



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, भुवनेश्वर
(परमाणु उर्जा विभाग, भारत सरकार का एक स्वयं शासित संस्थान)
NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, BHUBANESWAR
(AN AUTONOMOUS INSTITUTE UNDER DEPT. OF ATOMIC ENERGY, GOVT. OF INDIA)

Notice Inviting E-Tender No.: C-000864-PHY-21-22

CONSUMABLES FOR ELECTRONIC WORKSHOP



**NATIONAL INSTITUTE OF SCIENCE EDUCATION & RESEARCH
JATNI CAMPUS, P.O. – BHIMPUR-PADANPUR, VIA-JATNI
KHURDA – 752050, ODISHA, INDIA**

Notice Inviting E-Tender

For

CONSUMABLES FOR ELECTRONIC WORKSHOP

E- Tenders are invited on behalf of the Director, National Institute of Science Education and Research, Jatni from the manufacturers (Indian or Foreign) and their authorised reseller/Indian agent only for supply & installation of the following items:-

| <i>Sl. No.</i> | <i>Name of the Items</i> | <i>Tender No.</i> | <i>Name of Department</i> | <i>Qty. No.</i> | <i>Tender Fee in INR</i> |
|----------------|---|---------------------------|---------------------------|----------------------|--------------------------|
| 1. | <i>CONSUMABLES FOR ELECTRONIC WORKSHOP</i> (As listed in the technical bid) | C-000864-PHY-21-22 | SPS | As per technical bid | NIL |

| <i>Sl. No.</i> | <i>Name of the Items</i> | <i>Tender No.</i> | <i>Name of Department</i> | <i>Qty. No.</i> | <i>EMD in INR</i> |
|----------------|---|---------------------------|---------------------------|----------------------|--|
| 1. | <i>CONSUMABLES FOR ELECTRONIC WORKSHOP</i> (As listed in the technical bid) | C-000864-PHY-21-22 | SPS | As per technical bid | NIL against Bid Security Declaration as attached |

NOTE: BIDDERS HAVE TO QUOTE FOR ALL THE ITEMS. PARTIAL OFFER WILL NOT BE CONSIDERED FOR FURTHER PROCESSING.

- **Tender Enquiry No** : C-000864-PHY-21-22
- **Last date of submission of E-bid** : 02/02/2022 up to 11.00 A.M
- **Opening of Technical Bid** : 04/02/2022 at 11.00 A.M

The details of general tender terms & conditions can be downloaded from <https://eprocure.gov.in> or Tender Free View Link from NISER Website <https://www.niser.ac.in/content/tender>.

FIC (Stores & Purchase)

Bid Security Declaration

(In Company's letterhead)

Invitation to Bid/Request for Expression of Interest No. [C-000864-PHY-21-22]

To

National Institute of Science Education & Research, Bhubaneswar

Post-Bhimpur-Padanpur,

Via- Jatni,

District- Khurda, India

PIN-752050.

I/We understand that, according to your NIT conditions, bids must be supported by a Bid Security. In lieu of the Bid Security, we submit the following undertaking:-

“I/We declare that we will be suspended/ disqualified for tendering with the entity for a period of 1 (One) year from the date of receipt of notice from you, if we withdraw or modify our bid during the validity period **OR** fail to sign the Contract **OR** fail to submit Performance Security (if applicable) before the defined deadline **OR** fail to execute contractual obligation within the stipulated time.”

Date: -

Place: -

Signature of the Bidder

(with Company seal)



**TECHNICAL BID
SUPPLY
OF
CONSUMABLES FOR ELECTRONIC WORKSHOP
FOR
NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, JATNI
Notice Inviting E-Tender No. C-000864-PHY-21-22**

| Vendor Name | | | | |
|-------------|---|----------|--|---------------------------------|
| SL. No. | Item Specification | Quantity | Accepted/Not Accepted (Kindly Mention) | Please specify if any deviation |
| 1 | RG213_Cable-RG213_Cable RG213 coaxial Cable A/U, Black Unterminated to Unterminated RG213/U Coaxial Cable, impedance 50 ohm, 10.3mm Outer diameter and length of 50m, | 1 Mtr | | |
| 2 | N series RF coax plug Impedance 50 ohm, gender male, contact material Brass, Body plating Nickel | 25 Nos. | | |
| 3 | FUSE_200mA 5X20 mm, slow | 20 Nos. | | |
| 4 | N-type flange mount- 50 ohm, gender: female, panel mount, body plating: Bronze, contact material: Beryllium copper, termination: solder, connector with screw-on mating, a square flange with 4 x 3.3mm dia holes and solder pot contact termination. a nickel plated body, gold plated centre contact and PTFE dielectric. | 15 Nos. | | |
| 5 | M2.5 mm screw Screw, cap, hexagon socket, steel, M2.5x12mm, box of 50, threaded type: metric | 1 No. | | |
| 6 | SMA female panelmount jack , gender: female, flange mount, body plating: gold, contact material: Beryllium copper, termination: solder, mating type: threaded | 10 Nos. | | |

| | | | | |
|----|---|--------|--|--|
| 7 | <p>Single Core 0.23mm diameter Copper Wire</p> <p>32AWG-0.23mm diameter enamelled copper wire, Cross-sectional area -0.03mmsquare, insulation material -PUR, Unshielded, core strands-1/0.2mm, wire style-EN60317/20, Operating temperature+155 degree Celcius, 1600 meter</p> | 1 Mtr | | |
| 8 | <p>Block Single Core 0.63mm diameter Copper Wire, 28m Long</p> <p>22AWG-0.63mm diameter enamelled copper wire, Cross-sectional area -0.33mmsquare, insulation material -PUR, Unshielded, core strands-1/0.63mm, wire style-EN60317/20, Operating temperature+155 degree Celcius, CUL100,length-140meter,</p> | 2 Nos. | | |
| 9 | <p>Single Core 0.1mm diameter Copper Wire, 1144m Long</p> <p>38AWG-0.1mm diameter enamelled copper wire, Cross-sectional area -0.007mmsquare, insulation material -PUR, Unshielded, core strands-1/0.1mm, Operating temperature+155 degree Celcius, CUL100,length-1144meter</p> | 1 No. | | |
| 10 | <p>Single Core 0.15mm diameter Copper Wire, 509m Long</p> <p>35AWG-0.15mm diameter enamelled copper wire, Cross-sectional area -0.17mmsquare, insulation material -PUR, Unshielded, core strands-1/0.15mm, Operating temperature+155 degree Celcius, CUL100,length-509 meter</p> | 2 Nos. | | |
| 11 | <p>Single Core 0.28mm diameter Copper Wire, 175m Long-</p> <p>29AWG-0.28mm diameter enamelled copper wire, Cross-sectional area -0.06mmsquare, insulation material -PUR, Unshielded, core strands-1/0.28mm, Operating temperature+155 degree Celcius, CUL100,length-175 meter</p> | 4 Nos. | | |
| 12 | <p>Single Core 1mm diameter Copper Wire, 56m Long</p> <p>18AWG-1mm diameter enamelled copper wire, Cross-sectional area -0.82mmsquare, insulation material -PUR, Unshielded, core strands-1/1.0mm, Operating temperature+155 degree Celcius, CUL500,length-56 meter</p> | 2 Nos. | | |

| | | | | |
|----|--|----------|--|--|
| 13 | <p>Single Core 2mm diameter Copper Wire, 14m Long</p> <p>2mm diameter enamelled copper wire, Cross-sectional area -3.3mmsquare, insulation material -PUR, Unshielded, core strands-1/2.0mm, Operating temperature-+155 degree Celcius, CUL500,length-14 meter</p> | 1 No. | | |
| 14 | <p>Single Core 0.75mm diameter Copper Wire, 20m Long</p> <p>21 AWG-0.75mm diameter enamelled copper wire, Cross-sectional area - 0.4mmsquare, insulation material -PUR, Unshielded, core strands-1/0.75mm, Operating temperature-+155 degree Celcius, CUL100,length-20 meter</p> | 4 Nos. | | |
| 15 | <p>Single Core 0.5mm diameter Copper Wire, 221m Long</p> <p>24 AWG-0.5mm diameter enamelled copper wire, Cross-sectional area -0.2mmsquare, insulation material -PUR, Unshielded, core strands-1/0.5mm, Operating temperature-+155 degree Celcius, CUL500,length-221 meter</p> | 2 Nos. | | |
| 16 | <p>SN7404N, Hex Inverter</p> <p>SN7404N, , Hex Inverter Brand: Texas Maximum Propagation Delay Time @ Maximum CL: 22 ns @ 5 V Number of Elements per Chip : 6 Pin Count : 14 Maximum low level output current: 16mA Minimum operating supply voltage: 4.75V Maximum operating supply voltage: 5.25V</p> | 200 Nos. | | |

Contact for information: (Only E-mail enquiries will be entertained)

For Technical Information:-

Dr. Santosh Babu Gunda

School of Physical Sciences

E-mail – santoshbabu@niser.ac.in

