



**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-001050-PHY-21-22***

***ELECTRONIC CONSUMABLES***



**NATIONAL INSTITUTE OF SCIENCE EDUCATION & RESEARCH**  
**JATNI CAMPUS, P.O. – BHIMPUR-PADANPUR, VIA-JATNI**  
**KHURDA – 752050, ODISHA, INDIA**  
**Notice Inviting E-Tender**  
**For**  
**ELECTRONIC CONSUMABLES**

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.	<b>ELECTRONIC CONSUMABLES</b> (As listed in the technical bid)	C-001050-PHY-21-22	SPS	As per technical bid	<b>NIL</b>

<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.	<b>ELECTRONIC CONSUMABLES</b> (As listed in the technical bid)	C-001050-PHY-21-22	SPS	As per technical bid	NIL against Bid Security Declaration as attached

**NOTE: Parties have to quote for all the items. Partial offers will not be considered for further processing.**

- **Tender Enquiry No** : **C-001050-PHY-21-22**
- **Last date of submission of E-bid** : **09/02/2022 up to 11.00 A.M**
- **Opening of Technical Bid** : **11/02/2022 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-001050-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  
ELECTRONIC CONSUMABLES  
FOR  
NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, JATNI  
Notice Inviting E-Tender No. C-001050-PHY-21-22**

Vendor Name				
SL. No.	Item Specification	Quantity (In Nos.)	Accepted/Not Accepted (Kindly Mention)	Please specify if any deviation
1	<b>CD74HC147E</b> CMOS Logic 10 to 4 Line Priority Encoder bradboard mount DIP package IC.	100 Nos.		
2	<b>IC_TL082CP/NPOB</b> Operational Amplifiers - Op Amps JFET Input Low Noise, Operational Amplifiers - Op Amps Wide Bandwidth Dual JFET Input Operational Amplifier, for bread board mount PDIP	100 Nos.		
3	<b>Serial Extension Cable</b> Product Category: D-Sub Cables Type: Extension Cable Connector End A: DB9 Connector End A Pin Count: 9 Position Connector End B: DB9 Connector End B Pin Count: 9 Position Gender: Male / Female Wire Gauge - AWG: 28 AWG Cable Length: 6 ft Jacket Colour: Brown (Beige) Packaging: Bulk Current Rating: 500 mA	02 Nos.		
4	<b>33ohm_Resistor</b> Product Category: Carbon Film Resistors - Through Hole Series: CF-RC Resistance: 18 Ohms Power Rating: 250 mW (1/4 W) Tolerance: 5 % with leads for bread board mount	1000 Nos.		

5	<p><b>18ohm_Resistor</b> Carbon Film Resistors - Through Hole Series: CF-RC Resistance: 18 Ohms Power Rating: 250 mW (1/4 W) with leads for breadbord mount Mount.</p>	200 Nos.		
6	<p><b>Aluminium-Box</b> Box Material: Aluminum Color: Gray Cover Colour: Gray Length: 4 in Width: 2.2 in Height: 4 in IP Rating: IP32 Series: 1411-1412 Depth: 2.2 in Features: Four Self-Tapping Screws Included Height - in: 2.2 Height - mm: 55.88 Housing Colour: Gray Length - in: 4 Length - mm: 101.6</p>	05 Nos.		
7	<p><b>RIBBON_CONNECTOR</b> Ribbon Cables / IDC Cables 40P 18" SKT - SKT 28AWG STRANDED PVC,Connector End A: Socket Connector End A Pin Count: 40 Position Connector End B: Socket Connector End B Pin Count: 40 Position Type: Flat Ribbon Wire Gauge - AWG: 28 AWG Cable Length: 18 in Voltage Rating: 30 V</p>	05 Nos.		
8	<p><b>40_Pin Male Connector</b> Board to Board &amp; Mezzanine Connectors MALE 40P 1.75MM Contact Plating:-Gold-Contact Material-Copper Alloy-Housing Material-Liquid Crystal Polymer (LCP)</p>	05 Nos.		
9	<p><b>40PIN_FEMALE CONNECTOR</b> Ribbon Cable Number of Positions: 40 Position Pitch: 2.54 mm Number of Rows: 2 Row Row Spacing: 2.54 mm Mounting Style: Cable Mount / Free Hanging Termination Style: IDC Mounting Angle: Straight Contact Gender: Socket (Female) Contact Plating: Gold Series: 891 Wire Gauge: 28 AWG to 26 AWG</p>	05 Nos.		
10	<p><b>BNC_CONNECTOR-1</b> RF Connectors / Coaxial Connectors BH Skt W/TAG Nickel 50Ohm,RF Series: BNC Gender: Jack (Socket) Impedance: 50 Ohms Maximum Frequency: 4 GHz Termination Style: Solder Orientation: Straight Polarity: Standard Mounting Style: Bulkhead Body Finish: Nickel</p>	20 Nos.		

	Body Material: Zinc Body Style: Bulkhead Brand: TE Connectivity Contact Material: Phosphor Bronze Contact Plating: Gold			
<b>11</b>	<b>PD_BPX65</b> OSRAM Opto Semiconductors, Photodiodes Silicon PIN Photodiode, Subcategory-Optical Detectors and Sensors to18 package wavelength of peak sensitivity 900 nm dark current 1000 pA	<b>10 Nos.</b>		
<b>12</b>	<b>RS232-TO-USB</b> SparkFun Accessories USB to RS232 Converter - 6ft USB to RS232 Converter with 6ft cable	<b>05 Nos.</b>		
<b>13</b>	<b>IC_AD624ADZ</b> Instrumentation Amplifiers LOW NOISE,PRECISION IN AM, Analog device, Number of channel is 1 bread board mount DIP package	<b>10 Nos.</b>		
<b>14</b>	<b>MFR_25F52_1K</b> Metal Film Resistors - Through Hole 1K OHM ,1/4W and 1% of tolerance	<b>1000 Nos.</b>		
<b>15</b>	<b>MFR_25F52_2K</b> Metal Film Resistors - Through Hole 2K OHM ,1/4W and 1% of tolerance	<b>1000 Nos.</b>		
<b>16</b>	<b>MFR_25F52_3K</b> Metal Film Resistors - Through Hole 3 KILO OHM ,1/4W and 1% of tolerance	<b>1000 Nos.</b>		

**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