

Office of the TEQIP-III

National Institute Of Technology Karnataka, Surathkal Post Srinivasnagar Mangalore - 575025

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INVITATION LETTER

Package Code: TEQIP-III/2020/ntis/21

Current Date: 11-Feb-2020

Package Name: AC Grid Source

Method: Shopping Goods

To,

Sub: INVITATION LETTER FOR AC Grid Source (Revised Specs)

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	Item Name	Quantity	Place of Delivery	Installation Requirement (if
1	AC Grid Source	1	Head of the Department, Department of Electrical and Electronics Engineering, National Institute of Technology Karnataka, Surathkal,	any) Testing, Installation and satisfactory demo required.

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, initialling, 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.
- 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.
- Each bidder shall submit only one quotation.
- **5.** Quotation shall remain valid for a period not less than **90**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:

Payment Description	Expected Delivery Period (in Days)	Payment Percentage
Satisfactory Delivery & Installation	60	0
Satisfactory Acceptance	60	100

- Liquidated Damages will be applied as per the below: Liquidated Damages Per Day Min %: 1 Liquidated Damages Max %: 5
- 11. All supplied items are under warranty of **36** months from the date of successful acceptance of items and AMC/Others is **NA**.
- 12. You are requested to provide your offer latest by 03:00 PM on 27-Feb-2020.
- **13.** Detailed specifications of the items are at Annexure I.
- 14. Training Clause (if any) Training is required as per Buyer's needs
- 15. Testing/Installation Clause (if any) Testing, Installation and satisfactory demo required.
- 16. Performance Security shall be applicable: 5%
- 17. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
- 18. Sealed quotation to be submitted/ delivered at the address mentioned below,

Procurement Coordinator Office of the TEQIP-III National Institute of Technology Karnataka, Surathkal, Post Srinivasnagar Mangalore - 575025

19. We look forward to receiving your quotation and thank you for your interest in this project.

Nodal Officer (Procurement)

TEQIP-III, NITK Surathkal

Annexure I

Sr. No	Item Name	Specifications		
1	AC	AC Output Rating - Output Phase 1 or 3 selectable		
	Grid	Max. Power - 4.5kVA Per Phase 1.5kVA		
	Source	Voltage Range - 0~350V/Auto		
		Voltage Setting Accuracy - 0.1% of RD+0.2% of FS or better		
		Voltage Resolution - 0.1 V		
		Distortion - < 0.3% @50/60Hz		
		Line Regulation - 0.10%		
		Load Regulation - 0.20%		
		Maximum Current (1-Phase Mode) RMS -45A/22.5A or better		
		Peak (CF=4) -360A/180A		
		Maximum Current (each phase in 3-Phase Mode) RMS - 15A/7.5A		
		Peak (CF=4) -60A/30A or more		
		Frequency Range		
		15Hz~2000Hz or more		
		Accuracy - 0.01%		
		DC Output (1-Phase Mode) Power -75% of Full Load or more		
		DC output Voltage (1-Phase Mode) -247.5V/495V or more		
		DC output Current (1-Phase Mode) - 33.75A/16.875A		
		DC Output (3-Phase Mode) Power - 75% of Full Load		
		DC output Voltage (3-Phase Mode) - 247.5V/495V or more		
		DC Output Current (3-Phase Mode) -11.25A/5 625A or more		
		Input Rating Voltage Operating Range -3Ø 200-240V±10%VLN (WYE)		
		Input Power Factor -0.97 or better		
		Measurement		
		Voltage Range - 0~175V/0~350V/Auto		
		Accuracy 0.1% of RD+0.2% of FS or better		
		Current		
		Accuracy (RMS) 0.2% of RD+0.2% of FS or better		
		Accuracy (peak) 0.2% of RD+0.4% of FS or better		
		Power Accuracy 0.2% of RD+0.4% of FS or better		
		Power Line Distortion Simulation -LIST/PULSE/ STEP functions		
		Waveform Synthesis - 50 orders @50/60Hz		
		Harmonics Measurement Voltage/Current 50 orders @50/60Hz		
		Efficiency - >80% or more		
		Protection - OVP,OCP,OPP,OTP,FAN		
		Safety & EMC - CE mark		

FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date:

To:

Sales tax and other taxes payable	In figures (B)	
Sales tax and o	% uI	
Total Price (A)		
Oty. Unit Quoted Unit rate in Rs. Including Ex-Factory price, excise duty 2001:	forwarding, forwarding, transportation, insurance, other local costs incidental to delivery and warranty/guaranty commitments)	t
Unit		Total Cost
Qty.		Tot
Description of goods / (with full	Specifications)	
SI. No.		

s Total Cost (A+B): Rs. ons for a total contract price of Rs.	og specified in the Invitation
Gross Total Cos specifications for a to words) within the next	or a minimum (
accordance with the technical	
We agree to supply the above goods in accorda [Amount in figures] (Rupees ——for Quotations	We confirm that the name 1
We agree to a for Quotation	We confirm t

- months shall apply to the offered items We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery. and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter. We confirm that the normal commercial warranty/guarantee of-

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Address: Contact No.



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