



**NATIONAL INSTITUTE OF ELECTRONICS**  
**Ministry of Science & Technology**  
Government of Pakistan  
17, H-9, Islamabad



Tel: 051-9265009-13 (Ext:217)

Fax: 051-9265027

**TENDER NO. 11/ 2017-NIE**

**DC VOLTAGE SOURCE, AC POWER SUPPLY, ISOLATION TRANSFORMER AND  
CERTIFICATION & TESTING EQUIPMENT FOR CQTC-EP LAB**

S.#	Description	Qty	Unit Price	Total Price
1.	<b>DC Voltage Source with standard accessories and following specifications:</b>  <b>Make: Any Reputable Firm</b>  <b>Specifications:</b> <ul style="list-style-type: none"><li>❖ Input Operating Voltage: 220-240 Volts.</li><li>❖ Capable to provide minimum 50V, 20 A</li><li>❖ Single Channel <b>OR</b> Double Channel</li></ul>	<b>01 No.</b>		
2.	<b>AC Power Supply with standard accessories and following specifications:</b>  <b>Make: Any Reputable Firm</b>  <b>Specifications:</b> <ul style="list-style-type: none"><li>❖ Input Operating Voltage 220-240 Volts</li><li>❖ Capable to provide minimum 0-150V @ 21A or Equivalent or above</li><li>❖ Output Power Voltage: Minimum 5000 Walt <b>OR</b> Equivalent <b>OR</b> above.</li></ul>	<b>01 No.</b>		
3.	<b>Isolation Transformer with standard accessories and following specifications with complete installation &amp; commissioning at NIE Lab:</b>  <b>Make: Any Reputable Firm</b>  <b>Specifications:</b> <ul style="list-style-type: none"><li>❖ Input Operating Voltage: 220-240 Volts</li><li>❖ Minimum Capacity is 2.5 kw <b>OR</b> above</li></ul>	<b>01 No.</b>		
4.	<b>Vibration Testing Chamber with standard accessories and following specifications:</b>  <b>Make: Giant Force OR any Renowned Manufacturer of Environmental Testing Equipment</b>	<b>01 No.</b>		

	<p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>❖ Installation &amp; Commissioning with necessary operational training</li> <li>❖ For Compliance / conformance test with essential auxiliary accessories i.e. Fixtures, Software and Manual etc.</li> <li>❖ Input Voltage: 220 Volts or Equivalent</li> <li>❖ Operating Frequency: 50 Hz</li> <li>❖ Frequency: 5-100Hz OR Equivalent OR above.</li> <li>❖ Accuracy: + (-) 0.25Hz OR Equivalent OR above.</li> <li>❖ Acceleration Range: 0-11G OR Equivalent OR above.</li> <li>❖ Max Loading: 200Kg OR Equivalent OR above.</li> <li>❖ Test Mode: Fixed Test OR Equivalent</li> <li>❖ Sweep Test and Multi Random Test OR Equivalent OR above.</li> <li>❖ Display: 11" OR Above</li> <li>❖ ISO/IEC 17025 Calibration Certification with validity of 1 year (At least).</li> <li>❖</li> </ul>			
5.	<p><b>Motor Testing Facility in accordance with ISO 60034-1 Standard with standard accessories and following specifications:</b></p> <p><b>Make: Any Renowned Manufacturer (China, Japan, Switzerland OR German)</b></p> <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>❖ Input Operating Voltage: 220-240 Volts</li> <li>❖ Capable to test single &amp; three phase motors.</li> <li>❖ Capable to test motor up to 10kw OR above OR equivalent.</li> <li>❖ At least can perform the following tests in accordance with IEC 60034-1 &amp; 2 standards or any other additional tests, preferably one unit for all tests:</li> </ul> <p><b><u>Supported Tests:</u></b>  Torque, Speed, Current, Load Test, No Load Test, Power Factor, Efficiency, Frequency, Direction of Rotation, Vibration Spectrum, Speed and Torque Oscillation, Friction Torque, Cogging Level, Back Lash etc.</p> <ul style="list-style-type: none"> <li>❖ Necessary Operational Training locally/ abroad</li> </ul>	01 No.		

	<ul style="list-style-type: none"> <li>❖ Any additional Test Feature will highly be preferred.</li> <li>❖ Calibration Certification Validity: 1 year (At least).</li> </ul>			
6.	<p><b>Tool Kit with following Major Tools:-</b></p> <p><b>Make: Local/ Branded/ Any Reputable Firm</b></p> <p><b><u>TOOLS:</u></b></p> <ul style="list-style-type: none"> <li>❖ Hammer, Nose Pliers, Pliers, L.n. Key Set, Flat Screw Set, Round Screw Set, Key Set, Taped Wrenched, Scissor, Wire Cutter, Funner, Small Sheet Cutter, Tester, Soldering Iron, Earth Tester, Crimping Tool, Measuring Tape, Pipe Wrench, Glass Cutter, Star Set, Paper Cutter, Grip Pliers, Soldering Sucker, Gotti Set, First Aid Kit or Any Other relevant items.</li> </ul>	01 No.		



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**TERM & CONDITIONS**

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**TENDER NO. 11/2017-NIE**

1. Price to be quoted in Pak Rupees on (FOR) free home delivery basis.
2. The scope of supplies includes supply of equipment and if necessary installation, testing and commissioning of equipment and training of NIE Personnel's.
3. The bid must be supported with necessary catalogue/ brochure indicating make, model detailed specification and country of origin of the offered equipment.
4. The bid should reflect at sight the following costs separately for fair comparison purpose.
  - i. Unit Price of equipment.
  - ii. GST, if applicable.
5. Conditional/ ambiguous bids will not be entertained.
6. Earnest money @ 2% of quoted prices (Refundable) must accompany the tender in shape of a crossed bank draft/ pay order in favour of the Director General NIE. E/M of the successful bidder will be refunded after satisfactory completion of supply order.
7. The bids of the firm operating from their residential address and P.O. Box number will not be considered.
8. Tender number must be specified on the left corner of the tender envelope.
9. The rates should be valid for at least "90" days from the tender opening date.
10. The offered equipment/ items must be brand new of the original manufacturer and covered under normal warranty/guarantee with necessary back-up support.
11. The estimated delivery/ completion period of supplies/ work must be specified in the quotation.

12. In case of late delivery/ completion in supplies/ work, a penalty @ 2% per month of the total order value will be charged from the successful bidder without any notice.
13. The bid found to be lowest evaluated bid shall be accepted on the basis of cost comparison, tender specifications and fulfilling the requirement of the end-user.
14. Tender of all works may be awarded either to a single party or can be divided among different parties depending upon their professional capabilities and competitiveness in prices individually.
15. The earnest money of the rejected firms shall be returned in due course of time.
16. Quantity of the order items can be increased or decreased.
17. NIE. If required may ask the successful bidder to provide 5% Bank Guarantee for satisfactory execution of the supply order.
- 18. No advance payment will be made.**
19. NTN and GST number must be mentioned on the quotation along with providing copy of its documentary evidence, failing which bid will not be considered.
20. Payment will be made on submission of the prescribed bill in duplicate by establishing an irrecoverable Inland L/C after satisfactory completion of supply order and our acceptance thereof, which includes installation, testing, commissioning of the equipment and training etc. The bill presented on the letterhead of the firm will not be accepted for payment purpose.
21. As per Government Policy payment to the firm is subject to the registration of firm name in **Active Tax Payer List of FBR**, otherwise payment will be stopped till the appearance of vendor name in ATL of FBR.
22. Income Tax/ Sales Tax etc. will be deducted from bill as per Govt. Rules.
23. Last date for receipt of the tender in the Procurement Section of NIE is **June 09, 2017 up to 11:00 hours**. Tenders will be opened on the same day at **11:30 hours** in the presence of those who wish to be present. Tenders received late will not be considered in any case.
24. The Director General NIE reserves the right to accept or reject any or all tenders in part or whole, or change the quantity of tendered items as per provision of PPRA Rules.

**M. Faisal Paracha**  
**Dy. Director Procurement**  
**NIE, Islamabad**  
**Ph: 051-9265009 (Ext: 111)**