

निविदा/कोटेशन के लिए आमंत्रण
INVITATION FOR TENDER / QUOTATION

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मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
इलाहाबाद-211004 (भारत)

Motilal Nehru National Institute of Technology Allahabad
Allahabad-211004 (India)

An Institute of National Importance as Declared by NIT Act, GOI, 2007

INVITATION FOR QUOTATION

TEQIP-II/2016/MNNIT/Shopping/136

07-Jun-2016

To,

Sub: Invitation for Quotations for supply of Goods

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.	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	11 KVA/3-Phase Programmable AC Power Source with Grid simulation capabilities	1	60	MNNIT ALLAHABAD	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 II** 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.
 - 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 **12** months from the date of successful acceptance of items.
 11. You are requested to provide your offer latest by **12:00** hours on **23-Jun-2016**.
 12. Detailed specifications of the items are at Annexure I.
 13. Training Clause (if any) **YES**
 14. Testing/Installation Clause (if any) **YES**
 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,
Office of Faculty In-charge (Purchase), MNNIT Allahabad Teliarganj, Allahabad-211004
 17. We look forward to receiving your quotation and thank you for your interest in this project.

Faculty In-charge (Purchase)

Annexure I

Sr.	Item Name	Specifications
1	11 KVA/3-Phase Programmable AC Power Source with Grid simulation capabilities	<ol style="list-style-type: none"> 1. AC Input Nominal 400V±10% L-L, Three Phase 2. Output Modes AC, DC & AC+DC 3. No. of Output: Single phase or 3-Phase able 4. AC Output & DC Output Output Power: 11KVA Output Voltage: Should be able in 0-150V & 0-300V range Current Per Phase: 16A at 115V-150V range; 8A at 230V-300V range per phase Peak repetitive AC current: At least 3 times the rms current at full scale voltage The system should be capable of being used in constant power mode. Load Regulation: < 0.025 % FS Line Regulation: < 0.015% FS THD: 0.25% at 100Hz; 0.5% at 500Hz; and 1% at 1 kHz to 5 kHz 5. Frequency Up to 5000Hz 6. Input Power factor 0.95 (minimum) 7. Protection Should support the following: (i) Over Load protection(ii)Over temperature protection (iii) Automatic 8. Monitoring and data Logging The system should have the monitoring and data logging system to record all input and output parameters. 9. Arbitrary waveform generation capability The system should have arbitrary waveform generation capability and harmonic support for the harmonic order 1-50. 10. I/O Interfaces and Software GUI for programming The system should provide Rs 232 or GPIB or USB interface for connecting to the computer and also should have the option of GUI for programming and control; preferably Windows based Graphical User Interface (GUI). 11. Operating temperature and Humidity Temperature: 0 – 40? C/ Storage: -20 to +85 ? C / Humidity: 0 to 95% non-condensing 12. Regenerative capability The system should be bidirectional, it should be capable to SINK the power and should be capable of setting up the regen current and time as appropriate for protection of the system in the event of any malfunction or fault situations 13. Grid Simulation capabilities The system should be capable of simulating various grid conditions such as Utility disturbances, Phase loss. Voltage dips and interruptions, Frequency disturbances, DC injection, Harmonically enriched waveforms, Testing against Inter harmonics susceptibility 14. Standards Compliance EN 61010, EN 55011 • UL 3111 • EN 50082-2 • EN 61000-4-3, EN 61000-4-4 • CE Mark 15. Measurements The system should also be capable of measurements such as Vrms, Irms, Peak current, frequency, Power, harmonics measurements etc... 16. Upgradeability AC Source should be modular in nature with easy upgradeability in future for higher capacity by just adding additional modules. 17. Installation and commissioning Supplier must install and commission the system. Supplier must provide the user manuals, reference manuals for using the system. 18. Training Adequate training for a minimum period of 02 days. 19. Additional information(i) The bidder should be manufacturer or its authorized dealer. (ii) The bidder/manufacturer should have service center in India. (iii) The bidder/manufacturer should have supplied at least one such system or its component to Institutes of high repute such as IITs/NITs/R&D labs etc. 20. Warranty: ONE (01) Year

FORMAT FOR QUOTATION SUBMISSION
(In letterhead of the supplier with seal)

Date: _____

To:

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

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (Amount in figures) (Rupees _____ amount in words) within the period specified in the Invitation for Quotations.

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: _____