afund	i430-Flex 1x	5 A to 6000 A	1 A	± 0.5% ± 5 counts																																																																																																								
	i430-Flex 10x	0.5 A to 600 A	0.1 A	± 0.5% ± 5 counts																																																																																																								
	1mV/A 1x	5 A to 2000 A	1A	± 0.5% ± 5 counts																																																																																																								



	1mV/A 10x	0.5 A A to 200 A (ac only)	0.1 A	$\pm 0.5\% \pm 5$ counts
Hz				
Hz	Fluke 434 @ 50 Hz nominal	42.50 Hz to 57.50 Hz	0.01 Hz	± 0.01 Hz
	Fluke 434 @ 60 Hz nominal	51.00 Hz to 69.00 Hz	0.01 Hz	± 0.01 Hz
Power				
Watts (VA, var)	i430-Flex	max 6000 MW	0.1 W to 1 MW	$\pm 1\% \pm 10$ counts
	1 mV/A	max 2000 MW	0.1 W to 1 MW	$\pm 1\% \pm 10$ counts
Power factor (Cos ϕ /DPF)		0 to 1	0.001	$\pm 0.1\%$ @ nominal load conditions
Energy				
kWh (kVAh, kvarh)	i430-Flex 10x	Depends on clamp scaling and V nominal		$\pm 1\% \pm 10$ counts
Energy loss	i430-Flex 10x	Depends on clamp scaling and V nominal		$\pm 1\% \pm 10$ counts Excluding line resistance accuracy
Harmonics				
Harmonic order (n)		DC, 1 to 50 Grouping: Harmonic groups according to IEC 61000-4-7		
Inter-harmonic order (n)		OFF, 1 to 50 Grouping: Harmonic and Interharmonic subgroups according to IEC 61000-4-7		
Volts	%f	0.0 % to 100 %	0.1 %	$\pm 0.1\% \pm n \times 0.1 \%$
	%r	0.0 % to 100 %	0.1 %	$\pm 0.1\% \pm n \times 0.4 \%$
	Absolute	0.0 to 1000 V	0.1 V	$\pm 5\%$ *
	THD	0.0 % to 100 %	0.1 %	$\pm 2.5 \%$
Amps	%f	0.0 % to 100 %	0.1 %	$\pm 0.1\% \pm n \times 0.1\%$
	%r	0.0 % to 100 %	0.1 %	$\pm 0.1\% \pm n \times 0.4 \%$
	Absolute	0.0 to 600 A	0.1 A	$\pm 5\% \pm 5$ counts
	THD	0.0 % to 100 %	0.1 %	$\pm 2.5 \%$
Watts	%f or %r	0.0 % to 100 %	0.1 %	$\pm n \times 2\%$
	Absolute	Depends on clamp scaling and V nominal	—	$\pm 5\% \pm n \times 2\% \pm 10$ counts
	THD	0.0 % to 100 %	0.1 %	$\pm 5 \%$
Phase Angle		-360° to +0°	1°	$\pm n \times 1^\circ$
Flicker				
Plt, Pst, Pst(1 min) Pinst		0.00 to 20.00	0.01	$\pm 5 \%$
Unbalance				



		Volts	%	0.0 % to 20.0 %	0.1 %	± 0.1 %
		Amps	%	0.0 % to 20.0 %	0.1%	± 1 %
		Mains signaling				
		Threshold levels		Threshold, limits and signaling duration is programable for two signaling frequencies	—	—
		Signaling frequency		60 Hz to 3000 Hz	0.1 Hz	
		Relative V%		0 % to 100 %	0.10 %	± 0.4 %
		Absolute V3s (3 second avg.)		0.0 V to 1000 V	0.1 V	± 5 % of nominal voltage



We confirm that the normal commercial warranty/ guarantee of ----- months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No: _____

