



**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. 07/2017-NIE**

**MISC. EQUIPMENT, COMPONENTS & ACCESSORIES FOR COMMUNICATION LAB**

| S.# | Description  | Qty    | Unit Price | Total price |
|-----|--|--------|------------|-------------|
| 1.  | <b>High Resolution Camera having Composite video PAL Output with standard accessories and following specifications:</b><br><br><b>Make: Imported</b><br><br><b><u>Specifications:</u></b> <ul style="list-style-type: none"><li>• Video Format: PALB</li><li>• Video Output Level (Peak to Peak)</li></ul> | 01 No. |            |             |
| 2.  | <b>4 Inches LCD with standard accessories and following specifications:</b><br><br><b>Make: Imported</b><br><br><b><u>Specifications:</u></b> <ul style="list-style-type: none"><li>• Format: PAL B</li><li>• Video I/P Level: I Volt P-P</li></ul>  | 01 No. |            |             |
| 3.  | <b>Video Transmitter with standard accessories and following specifications:</b><br><br><b>Make: Imported</b><br><br><b><u>Specifications:</u></b> <ul style="list-style-type: none"><li>• 5.8 GHz Range up to 250 Meters</li></ul>  | 01 No. |            |             |
| 4.  | <b>High Gain Monopole Antenna with standard accessories and following specifications:</b><br><br><b>Make: Imported</b><br><br><b><u>Specifications:</u></b> <ul style="list-style-type: none"><li>• 5.8 GHz</li><li>• Gain 3dBi</li></ul>  | 01 No. |            |             |
| 5.  | <b>Rechargeable Battery Power Pack 12V,3Amp</b><br><br><b>Make: Imported</b>   | 01 No. |            |             |
| 6.  | <b>Battery Charger with following specifications:</b><br><br><b>Make: Imported</b>   | 01 No. |            |             |

|     |   |        |  |  |
|-----|---|--------|--|--|
|     | <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>• Input: 220V AC</li> <li>• Output: 12V DC, 1 Amp</li> </ul>  |        |  |  |
| 7.  | <p><b>Portable 4 Channel Quad Video Receiver with standard accessories and following specifications:</b></p> <p><b>Make: Imported</b></p> <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>• 4 Channel Quad</li> <li>• Video Receiver</li> <li>• Water Proof Casing simultaneously receive and display four videos on 7" LCD screen.</li> <li>• Complete with digital video recorder + memory card + antenna's battery power pack + battery charger</li> </ul> | 01 No. |  |  |
| 8.  | <p><b>Video Transmitter Relay with standard accessories and following specifications</b></p> <p><b>Make: Imported</b></p> <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>• Range: L Band (15-20Km)</li> </ul>  | 01 No. |  |  |
| 9.  | <p><b>High Gain Yagni Antenna for Tx with standard accessories and following specifications:</b></p> <p><b>Make: Imported</b></p> <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>• L Band</li> </ul>   | 01 No. |  |  |
| 10. | <p><b>Ground Plane Antenna for Tx with standard accessories and following specifications:</b></p> <p><b>Make: Imported</b></p> <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>• L Band</li> </ul>  | 01 No. |  |  |
| 11. | <p><b>Power Supply for TX with standard accessories and following specifications</b></p> <p><b>Make: Imported</b></p> <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>• Input: AC 220V</li> <li>• Output: DC 12V , 10 Amp</li> </ul>  | 01 No. |  |  |
| 12. | <p><b>Antenna Feed Cable RG-213 for TX with standard accessories and following specifications:</b></p>  | 01 No. |  |  |

|     |   |                |  |  |
|-----|---|----------------|--|--|
|     | <p><b>Make: Imported</b></p> <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>• <b>N to N Male Connectors 6 Meter Length</b></li> </ul>  |                |  |  |
| 13. | <p><b>Video Receiver with 7" LCD with Monitor Casing</b></p> <p><b>Make: Imported</b></p>   | <b>01 No.</b>  |  |  |
| 14. | <p><b>High Gain Yagni Antenna for RX with standard accessories and following specifications:</b></p> <p><b>Make: Imported</b></p> <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>• <b>L Band</b></li> </ul>                                  | <b>01 No.</b>  |  |  |
| 15. | <p><b>Ground Plane Antenna for RX with standard accessories and following specifications:</b></p> <p><b>Make: Imported</b></p> <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>• <b>L Band</b></li> </ul>                                     | <b>01 No.</b>  |  |  |
| 16. | <p><b>Antenna Feed Cable RG-213 for RX with standard accessories and following specifications:</b></p> <p><b>Make: Imported</b></p> <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>• <b>N to N Male Connectors 6 Meter Length</b></li> </ul> | <b>01 No.</b>  |  |  |
| 17. | <p><b>Battery Pack 12V,3Amp</b></p> <p><b>Make: Imported</b></p>  | <b>01 No.</b>  |  |  |
| 18. | <p><b>Power Supply with following specifications:</b></p> <p><b>Make: Imported</b></p> <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>• <b>Input: AC 220V</b></li> <li>• <b>Output: DC 12V, 2 Amp</b></li> </ul>                             | <b>01 No.</b>  |  |  |
| 19. | <p><b>Video RCA Cable (M to M)</b></p> <p><b>Make: Imported</b></p>   | <b>06 Nos.</b> |  |  |
| 20. | <p><b>Camera stand for Antenna Mounting</b></p> <p><b>Make: Imported</b></p>  | <b>06 Nos.</b> |  |  |



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**TERM & CONDITIONS**

**MISC. EQUIPMENT, COMPONENTS & ACCESSORIES FOR COMMUNICATION LAB**

**TENDER NO. 07/2017-NIE**

1. Price to be quoted in Pak Rupees on (FOR) free home delivery basis.
2. The bid should be submitted on proper letterhead of the firm; otherwise NIE's tender documents must be duly signed and stamped by the authorized authority of the participated firm.
3. The scope of supplies includes supply of equipment, installation, testing and commissioning of equipment and training of NIE Personnel's.
4. The bid must be supported with necessary catalogue/ brochure indicating make, model detailed specification and country of origin of the offered equipment.
5. The bid should reflect at sight the following costs separately for fair comparison purpose.
  - i. Unit Price of equipment.
  - ii. GST, if applicable.
6. Conditional/ ambiguous bids will not be entertained.
7. 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.
8. The bids of the firm operating from their residential address and P.O. Box number will not be considered.
9. Tender number must be specified on the left corner of the tender envelope.
10. The rates should be valid for at least "90" days from the tender opening date.
11. The offered equipment/ items must be brand new of the original manufacturer and covered under normal warranty/guarantee with necessary back-up support.

12. The estimated delivery/ completion period of supplies/ work must be specified in the quotation.
13. 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.
14. 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.
15. 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.
16. The earnest money of the rejected firms shall be returned in due course of time.
17. Quantity of the order items can be increased or decreased.
18. NIE. If required may ask the successful bidder to provide 5% Bank Guarantee for satisfactory execution of the supply order.
- 19. No advance payment will be made.**
20. 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.
21. Payment will be made on submission of the prescribed bill in duplicate through crossed cheque **OR** irrecoverable letter of credit (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.
22. 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.
23. Income Tax/ Sales Tax etc. will be deducted from bill as per Govt. Rules.
24. Last date for receipt of the tender in the Procurement Section of NIE is **May 22, 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.
25. 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)**