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|  | National University of Technology (NUTECH)IJP Road, Sector I-12Islamabad Telephone : 051-5476805106/SCM/NUTECH 27 January 2021 |

To: M/s

Subject: Request for Quotation**: - Electrical Lab Equipment-2**

**Please provide quotation for following items. Quotes will be submitted in closed envelop and must reached to SCM Office latest by 02 February 2020 before 1100 hrs.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Ser** | **Item** | **Specifications** | **A/U** | **Country of Origin** | **Qty Req** | **Price/Unit** | **Total Price** |
|  | NE555  | 555 timer | No | Any | 100 |  |  |
|  | LS 74x76 | J-K Flip Flop | No | Any | 100 |  |  |
|  | LS 74x154 | 4-to-16 line decoder/ demultiplexer, inverting outputs | No | Any | 100 |  |  |
|  | LS 74x155  | Dual 2-to-4 line decoder/ demultiplexer, inverting outputs | No | Any | 100 |  |  |
|  |  LS 74x146 | 3-line to 8-line decoder | No | Any | 100 |  |  |
|  | LS 74x139  | Dual 2-to-4 line decoder/ demultiplexer, inverting outputs | No | Any | 100 |  |  |
|  |  LS 74x10 | Triple 3-input NAND gate | No | Any | 100 |  |  |
|  | LS 74x27  | Triple 3-input NOR gate | No | Any | 100 |  |  |
|  | LS 74x151 | 8-line to 1-line data selector/multiplexer | No | Any | 100 |  |  |
|  | LS 74x25 | Dual 4-input NOR gate | No | Any | 100 |  |  |
|  | LS74x42 | BCD to decimal decoder | No | Any | 100 |  |  |
|  | LS 74x77 | BCD to 7 segment display | No | Any | 100 |  |  |
|  | LS 74x48 | BCD to 7 segment display | No | Any | 100 |  |  |
|  | LS 74x86 | Quad 2-input XOR gate | No | Any | 100 |  |  |
|  | LS 74x147 | Encoder | No | Any | 100 |  |  |
|  | LS 74x74 | D Flip Flop | No | Any | 100 |  |  |
|  | LS 74x93 | 4-bit Binary Counter IC | No | Any | 100 |  |  |
|  | LS 74x90 | Decade Counter IC | No | Any | 100 |  |  |
|  | LS 74x160 | Decade Counter IC | No | Any | 100 |  |  |
|  | Crystal Oscillator | 1 MHz | No | Any | 100 |  |  |
|  | Crystal Oscillator | 2 MHz | No | Any | 100 |  |  |
|  | Crystal Oscillator | 4 MHz | No | Any | 100 |  |  |
|  | Crystal Oscillator | 8 MHz | No | Any | 100 |  |  |
|  | IC Tester | FeaturesTests most of the 6 to 40 pin ICs in DIP package as per give in Test LibraryAutomatic testing of variety of ICsPotential free 20 pin ZIF socket for testing analog ICs and 40 pin universal ZIF socket for testing digital ICs are provided16 character x2 line LCD dot matrix display and 16 keys keyboard | No | Any | 1 |  |  |
|  | LS 74x00 | Quad 2-input NAND gate | No | Any | 100 |  |  |
|  | LS 74x02 | Quad 2-input NOR gate | No | Any | 100 |  |  |
|  | LS 74x04 | Quad 2-input NOT gate | No | Any | 100 |  |  |
|  | LS 74x28 | Quad 2-input AND gate | No | Any | 100 |  |  |
|  | LS 74x32 | Quad 2-input OR gate | No | Any | 100 |  |  |
|  | 7401 | Quad 2-input NAND gate | No | Any | 100 |  |  |
|  | 7405 | Hex Inverter with Open Collector Output | No | Any | 100 |  |  |
|  | 7406 | Hex Inverter Buffer/Driver | No | Any | 100 |  |  |
|  | 7408 | Quad 2-input AND Gate | No | Any | 100 |  |  |
|  | 7409 | Quad 2-input AND Gate | No | Any | 100 |  |  |
|  | 7411 | Triple 3-input AND Gate | No | Any | 100 |  |  |
|  | 7414 | Hex Inverter Schmitt Trigger | No | Any | 100 |  |  |
|  | 7433 | Quad 2-Input OR Gate | No | Any | 100 |  |  |
|  | 7442 | BCD to Decimal Decoder | No | Any | 100 |  |  |
|  | 7447 | BCD to 7-Segment Decoders/Drivers | No | Any | 100 |  |  |
|  | 7448 | BCD to 7-segment Decoder/Driver | No | Any | 100 |  |  |
|  | 7451 | And-or-invert Gates | No | Any | 100 |  |  |
|  | Magnetic contactor  | Magnetic contactor 200ACoil supply 220v | No | Imported | 10 |  |  |
|  | Relay  | 240v ac Coil Non-Latching Relay DPDT5A Switching Current Plug | No | Imported | 10 |  |  |
|  | Replay  | 240vdc Coil Non-Latching Relay DPDT5A Switching Current Plug | No | Imported | 10 |  |  |
|  | Magger | Digital Magger 1000volt  | No | Imported | 2 |  |  |
|  | Crimping Plier Cutter | Crimping tool specially designed for use most non-insulated cable crimps 0.5mm² to 6.0mm².* Computer pins & socket: D-sub 26-28 AWG wire
* Insulated butt connectors: 22-26 AWG wire
* Telephone spade lugs: 22-26 AWG wire
* Non-insulated connectors: 14-22 AWG wire
 | No | Imported | 5 |  |  |
|  | Lugs punch hydraulic | Lugs punch hydraulic 25mm to 300mm | No | Imported | 5 |  |  |
|  | Thimble crimping tool | Thimble crimping tool for 1,1.5,2.5,4,6,8mm cables | No | Imported | 5 |  |  |
|  | Mechanical tool set  | A practical kit for motor fitting and complimentary set of most reach for hand toolsMachine-Grade CR40 Alloy Steel, 72 Teeth, 3/8" Drive Ratchet Handle10 x 1/4" Drive Sockets Metric - 4-4.5-5-5.5-6-6.5-7-8-9-10mm7 x 3/8" Drive Sockets Metric - 11-12-13-14-15-17-19mm2 x 3/8" Drive Spark Plug Sockets - 5/8"/16mm, 13/16"/19mm2 x 3/8" Extension Bars - 3"/76mm, 6"/152mm3/8" Universal Joint3/8" to 1/4" Adaptor3/8" Drive Sliding T-bar. | No | Imported | 2 |  |  |
|  | Torx set, Philips set  | Torx set, Philips set for special screws  | No | Imported | 5 |  |  |
|  | Selector switches | Selector switches For control circuit 1 way and 2 way  | No | Any | 10 Each |  |  |
|  | Component Boxes | Plastic Boxes for component storage Size (HxW) = (1′ 9″ x 9″) (Pictures attached in Annex-A)  | No | Any | 30 |  |  |
|  | Component Boxes | Small plastic boxes for component storage Size (HxW) = (1′ x 1′) (Pictures attached in Annex-B) | No | Any | 5 |  |  |
|  |  |  | **Net Total (Without Taxes)** |  |  |
|  |  |  | **Total Taxes** |  |  |
|  |  |  | **Gross Total inclusive of all taxes** |  |  |

1. Please provide unit price of each item, Total price per item, Total price of all items without all applicable taxes and total price with all taxes.
2. Please also mention date of quote, **NTN** and **STRN** number in your quotation.
3. Delivery period will be 5 days from the day of placing order.
4. Rates shall be quoted on free delivery basis at NUTECH Islamabad.
5. Please ensure delivery within stipulated time.
6. Quotes must reach in SCM Office 2nd Floor Admin Block NUTECH Islamabad latest

 by 02 Feb 2021.

7. The same RFQ may also be available on NUTECH Website i.e https://nutech.edu.pk/downloads/procurement/rfqs/

1. **LD will be imposed as per rules**.
2. **Quotes will be opened on 02 February 2021.**
3. 100% payment will be made after successful completion of the order.

Deputy Assistant Director

Supply Chain Management Office

**Annexure-A**



**Annexure-B**

