



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



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(TENDER NO. 13/2017-NIE)

SMD REWORK STATION & IN CIRCUIT TESTING MACHINE FOR
SMT PRODUCTION LINE LAB

S.#	Description	Qty	Unit Price	Total Price
1.	<p>SMD Rework station with standard accessories and following specifications:</p> <p>Make: European/ USA/ Korean</p> <p>Specifications:</p> <ul style="list-style-type: none">❖ Technology: IR or Reflow❖ Semi-Automatic❖ Support for BGAs, ICs (TSSOP, QFN and QFP) and wide range of SMD components. <p>(i) Spring PCB Finger Long Spring PCB Finger Short, Thermocouple 40 Gauge, O-Ring Kit, Vacuum Pickup Nozzle: 12mm Reflow Head, Vacuum Pick-Up Nozzle: 8mm Reflow Head. Vacuum Pick-Up Nozzle: 5mm Reflow Head, Vacuum Pick-Up Nozzle: 1mm Reflow Head, Nozzle Removal Pad, CSP Adjustable V Block, BGA Adjustable V Block, Pre-Cut Kapton Tape, Optical Verification Kit.</p> <p>(ii) Reflow Nozzle (49mm x 49mm), Reflow Nozzle (40mm x 40mm), Reflow Nozzle (35mm x 35mm), Reflow Nozzle (27mm x 27mm), Reflow Nozzle (23mm x 23mm), Reflow Nozzle (18mm x 18mm), Reflow Nozzle (13mm x 13mm), Reflow Nozzle (10mm x 10mm), Reflow Nozzle (6mm x 6mm), Reflow Nozzle (8mm x 9.5mm)</p> <p>(iii) Side View Camera</p>	01 No.		
2.	<p>In Circuit Machine for SMT Line with standard accessories and following specifications:</p>	01 No.		

	<p>Make: European Union/ USA/ Korea</p> <p><u>Specifications:</u></p> <ul style="list-style-type: none"> ❖ The machine is required for automated handling environment ❖ Compliance with SMEMA Electrical Testing. ❖ Flying Probe or other ❖ Shorts testing ❖ Analog power-off testing ❖ Power supply switching ❖ power-on testing ❖ Test compatibility for whole range of SMD components involving Capacitance, inductance and resistance tests. ❖ Preferably Test Jet Technology ❖ Top and bottom probing fixture system ❖ 2000 Test Point Capability ❖ Bed-of-Nails Test Fixtures ❖ Can handle circuit boards up to 400mm by 300mm (15.7 inches wide and 11.8 inches deep). ❖ SMEMA- compatible conveyor ❖ Fully Integrated Test System Software Environment ❖ Offline Test Development Station option <p><u>Requirement for Applications:</u></p> <ul style="list-style-type: none"> ❖ Loaded Circuit Assemblies ❖ Through-Hole and SMT Assemblies ❖ Single and Double-Sided Assemblies ❖ Individual or Panelized Printed Circuit Boards (PCBs) ❖ Multi Writer In-System Programming (ISP) 			
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TERM & CONDITIONS
SMD REWORK STATION & IN CIRCUIT TESTING MACHINE FOR
SMT PRODUCTION LINE LAB

TENDER NO. 13/2017-NIE

1. Price to be quoted in US \$ on FOB Basis on the Performa invoice of Principal Manufacturer Abroad.
2. It will be sole responsibility of the supplier to obtain Export License for quoted items. No excuse will be considered, once order is placed.
3. The equipment should be quoted with necessary options (with cost if so applies) to make it complete functional.
4. The scope of supplies includes supply of Software/items, installation, testing and commissioning of Software/items.
5. The bid must be supported with necessary catalogue/ brochure indicating make, model detailed specification and country of origin of the offered equipment.
6. The supplier may quote additional options to select from it, if NIE so wish.
7. No upward revision of prices will be admissible on any ground, once order is placed.
8. Origin of the equipment quoted must be traceable from the manufacturer.
9. The supplier will provide maintenance/ operational manuals (both soft and hard copies) of the quoted equipment.
10. The bid should reflect at sight the following costs separately for fair comparison purpose.
 - i. Unit Price of items.
 - ii. GST, if applicable.
11. Conditional/ ambiguous bids will not be entertained. The scope of supplies includes supply of equipment, installation, testing and commissioning of equipment and training of NIE Personnel's.

12. 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.
13. The 2% E/M of the successful bidder will be refunded after satisfactory completion of supply order.
14. In case order value is or more than 10 Million then successful bidder will have to be provided 5% bank guarantee of the total order value, which will be released to the firm, after satisfactory completion of the supply order and our acceptance thereof. Upon receiving of 5% bank guarantee their 2% earnest money will be released.
15. The bids of the firm operating from their residential address and P.O. Box number will not be considered.
16. Tender number must be specified on the left corner of the tender envelope.
17. The rates should be valid for at least "120" days from the tender opening date.
18. The offered equipment/ items must be brand new of the original manufacturer and covered under normal warranty/guarantee with necessary back-up support.
19. The estimated delivery/ completion period of supplies/ work must be specified in the quotation.
20. Extension in delivery period is not allowed. However only one extension can be granted with prior approval of the Project Director (BMR).
21. 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.
22. 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 Project requirement.
23. 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.
24. The earnest money of the rejected firms shall be returned in writing in due course of time.
25. Quantity of the order items can be increased or decreased.
- 26. No advance payment will be made.**
27. 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.

28. The payment will be made through irrecoverable letter of credit as per prevailing procedure.
29. 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.
30. Last date for receipt of the tender in the office of the Procurement Section 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.
31. The Director General NIE / Project Director (BMR) reserves the right to accept or reject any or all tenders in part or whole, or changes the quantity of tendered items without assigning any reason.

M. Faisal Paracha
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