



**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. 03/2018-NIE**

**INTEGRATED OBD2 FLEET MANAGEMENT MODULE AND DATA LOGGER, LONG RANGE ROUTER PROGRAMMABLE KEYS IP BASED PTZ CAMERAS LAPTOP, NETWORKING PRINTER, SMART LED FOR REMOTE VIEWING, ARDUINO UNO MICROCONTROLLER UPS WITH BATTERIES AND GOOGLECLIPS FOR INSIDE VEHICLE VIEWING – AUTOMOTIVE LAB**

<b>S #</b>	<b>Names of Items</b>	<b>Qty</b>	<b>Unit Price</b>	<b>Total Price</b>
1	<b>Integrated OBD2 Fleet Management Module and Data Logger with standard accessories and following specifications</b>  <b>Make: Teltonika OR Equivalent</b>  <b>Specifications:</b> - Quad-band 900/1800 MHz, 850/1900MHz - GPRS Class-12 (Up to 240 kpbs) - SMS (Text/data) -Mirco-SIM Format	10 Nos.		
2	<b>Long Range Router with standard accessories and following specifications</b>  <b>Make: CISCO OR Equivalent</b>  <b>Specifications:</b> - WRVS4400N, Wireless-N Gigabit	02 Nos.		
3	<b>Arduino UNO Microcontroller with standard accessories and following specifications</b>  <b>Make: Any Reputable Firm</b>  <b>Specifications:</b> - Input Voltage (Limit) 6-20V - Digital I/O Pins 14 (of which 6 provide PWM output) - DC current for 3.3V Pin 50 mA - Flash Memory 32 KB (AT Mega328p) of which 0.5 KB used by boot loader.	04 Nos.		
4	<b>Programmable keys with standard accessories and following specifications:</b>  <b>Make: Toyota/ Honda</b> <b>Specifications:</b> - RFID based Immobilizer keys	05 Nos.		

5	<p><b>IP based PTZ Cameras with standard accessories and following specifications</b></p> <p><b>Make: D Link OR Equivalent</b></p> <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>- HDTV Resolution</li> <li>- Digital Zoom</li> <li>- Mech.Pan/Tilt</li> <li>- Built-in Microphone</li> <li>- Audio Detection</li> <li>- Power Over Ethernet</li> <li>- IP rating</li> <li>- Vandal Resistant</li> <li>- Optical Zoom</li> </ul>	03 Nos.		
6	<p><b>Laptop (Notebook) with standard accessories and following specifications</b></p> <p><b>Make: HP OR Equivalent</b></p> <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>- Envoy 15 OR Equivalent</li> </ul>	01 No.		
7	<p><b>Network Printer with standard accessories and following specifications</b></p> <p><b>Make: HP OR Equivalent</b></p> <p><b><u>Specifications</u></b></p> <ul style="list-style-type: none"> <li>- B/W up to speed of 35 ppm</li> </ul>	01 No.		
8	<p><b>Smart LED for Remote viewing with standard accessories and following specifications</b></p> <p><b>Make: Any Reputable firm</b></p> <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>- 42 inches</li> <li>- Android based with Wi-Fi connectivity</li> </ul>	01 No.		
9	<p><b>UPS with Dry Batteries with standard accessories and following specifications</b></p> <p><b>Make: Any Reputable Firm</b></p> <p><b><u>Specifications:</u></b></p> <ul style="list-style-type: none"> <li>- 2000VA</li> </ul>	01 No.		
10	<p><b>Google clips for inside vehicle viewing with standard accessories</b></p> <p><b>Make: Any Reputable Firm</b></p>	01 No.		



**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. 03/2018-NIE**

**INTEGRATED OBD2 FLEET MANAGEMENT MODULE AND DATA LOGGER, LONG RANGE ROUTER PROGRAMMABLE KEYS IP BASED PTZ CAMERAS LAPTOP, NETWORKING PRINTER, SMART LED FOR REMOTE VIEWING, ARDUINO UNO MICROCONTROLLER UPS WITH BATTERIES AND GOOGLECLIPS FOR INSIDE VEHICLE VIEWING – AUTOMOTIVE LAB**

**TERM & CONDITIONS:**

1. Price to be quoted in Pak Rupees on (FOR) free home delivery basis.
2. As the equipment/ items to be procured are based on high tech technology therefore for competitive bidding single stage-two envelopes bidding procedure shall be adopted.
  - (i). the bid shall be comprised a single package containing two separate envelopes, containing separately **“TECHNICAL PROPOSAL”** and **“FINANCIAL PROPOSAL”**.
  - (ii). the envelope shall be marked as **“TECHNICAL PROPOSAL”** and **“FINANCIAL PROPOSAL”** in the bold and legible letters to avoid any confusion.
  - (iii). initially the envelope marked with **“TECHNICAL PROPOSAL”** shall be opened.
  - (iv). the envelope marked with **“FINANCIAL PROPOSAL”** shall be retained in the custody of NIE without being opened.
  - (v). upon evaluation of technical proposals, NIE shall publically open the financial proposal of the technically accepted bids only. The financial proposal of the bids found technically rejected shall be returned un-opened to the respective firms.
3. The bids of the firm operating from their residential address and P.O. Box number will not be considered.
4. Tender number must be specified on the left corner of the bidding envelope.
5. The rates should be valid for at least **“90”** days from the date of tender opening.
6. The offered equipment/ items must be brand new of the original manufacturer and covered under normal warranty/guarantee with necessary back-up support.
7. The bid must be supported with necessary catalogue/ brochure indicating make, model detailed specification and country of origin of the offered equipment.

8. The scope of supplies includes supply of equipment, installation, testing and commissioning of equipment and if necessary training to NIE Personnel's.
9. The financial bid should reflect at sight the following costs separately for fair comparison purpose.
  - i. Unit Price of equipment.
  - ii. GST, if applicable.
10. Conditional/ ambiguous bids will not be entertained.
11. Earnest money @ 2% of quoted prices (Refundable) must be accompanied with tender in shape of a crossed bank draft/ pay order in favour of the Director General NIE.
12. E/M of the successful bidder will be refunded upon submission of prescribe performance/ bank guarantee to NIE and the same shall be released after satisfactory completion of warranty/ guarantee period of the supplied goods.
13. The successful bidder shall provide 5% performance/ bank Guarantee of the total order value of the order to NIE for satisfactory execution of the supply order.
14. The bid found to be lowest evaluated bid shall be accepted only either overall whole tender/items base or each item wise.
15. The estimated delivery/ completion period of supplies/ work must be specified in the quotation.
16. In case of any delay in supplies of ordered items, the successful bidder shall bound to inform NIE to prior to "15" days of the ending of last date of delivery, so that necessary approval regarding extension in delivery period may be obtained from Director General NIE otherwise at the time of payment to firm a penalty @ 2% per month of the total order value will be charged from the successful bidder without any notice.
17. Tender of all items 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.
- 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 through crossed cheque 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 **March 08, 2018 up to 11:00 hours**. Technical proposals of the received firms shall 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.

**Inam Ullah Khan**  
**Dy. Director Procurement**  
**NIE, Islamabad**  
**Ph: 051-9265009 (Ext: 111)**