

**MAULANA AZAD**  
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**INVITATION FOR QUOTATIONS FOR SUPPLY OF LAB EOIPMENT**

Enquiry No: MANIT/SP/ENQ/ENERGY/...

Date: 26/07/2017

**Due Date: 18/08/2017**

**Time : 3.00 P.M**

To

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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sir,

**Sub : INVITATION FOR QUOTATIONS FOR SUPPLY OF VIV POWER GENERATOR**

1. You are invited to submit your most competitive quotation for the following goods:-

S. No	Brief Description of the Goods	Specifications & drawing	Qty	Delivery Period	Place of Delivery
.	<b>VIV POWER GENERATOR</b>	Enclosed	01 package	60 days	ENERGY CENTER, MANIT, Bhopal

Listed items are required for research project and shall be used together as per the research requirements. Therefore all the items are to be quoted and shall be finalized on package basis. This is to avoid any mismatch between different parts of the project. Interested parties who can supply & install all the items together need only submit their offers. Individual items shall not be considered while preparing comparative and finalize order. Parties need to quote only one single package price for the listed items.

**Total Pages including this page...4 nos**

**2. Bid Price**

- a) The Quotation should be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price. Price should be quoted for net FOB, MANIT, Bhopal. However the Excise/Custum Duties, sales Tax and other incidental charges must be mentioned separately. (In the Format Enclosed). There should not be any hidden cost.
- c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be **subject to adjustment on any account.**
- d) Technical Compliance Statement must be submitted with the offer.
- e) The bidder should have valid TIN No and proof to be enclosed along with the offer

**3. Each bidder shall submit one quotation for the item in an envelop mentioning the Enquiry No & Due Date, otherwise bid will not be considered for opening.**

**4. Validity of Quotation**

Quotation shall remain valid for a period not less than 90 days after the deadline date specified for submission.

**5. Eligibility criteria required for Vendor/Supplier/Manufacturer**

The following points to be considered for the Qualification /Eligibility Criteria of the Vendors

- i.) The compliance certificate must be submitted for the specification asked in this tender and any deviation from the required specification must be specified.
- ii.) The dealer should have a minimum turnover of Rs. 50 Lacs in last year. C.A. certificate in this regard is to be submitted.
- iii.) The Dealer should have valid GST NO.  
Detailed Client list with address (preferably in reputed Institute/Organization) must be enclosed.

**6. Evaluation of Quotations**

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) are properly signed ;
- (b) confirm to the eligibility criteria of the vendor; and
- (c) confirm to the terms and conditions, and technical specifications.

**7. Award of contract**

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially technically and financially responsive and who has offered the lowest evaluated quotation price. The quantity floated for the items may vary during the award of contract. In this case the complete package of listed item shall be considered.

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.

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.

Payment shall be made within 30 days of installation & acceptance of the Goods/Items.

8. The goods/Items should be warranted/ guaranteed for minimum One Year and a performance Bank Guarantee 10% of the basic value is required for the warranty period.
9. The tenderer should avoid the use of vague term such as “Extra as applicable”. Such offers shall be treated as non responsive.
10. The Institute reserves the right to accept /reject all or any offer without assigning any reason thereof.
11. In all matters of dispute the decision of the Director, MANIT Bhopal shall be final and binding on the tenderers.
12. Jurisdiction to Courts of Bhopal only.
13. You are requested to provide/submit your offer latest by 18<sup>th</sup> Aug **2017 3.00 PM at Central Store and Purchase MANIT Bhopal,**
14. The envelope of quotation shall be super scribe as **“Quotation No and Item quoted” with the Due date”**
15. We look forward to receiving your quotations and thank you for your interest in this project.  
Yours faithfully

**For Director**  
Maulana Azad National Institute of Technology, Bhopal

## **PROJECT REQUIREMENT:**

Listed items are required for one research project and shall be used together as per the research requirements. Therefore all those are to be quoted and shall be finalized on package basis this is to avoid any mismatch between different parts of the project. Interested parties who can supply & install all the items together need only submitted their offers individual items shall not be considered while preparing comparative and finalize order. Parties need to quote only one single package price for the listed items.

### **PROJECT NAME: VORTEX INDUCED VIBRATION WIND POWER GENERATION**

<b>S.N.</b>	<b>Item Specifications</b>	<b>Qty</b>	<b>Project Cost</b>
<b>1</b>	Wind Linear Electric Generator Rating: 500W Suitable to generate electricity from rotating shaft attached With the vibrating cylinder	<b>1</b>	
<b>2</b>	Piezo Electric crystals (Plates) Approx Size: 20x15x1.4 mm, Freq: 1 MHz or better	<b>1 set</b>	
<b>3</b>	Inverter Rating : 500W Input : 12VDC, Output : 230VAC	<b>1</b>	
<b>4</b>	Lead Acid tubular battery Rating: 12V, 200AH	<b>2</b>	
<b>5</b>	VIV (Vertex Induced Vibration) cylinder casting spring loaded vibrating cylinder suitable to oscillate from incoming wind pressure .	<b>1</b>	
<b>6</b>	VIV modified cylinder casting specially Designed stepped cylindrical spring Loaded vibrating cylinder	<b>1</b>	
<b>7</b>	VIV conical cylinder casting spring loaded Vibrating cylinder suitable to oscillate from Incoming wind pressure.	<b>1</b>	
<b>8</b>	VIV modified conical cylinder casting Specially designed dual conical cylinder Spring loaded vibrating cylinder.	<b>1</b>	
<b>9</b>	Accessories: Required for installing & Commissioning of the above setup like Wires, Cables, Connectors, Lugs, Switches etc	<b>LS</b>	
<b>10</b>	Variable speed wind tunnel: Open circuit Wind Tunnel to provide controlled air flow, provided with a fan at downstream of working section. Two transparent windows provided for visual observation. Test Section: 200 mm x 200 mm x 1000 mm Motor: Variable speed 3 HP AC motor with Blower Fan, Length of Tunnel:Approx 5 meter. Air Velocity :upto 12 m /s. The equipment is supplied with all standard accessories to make the unit self sufficient.	<b>1</b>	