

BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA, CHHEND, ROURKELA-769015

TENDER FOR SUPPLY OF EQUIPMENTS, INSTRUMENTS & ITEMS FOR ELECTRONICS AND COMMUNICATION ENGINEERING LABORATORY

Tender Notice No. BPUT/CAPGS/79 /2022/5866

Dated: 29.09.2022

BIDDING DATA SHEET

A. GENERAL INFORMATIONS:

SI. No.	Item	Details					
01	Bid Identification No.	BPUT/CAPGS/79 /2022/5866					
		Dated: 29.09.2022					
02	Name of the Work	PROCUREMENT OF LAB EQUIPMENTS, INSTRUMENTS & ITEMS FOR ELECTRONICS AND COMMUNICATION					
03	Officer inviting tender	ENGINEERING DEPARTMENT REGISTRAR, BPUT ODISHA, ROURKELA					
04	Accepting Authority	VICE CHANCELLOR, BPUT ODISHA, ROURKELA					

B. BID INFORMATIONS:

SI. No.	Item	Details
01	Pre Bid Discussion	11.10.2022 at 4.00pm
02	Last date of Bid submission	29.10.2022 by 5.00pm
02	Date of Opening of Technical bid	01.11.2022 at 11.30am
03	Date of Opening of Financial bid	02.11.2022 at 4.00pm
04	Bid Processing Fee	Rs. 1000 (DD in favour of "Biju Patnaik University of Technology" payable at Rourkela)
05	Earnest Money Deposit (EMD)	Rs. 10,000/- (DD in favour of "Biju Patnaik University of Technology" payable at Rourkela)
06	Intended completion period/Time period assigned for Completion of supply.	By 30.11.2022

Quotations are invited for supply of the items (as specified at Annexure-I) sealed in <u>Two Bid system (one is Technical Bid and second is Financial Bid)</u> separately super scribing the cover with "<u>Tender for Supply of Equipments</u>. <u>Instruments & Items for Electronics and Communication Engineering Laboratory</u>" for CAPGS, BPUT, Rourkela. The outer cover should bear only the addresses. Offer with complete details on the following should reach The Registrar, Biju Patnaik University of Technology, Chhend, Rourkela-769015 on or before 29.10.2022 by 5.00pm through Speed Post or Registered Post only. Technical Queries if any please contact: The Director I/c, CAPGS, BPUT (capgs.rkjena@bput.ac.in).

You are requested to kindly go through the detailed instructions and terms & conditions mentioned below and overleaf and submit your most competitive offer by the last date and time of submission cited above.

INSTRUCTIONS

Bidders must submit their bids in three separate sealed covers i.e., the first sealed cover is "Bid Processing Fee & EMD", the second sealed cover is "Technical Bid" and the third sealed cover in "Financial Bid". These three bids should be put in a

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- separate cover. This outer cover must be sealed and mentioned <u>Tender for Supply of Equipments</u>. <u>Instruments & items for Electronics and Communication Engineering Laboratory</u> on the top of the envelope.
- Please submit copy of your Income Tax return copies of last three years and copy of PAN & GST along with offer.
- The offer must be submitted in <u>Two Bids</u> in a single cover. Tender should be sent through Speed Post / Registered Post only addressing to <u>The Registrar</u>, <u>Biju Patnaik</u> <u>University of Technology</u>, <u>Chhend</u>, <u>Rourkela-769015</u>. Other mode of delivery shall not be accepted.
- Tenders/Quotations must be sent sufficiently in advance so that it reaches us on or before the due date and time. Quotation received after the due date & time will not be considered.
- 5. Quotation document (s) and all enclosures must contain the signature on each page of the competent authority of the firm.
- The Bank/RTGS detail must be submitted along with the quotations /Tenders on the letter head. A Scan copy of the cancelled Cheque can also be attached for verification of IFSC code (if required).
- 7. The firm quoting for mentioned items should be the authorized dealer of the manufacturer / manufacturer. Copy of authorization certificate should be enclosed with the quotation. Offers submitted without proper authorization shall be rejected summarily.

ELIGIBILITY CRITERIA FOR BIDDERS

- 1. The bidder must be a Proprietary/Partnership firm/Limited Company/Agency/Society legally constituted or registered under the relevant Act.
- 2. Must be in the same business for supplying of above items for at least Five or more years as on 29.10.2022.
- 3. Must be registered and submit the documents such as PAN, TAN, Goods & Service Tax Registration etc. with proper validity.
- 4. Must have an average annual turnover of Rs. 50 Lakhs or more from supply of items during the last three financial Years, Preferably [2018-19, 2019-20, 2020-21, 2021-22] in the books of account.
- 5. The Bidder must have provided minimum 05 nos. or more of the above items of either category in reputed institutes like IIT/NIT/at least one Government Institution during a given last five financial year.
- 6. The bidder must submit Customer Satisfactory Performance Report (CSPR) from these organisations for the Financial Year in which they have supplied similar type of Furniture.
- 7. Where the Bid is signed by any official other than MD/CMD or Proprietor / Owner of the Agency, then the person signing the Bid must have to submit duly signed power of attorney from the MD/CMD or the proprietor/owner of the Agency to the effect that the person signing the bid is legally authorised and competent to sign the bid and negotiate on behalf of the Agency concerned. All the pages of the bid must be serially numbered and duly signed and sealed by the Authorized signatory giving detail of the page numbers in the index of the bid.
- 8. Self-Attested copy of Memorandum of Understanding (MoU) shall be provided in case the Bidder comprises of Joint venture/Consortium/Partnership or relevant document about sole proprietorship.
- The bidder shall submit full details of his ownership and control or, if the Bidder is a partnership, joint venture or consortium, full details of ownership and control of each member thereof.

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- 10. The bidder shall submit an Undertaking that the said items(s) of respective item should be delivered within 1 month from the date of receipt of work order.
- 11. All supporting documents in respect of the Bid must be submitted duly self-attested by the person signing the Bid.
- 12. Non-submission of these documents will make the bid as un-responsive and such bids shall not be considered as valid.
- 13. Canvassing or offer of an advantage or any other inducement by any person with a view to influencing acceptance of a bid will be an offence under Laws of India. Such action will result in the rejection of bid, in addition to other punitive measures.
- 14. Bank Mandate as per the format at Annexure-IV is required to be submitted.
- 15. The Bidder/ Firm should not have been blacklisted by any Government Organization nor should have any criminal background. An undertaking in this regard should be submitted by the bidder.

TERMS & CONDITIONS

The offer must comprise of the following failing which it will be treated as non-responsible hence rejected:

- The basic price must not be higher than price of the principal, if any additional accessories required, as per technical specifications, it must be quoted separately. Price list in case of proprietary items must be submitted.
- 2. Bid Processing fee (Non-refundable) Rs.1000/- (One Thousand Only) in favour of BPUT, Rourkela, to be submitted in the form of Demand Draft (DD) only. EMD (Refundable) of Rs. 10,000/- in favour of BPUT, Rourkela, to be submitted in the form of Demand Draft (DD) from any Nationalized/ Scheduled Commercial Bank payable at Rourkela and it should be valid for a period of 45 days beyond the bid validity period. Bids received without, Bid Processing fee, EMD, Bank mandate, and other essential documents will be rejected. The EMD amount will be refunded after submission of Performance Bank Guarantee.
- 3. NSIC/SSI/MSME Units are exempted for submitting EMD as per Govt. Of India order.
- 4. Conditional tenders will not be accepted.
- 5. Late and delayed quotation: Late and delayed tender will not be considered. If, in any case, unscheduled holiday occurs on prescribed closing/opening date, the next working day shall be the prescribed date of closing/opening. It will be the sole responsibility of the firm that quotation should reach on or before the due date and time.
- Pre-installation Requirement: The bidder should mention pre-installation requirements for the equipment like ambient temperature, humidity, weather specification, power specifications, etc., when items are provided full performance satisfactions, should be demonstrated.
- 7. **TAXES:** The percentage of taxes must be either inclusive/extra in exact figure and should be mentioned clearly by the supplier.
- 8. Authorization Dealer Certificate of Principal or manufacturer certificate shall be submitted.
- 9. The exact days of delivery period, installation & commissioning schedule.
- 10. The exact figure of percentage of discount offered.
- 11. The quoted price (final offer) must be F.O.R (Freight on Road), i.e. BPUT, Rourkela including Packing & Forwarding, Freight, and Insurance etc. with detail break-up.

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- 12. Packing, Forwarding, Transporting, Postage/Courier, Octroi, Freight, Insurance, Any Certificate(s), Extra Warranty, Installation, Commissioning any, any levy, any other charge(s) must be mentioned clearly.
- 13. Finance Bid: The L1 bidder of respective item(s) shall be selected as per the recommendation of the Tender Committee.
- 14. DELIVERY: The Items should be supplied on the basis of free delivery at BPUT, Rourkela on working days.
- 15. **SPECIFICATION AND MAKE:** Quotation should be given for the exact specification and make as shown in the **Technical Specification (Annexure-I)** against the items along with the order copy of similar equipment supplied to any Govt. Organization including detail of price & all charges must be attached.

The supplier should also provide a list of Govt. Institutions (if any) to which similar product has been supplied with product details in the Technical bid.

- 16. The date of delivery should be strictly adhered to failing which the purchase order is liable to be cancelled. Penalty may be imposed as per P.O. terms & conditions. Goods should be securely, safely and adequately packed & dispatched at the risk of supplier and packing costs quoting this order reference should be kept in all package.
- 17. **VALIDITY PERIOD:** The validity period of the offer should be clearly specified. It should be at least for **180 days** from the last date of submission of quotations.
- 18. **PAYMENT:** Full payment within 30 days from the date of received, tested/inspected/commissioned and found satisfactory with regard to quality, quantity and specifications and acceptance by the Indenter subject to submission of 10% PBG.
- 19. PERFORMANCE BANK GUARANTEE (PBG): The firm has to submit Performance Security of 10% of the total order value to be submitted on or before installation of equipment. Performance Security must valid for 38 (Thirty Eight) months i.e. 2 months beyond the warranty period to cover the warranty. Performance security is to be issued and sent directly from an Indian Nationalized bank.
- 20. WARRANTY: The items should be onsite comprehensive Warranty/Guarantee against any manufacturing defect for a period of 03 years from the date of successful installation and authorization. In case any part or whole of the equipment is found to be defective during the guarantee period, then the same will have to be replaced/repaired free of cost at our premises by the supplier.
- 21. LIQUIDATED DAMAGES: As time is the essence of this order, the date of delivery should be strictly adhered to, otherwise the delivery in full or in part may not be accepted and penalty for late delivery will be imposed @ 0.5% per week subject to a maximum of 10% of the total value of supply order & beyond 10% subject to approval of Vice Chancellor, BPUT. In case of delay in installation/ supply the same rate of penalty shall be leviable. In case of cancellation of order no compensation will be paid towards progress of order/procurement.
- 22. All communications are to be addressed to the Registrar, BPUT, Chhend, Rourkela only. Any kind of canvassing visit to the Institute Premises for enquiry of the status of the tender without prior permission may lead to rejection of the bid.
- 23. BPUT reserves the right to accept or reject or cancel any or all enquiries or quotations at any stage without assigning any reason thereof.
- 24. For any dispute, the place of jurisdiction shall be Odisha, India only.

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Registrar

TECHNICAL SPECIFICATIONS

(Equipments, Instruments & Items for Electronics and Communication Engineering Laboratory)

Name of The Equipments/Components	Specifications	Quantity		
Power Supply	Dual Power Supply (0 to 30V)	10 pcs.		
Function Generator	Arbitrary, Sweep 150MHz, Sine, Pulse, Square, Ramp, Dual Channel	10 pcs.		
Digital Storage Oscilloscope	Dual Channel, 200MHz	10 pcs.		
Digital Multimeter	True RMS Multimeter: Voltage, Resistance, Continuity, Capacitance. Input terminal for ac and dc current measurements to 10 A current. Diode test, Data hold.	20 pcs.		
	1N4007	500 pcs.		
	1N4148	100 pcs.		
	ZENER Diode (2.7V)	50 pcs.		
Diodes	ZENER Diode (3V)	50 pcs.		
	ZENER Diode (4.7V)	50 pcs.		
e finite cient months in	ZENER Diode (5V)	50 pcs.		
	ZENER Diode (6V)	50 pcs.		
	BC107	200 pcs.		
	BC547	200 pcs.		
ransistors	BC557	200 pcs.		
Transisions	BD115	100 pcs.		
	SL100	50 pcs.		
	SK100	50 pcs.		
Integrated Circuits (ICs)	IC-741	200 pcs.		
micegrated officials (103)	IC-555	200 pcs.		
	470Ω	25 pcs.		
	1K	25 pcs.		
Potentiometer (POT)	10K	25 pcs.		
	47K	25 pcs.		
	100K	25 pcs.		
	10μF/16V	50 pcs.		
	10μF/25V	50 pcs.		
	10μF/63V	50 pcs.		
	22µF/16V	50 pcs.		
	22µF/25V	50 pcs.		
Electrolytic Capacitors	22μF/63V	50 pcs.		
	100μF/16V	50 pcs.		
	100μF/25V	50 pcs.		
	100μF/63V	50 pcs.		

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	470µF/63V	100 pcs.		
9	1000µF/63V	100 pcs.		
	2200µF/63V	50 pcs.		
2201000	0.1µF	100 pcs.		
100	0.01µF	100 pcs.		
Ceramic Capacitors	0.001µF	100 pcs.		
Ceramic Capacitors	0.0001µF	100 pcs.		
	Mixed Values	2 packets		
	47Ω(1/4W)	100 pcs.		
	100Ω(1/4W)	100 pcs.		
	330Ω(1/4W)	100 pcs.		
and on the second	470Ω(1/4W)	100 pcs.		
100 100 100 100 100 100 100 100 100 100	560Ω(1/4W)	100 pcs.		
540.	1K (1/4W)	100 pcs.		
1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2.2K (1/4W)	100 pcs.		
450,000	3.3K (1/4W)	100 pcs.		
200 2	4.7K (1/4W)	100 pcs.		
	5.6K (1/4W)	100 pcs.		
	10K (1/4W)	100 pcs.		
	18K (1/4W)	100 pcs.		
	22K (1/4W)	100 pcs.		
	27K (1/4W)	100 pcs.		
Carbon Resistors (Fixed)	1	100 pcs.		
	56K (1/4W)	100 pcs.		
		100 pcs.		
	1M (1/4W)	100 pcs.		
	All Above Values (1/8W)	50 pcs. (each)		
800 8 8	All Above Values (1/2W)	50 pcs. (each)		
	All Above Values (1W)	50 pcs. (each)		
	All Above Values (2W)	50 pcs. (each)		
Wire Wound Posister	5W (Different Values)	10 pcs.		
Wire Wound Resistor	10W (Different Values)	10 pcs.		
Resistors	Mixed Values	2 packets		
Inductors	Different Values As per Availability in Market	50 pcs.		
Breadboard (Big)with Power Supply		30 pcs.		
option	10/45			
Digital Trainer Kits		20 pcs.		
	IC-7400	200 pcs.		
	IC-7402	200 pcs.		
	IC-7404	100 pcs.		
	IC-7408	100 pcs.		

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	IC-7411	200 pcs.
N	IC-7432	100 pcs.
Integrated Circuits (ICs)	IC-7474	100 pcs.
	IC-7476	100 pcs.
	IC-7486	100 pcs.
	IC-74138	50 pcs.
100 000	IC-74139	50 pcs.
	IC-74151	50 pcs.
	IC-74153	50 pcs.
	IC-4511	100 pcs.
7-Segment Display	Common Cathode	50 pcs.
LEDs	Different Colours (RGYW)	100 pcs.
Ammeter	0-1A range	20 pcs.
Resistor	470Ω	100 pcs.
Patch Chords	2mm	500 pcs
Magnifying Glass		2 pcs.
Table Lamp	LED 10W	1 pc.
CRO Probes		30 pcs.
		25 pcs. B
Crocodile Clip		25 pcs. R
	9V	30 pcs.
Battery	1.5V	10 pcs.
	0-6V (6-0-6)V	20 pcs.
Transformer (Step-Down)	0-9V (9-0-9)V	20 pcs.
	0-12V (12-0-12)V	20 pcs.
Electrical Wires	Multi-strand Wires	2 coils
Hook Up Wires	Single Strand (Different Colours)	4-5 coils
Mains Lead		40 pcs.
Black Tape		10 pcs.
Tucher	THE SHOOT COUNTY OF	5 pcs.
Screw Driver Set	(as as invariant) and	2 pcs.
Extension Board	10M cord length, 4 sockets 10A	1 pc.
Combination Plier	ssuev baxas	1 pc.
Wire Stripper	Ido A south to well the	5 pcs.
Nipper/End-Cutter		2 pcs.
Electrician Knife	The second secon	2 pcs.
Soldering Iron	25W	4 pcs.
Soldering Flux		4 pcs.
Solder Stand		4 pcs.
Desoldering Pump Solder		1 pc.
		10 pcs.
Component Rack Plastic Box	- 502733	2 pcs.
FIASIIC DUX		30 pcs.



List of Experiments:

BASIC ELECTRONICS

SI. No.	Name of Experiments	Specifications of Equipments
01	Study of Electronics Components	Resistors, Capacitors, Inductors, Diodes, LEDs, BJT,
02	Instrument Study: Operation of Function Generator, CRO, Power supply and Multimeter	CRO, Function Generator, RPS, Multimeter, Ammeter
03	V-I Characteristics of PN junction Diode	Diode, Multimeter, Ammeter, 0-30V DC Power Supply, Resistor 1K, Breadboard
04	Study of Half Wave and Full Wave Rectifier	Diode 1N4007, Capacitors, CRO, Multimeter, 0-30V DC Power Supply, Resistor 1K, Breadboard
05	Input and Output Characteristics of BJT	Transistor BC548, Ammeter, CRO, Multimeter, 0-30V DC Power Supply, Resistor 1K, 470K, 1M, Breadboard
06	Design a RC Coupled CE Amplifier	Transistor BC548, Ammeter, CRO, Multimeter, 0-30V DC Power Supply, Resistors, Capacitors, Function Generator, Breadboard
07	Design a Low Pass Filter and High Pass Filter	CRO, Multimeter, 0-30V DC Power Supply, Resistors, Capacitors, Function Generator, Breadboard
08	Design of an Inverting and Non- Inverting Amplifier Using Op- Amp(IC741)	Op-amp IC741 CRO, Multimeter, 0-30V DC Power Supply, Resistors, Function Generator, Breadboard
09	Op-amp as integrator and differentiator	Op-amp IC741 CRO, Multimeter, 0-30V DC Power Supply, Resistors, Capacitors, Function Generator, Breadboard
10	Study of Diode as Clipper and Clamper	Resistors, Diode (1N4007), A.C Voltage, DC Voltage, Oscilloscope, Coupling wires, Multimeter
11	Verification of Logic Gates	Logic Gates, DC Power Supply, Digital Trainer Kit.
12	Adder and Subtractor using Gates	Logic Gates, DC Power Supply, Digital Trainer Kit.

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Tender Notice No. BPUT/CAPGS/79/2022/866

Dated: 29.09.2022

TENDER DOCUMENT FOR SUPPLY OF EQUIPMENTS, INSTRUMENTS & FOR ELECTRONICS AND COMMUNICATION ENGINEERING LABORATORY

TECHNICAL BID

(A) General Information:

SI.No	Item	Description
1	Name of the Proprietary/Partnership firm/Limited Company/Agency/Society	en fry de sale. Standard
2	Address of the Firm / Company (i) Head Office (ii) Branch in Odisha (if any) (iii) Factory Location.	00000
3	Year of establishment.	
4	E-mail address.	
5	Telephone Number(s)	
6	Fax No:	
7	EMD DD no. Date & Bank (Total Amount as per the respective items)	research in the
8	Bid Processing Fee DD no. Date & Bank	
9	Is your firm registered under a) The Indian Companies Act, b) The Indian Partnership Act (Enclose documentary proof)	green) ge green o
10	If your firm is a sole proprietorship firm (give details with documentary proof).	
11	If your firm comes under any other categories (give details with documentary proof).	eretter i
12	Whether insured against fire, theft, and burglary. If so, please state the amount for which insured, the name of the insurance firm and policy no.	
13	GST Regn.No.(give details with documentary proof).	gpast3 i
14	Permanent Account No (PAN). (Copy to be enclosed)	Shav Tr

(B) Experience of the Firm:

Please enclose Work Orders of supply similar items

SI. No.	Name of Government Organisation	ltem	Quantity
1			
2			

\sim	Annual	TILENOVAR OF	last three years.	(Englace de	aumantami muaal	£\ .
	Allilual	Turnover of	last lifee vears.	TEHCIOSE DOC	Jumentary brook	

Year	Annual Turnover (in Rupees)
*	

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Authorized Signature of the Bidder with Seal & Date

FINANCIAL BID

Tender Notice No.: BPUT/CAPGS/79 /2022/5866

Date: 29.09.2022

SI. No.	Description of Item	Specifications	Quanti ty	Unit Price in INR	Disco unt %	GST %	Cust om Duty % (if any)	Insta Ilatio n & Com missi onin g Char	Char ges for Train ing	Total Prince in INR
01	Power Supply	Dual Power Supply (0 to 30V)	10 pcs.					ges		
02	Function Generator	Arbitrary, Sweep 150MHz, Sine, Pulse, Square, Ramp, Dual Channel	10 pcs.		1 33					
03	Digital Storage Oscilloscop e	Dual Channel, 200MHz	10 pcs.							
04	Digital Multimeter	True RMS Multimeter: Voltage, Resistance, Continuity, Capacitance. Input terminal for ac and dc current measurements to 10 A current. Diode test, Data hold.	20 pcs.		100 100 100 100 100 100 100 100 100 100					
05		1N4007 1N4148	500 pcs. 100 pcs.							
	Diodes	ZENER Diode (2.7V) ZENER Diode (3V)	50 pcs. 50 pcs.							
		ZENER Diode (4.7V) ZENER Diode (5V) ZENER Diode	50 pcs. 50 pcs. 50							
06		(6V) BC107	pcs. 200 pcs.							
		BC547	200 pcs.							

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	Transistors	BC557	200						T	
		BD115	pcs.							
	386 1 5 15 5 5 6	БИПО	100 pcs.							
The state of the s		SL100	50							
			pcs.							*
		SK100	50							
07		IC-741	pcs. 200		1 222					A FALLS TO
	Integrated	10 741	pcs.							
1200	Circuits (ICs)	IC-555	200	r I Wasi						
08	(ICS)	4700	pcs.							
00	1 1 1 1 1 1 1	470Ω	25							
T. A.		1K	pcs. 25							
	Potentio		pcs.							
	meter	10K	25							
	(POT)	471/	pcs.							
		47K	25 pcs.							
		100K	25	-				200	12.5374	
			pcs.							
09		10µF/16V	50		1 200			17 (1)(1)		
		10[/25\/	pcs.							
		10μF/25V	50 pcs.				in intern			
THE STATE OF THE S		10µF/63V	50							
			pcs.					eu Sraig		
	Electrolytic	22µF/16V	50						yo. See	H Hans
		22µF/25V	pcs. 50							
	Capacitors	22μι 725 γ	pcs.							
		22µF/63V	50							
			pcs.							
		100μF/16V	50							
		100µF/25V	pcs. 50							
		100μ1 /25 γ	pcs.							
		100μF/63V	50							1
		470 F(00) (pcs.							
		470µF/63V	100							
		1000µF/63V	pcs. 100			+				
			pcs.				N (2) 124	8.005		
		2200µF/63V	50					4870		
10		0.1	pcs.							
.0		0.1µF	100 pcs.							
R		0.01µF	100			400				
	Ceramic		pcs.						100	-701
	Capacitors	0.001µF	100							
		0.0001µF	pcs.					100		
		0.000 1μΓ	100 pcs							
		Mixed Values	pcs.							
			packet					3 10 10		
11		470/4/010	S				- As			
11		47Ω(1/4W)	100		4 2 1					
		100Ω(1/4W)	pcs. 100							
			pcs.							
		330Ω(1/4W)	100							
			pcs.							





		470Ω(1/4W)	100			3				
	3.	560Ω(1/4W)	pcs. 100							
			pcs.							
		1K (1/4W)	100							
		2.2K (1/4W)	pcs. 100							
		2.21(1/400)	pcs.						L Carrie	100
		3.3K (1/4W)	100							
		4.7K (1/4W)	pcs. 100							
		4.7K (1/4VV)	pcs.							
		5.6K (1/4W)	100							
	Carbon Resistors	401/ (4/4)40	pcs.				100			
	(Fixed)	10K (1/4W)	100 pcs.				10000			
		18K (1/4W)	100							
			pcs.							
		22K (1/4W)	100 pcs.							
		27K (1/4W)	100							
			pcs.				I SE A	1		
		47K (1/4W)	100				-			
		56K (1/4W)	pcs. 100							
			pcs.				1			
		100K (1/4W)	100							
		1M (1/4W)	pcs. 100			8				
			pcs.				T THE WAY			
		All Above	50							
		Values (1/8W)	pcs. (each)							1 10
			50							
		All Above Values (1/2W)	pcs.							P
		values (1/2VV)	(each) 50							
		All Above	pcs.							
		Values (1W)	(each)						- 07-17 a	
		All Above	50 pcs.							
1		Values (2W)	(each)							
12	Wire	5W (Different	10							
	Wound	Values) 10W (Different	pcs.						N 23 801	
	Resistor	Values)	pcs.						- char	
13	Resistors	Mixed Values		1				Hasse.		
			packet s		1 4					
14		Different Values								
	Inductors	As per	50							
		Availability in Market	pcs.		1 4 3					
15	Breadboar	Wantet	30							
	d (Big)with		pcs.							
	Power Supply									
	option							3.5		
16	Digital		20		10.8		160			
17	Trainer Kits		pcs.		-					
11		IC-7400	200							
17		IC-7400	200 pcs.				1			

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C-7404 Do. Dos.		T		200							1
Integrated Circuits Integrated Circuits	-		10.7404	pcs.							
Integrated Circuits (ICs)	- 1/4		IC-7404								-
Integrated Circuits Integrated Circuits IC-7411 200 pcs pcs			10.7400				-				
Integrated Circuits (ICs)	13		IC-7408								
Integrated Circuits (ICs)			10.7440								
Circuits			10-7410			- 3					
Crounts Crou			IC 7411								
IC-7432 D00 DCS	1		10-7411								
C-7474 100 pcs.		(ICs)	IC 7422								
C-7474 100 pcs.			10-7432	ANIO TICK							
C-7476 100 pcs.			IC 7474								
IC-7476 100 pcs. IC-7486 100 pcs. IC-74138 50 pcs. IC-74151 50 pcs. IC-74153 50 pcs. IC-74153 50 pcs. IC-74153 50 pcs. IC-74153 50 pcs. IC-74151 100 pcs. IC-8511 100 pcs. IED Different 100 pcs. IED Diff			10-7474								
C-7486 100 pcs.			IC-7476								
IC-7486			10 1470		-						
IC-74138 50 pcs.			IC-7486								
IC-74138 50 pcs. IC-74139 50 pcs. IC-74151 50 pcs. IC-74151 50 pcs. IC-74153 50 pcs. IC-74151 100 pcs. IEDs Different 100			10 7 100					100000			
C-74139 Desc.			IC-74138								
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IC-74151 50 pcs. IC-74153 50 pcs. IC-4511 100 pcs. IB 7-Segment Common 50 pcs. IB T-Segment Colours pcs. IB IEDs Different 100 pcs. IB IEDS Different Diffe			IC-74139								
IC-74151 50 pcs. IC-74153 50 pcs. IC-74153 50 pcs. IC-4511 100 pcs. IC-4511 100 pcs. IC-4511 IC-74153 IC-								200			
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IC-74153 50 pcs IC-4511 100 pcs IC-4610 pcs IC-4511 100 pcs IC-4610 pcs IC-4511 100 pcs IC-4610 pcs IC-4511 IC-4610 pcs IC-4610 pcs IC-4511 IC-4610 pcs IC-4610 pcs IC-4610 pcs IC-4511 IC-4610 pcs IC-											
18			IC-74153								
18				pcs.				Bar I			
18			IC-4511	100							
Display Cathode pcs.						100		Man a			
19	18			50		1					
Colours (RGYW) PCS.								44.75			
CRGYW	19	LEDs		100							
20 Ammeter 0-1A range 20 pcs. 21 Resistor 470Ω 100 pcs. 22 Patch Chords 2mm 500 pcs. 23 Magnifying Glass 2 pcs. 24 Table Lamp LED 10W 1 pc. 25 CRO Probes pcs. 26(i) Crocodile Clip 25 pcs. B 26(ii) Crocodile Clip 25 pcs. R 27 Battery 9V 30 pcs. 28 1.5V 10 pcs. Transforme (Step-Down) 0-6V (6-0-6)V 20 pcs. Down) 0-9V (9-0-9)V 20 pcs. 0-12V (12-0- 20 pcs. 0-12V (12-0- 12)V pcs. 29 Electrical Wires Multi-strand Wires Vires 30 Hook Lln Single Strand 4-5				pcs.							
21 Resistor 470Ω 100 pcs.	10000							19/03/1			
21 Resistor 470Ω 100 pcs.	20	Ammeter	0-1A range			To the said					
Patch 2mm 500 50	-					1 1					
22	21	Resistor	470Ω					SWOOD			
Chords						T de sau					
23 Magnifying 2 pcs. 2 2 2 2 2 2 2 2 2	22		2mm								
Glass 24 Table	22					100					
24 Table Lamp LED 10W 1 pc. 25 CRO Probes 30 pcs. 26(i) Crocodile Clip 25 pcs. B 26(ii) Crocodile Clip 25 pcs. R 27 Battery 9V 30 pcs. 28 1.5V 10 pcs. Transforme r (Step-Down) 0-6V (6-0-6)V 20 pcs. Down) 0-9V (9-0-9)V 20 pcs. 29 Electrical Wires Multi-strand Wires 2 coils 30 Hook Lin Single Strand 4.5	23	Magnifying		2 pcs.			9 15 2				
Lamp 30	24		LED 10M	1							
25	24		LED 1000	1 pc.				1.00			
Probes	25	CPO		20							
Crocodile Clip	25							2.33			
Crocodile Clip	26(i)	Flobes		pcs.							
Clip 25 pcs. R	20(1)	Crocodile									
Clip	1135	Clip		pcs. b							
Clip	26(ii)	Crocodile		25							
27 Battery 9V 30 pcs.				pcs. R							
1.5V 10 pcs.	27		9V	30			1				
Transforme		Battery		pcs.		1 1 1					
Composition	28		1.5V	10				all less			
Composition		Transforme		pcs.							
(Step-Down)			0-6V (6-0-6)V	20							
Down 0-9V (9-0-9)V 20 pcs.				pcs.							
Dock Lip Pics P			0-9V (9-0-9)V						43.33		
12)V pcs. 29 Electrical Multi-strand 2 coils Wires Wires 30 Single Strand 4.5				pcs.							
29 Electrical Multi-strand 2 coils Wires Wires 30 Hook Up Single Strand 4.5			0-12V (12-0-						1		Replication of
Wires Wires 30 Single Strand 4.5	- 00	Floris	12)V								
30 Hook Up Single Strand 4.5	29			2 coils		i sa				6,4,19	
Hook III	20	vvires						THE REAL PROPERTY.			
(Different	30	Hook Un		4-5							
		op	(Different								



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	Wires	Colours)	coils							
31	Mains Lead		40							
			pcs.							
32	Black Tape		10							
			pcs.							
33	Tucher		5 pcs.							*
34	Screw Driver Set		2 pcs.							
35	Extension Board	10M cord length, 4 socket 10A	1 pc.							- 67
36	Combinatio n Plier		1 pc.						at 52.10	Bailt
37	Wire Stripper		5 pcs.					5 (drav		
38	Nipper/End -Cutter	geografic	2 pcs.	-1 topin	No. 34		103.50	e exercis	3 (4.29)	
39	Electrician Knife		2 pcs.							
40	Soldering Iron	25W	4 pcs.					12.00		
41	Soldering Flux		4 pcs.				161			
42	Solder Stand		4 pcs.			1004				
43	Desolderin g Pump		1 pc.						s diedre	
44	Solder		10 pcs.						1 2000	
45	Component Rack		2 pcs.							
46	Plastic Box		30 pcs.	Selver S	D ACTION STREET, D					(A) (A) (A)

1	Make & Model	
2	Delivery Mode	FREE DELIVERY AT BPUT, ROURKELA
3	Total Bid price per un unloading, etc. The se	it should be inclusive of all taxes and levies, transportation, loading, election of bidder shall be considered item wise L1 value.
4	Delivery Period	Days
5	Validity Date	Maximum days from the date of opening of Technical Bid
6	Payment Term	Payment term within 30 days from the date submission of bill Acceptance Certificate to concerned Dept. subject to submission of 10 % PBG.

PAN No.:
GST Registration No.:
Signature:
Authorized Signature:
Name:
Bank Address:
Affix Rubber Stamp:

Place:

Date:

B. &

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Mandate Form for Electronic Fund Transfer/RTGS <u>Transfer</u>

To

The Registrar, Biju Patnaik University of Technology Chhend, Rourkela-769015, Odisha

Sub: Authorization for release of payment / dues from BPUT, Rourkela through Electronic Fund Transfer/RTGS Transfer.

- Name of the Party/Firm/Company/Institute:
- 2. Address of the Party:

City:	Pin Code:
E-Mail ID:	Mob No:
Permanent Account Number:	

3. Particulars of Bank:

Bank Name:		Branch N	ame:					
Branch Place:		Branch C	ity:			100		
PIN Code:		Branch C	ode:					
MICR No.:								
(9 Digit number appea	ring on the MICR Ban	of the Cheque supp	blied by the B	ank, Pl	ease at	ttach a	Xer	ox copy
of a cheque of your ba	ring on the MICR Ban nk for ensuring accura	of the Cheque supply of the bank name	, branch nam	ank, Pie ne and c	ease at code nu	itach a imber)	ı Xer	ох сору
of a cheque of your ba	nk for ensuring accura	cy of the Cheque supp	, branch nam	ank, Pie	ease at	imber)	Xer	ox copy
of a cheque of your ba	nk for ensuring accura	cy of the Cheque supply of the bank name	, branch nam	ne and c	code nu	imber)	Xer	ox copy

DECLARATION

I hereby declare that the particulars given above are correct and complete. If any transaction delayed and not effected for reasons of incomplete or incorrect information I shall not hold Registrar, BPUT, Rourekla responsible. I also undertake to advise any change in the particulars of my account to facilitate updating of records for purpose of credit of amount through NEFT/RTGS Transfer.

Place:

Date:

Signature & Seal of the Authorized Signatory of the Party

Certified that particulars furnished above are correct as per our records. Bankers Stamp:

Date:

Signature of the Authorized Official from the Bank

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FORMAT FOR PERFORMANCE BANK GUARANTEE

(To be typed on Non-judicial stamp paper of the value of Indian Rupees of One Hundred) (TO BE ESTABLISHED THROUGH ANY OF THE NATIONAL BANKS (WHETHER SITUATED AT ODISHA OR OUTSTATION) WITH A CLAUSE TO ENFORCE THE SAME ON THEIR LOCAL BRANCH AT ROURKELA OR ANY SCHEDULED BANK (OTHER THAN NATIONALISED BANK) SITUATED AT ROURKELA. BONDS ISSUED BY CO-OPERATIVE BANKS ARE NOT ACCEPTED.)

To The Registrar, Biju Patnaik University of Technology Chhend, Rourkela-769015, Odisha

LETTER OF GUARANTEE

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WHEREAS Biju Patnaik University of Technology, Rourkela (Buyer) have invited Tenders vide Tender No
30 (Thirty) days from the date of acceptance as a successful bidder. NOW THIS BANK HEREBY GUARANTEES that in the event of the said tenderer (seller) failing to abide by any of the conditions referred in tender document / purchase order / performance of the equipment / machinery, etc. this bank shall pay to BPUT, Rourkela on demand and without protest or demur Rs
This bank further agrees that the decision of BPUT, Rourkela (Buyer) as to whether the said Tenderer (Seller) has committed a breach of any of the conditions referred in tender document / purchase order shall be final and binding.
We,
Notwithstanding anything contained herein:
1. Our liability under this Bank Guarantee shall not exceed Rs
This Bank further agrees that the claims if any, against this Bank Guarantee shall be enforceable at our branch office at situated at
Yours truly,
Signature and seal of the guarantor: Name of Bank:

Instruction to Bank: Bank should note that on expiry of Guarantee Period, the Original Guarantee will not be returned to the Bank. Bank is requested to take appropriate necessary action on or after expiry of bond period.

Address: Date:

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CHECK LIST OF MANDATORY DOCUMENTS TO BE ENCLOSED

SI	Details of Documents	Page No.
1.	Bid Processing fee of Rs. 1000/- in form of DD in favour of BPUT payble at Rourkela	
2.	EMD DD(Rs. 10,000/-) in form of DD in favour of BPUT payble at Rourkela	10.00 [85]
3.	Bid submitted along with no. of items and list duly signed	New Property
4.	Bid should be serially numbered, signed, seal and indexed	
5.	Copy of PAN Card	The state of
6.	Copy of GST Registration Certificate	
7.	Income Tax Return copies for last 3 years	
8.	Cancelled Cheque for A/C no and IFSC code	
9.	Certified copy of authorized Dealer/ Manufacturer	
10.	Copy of Company/ Partnership/ Proprietorship/ Society registration certificate	d galf
11.	Copy of experience certificate for last five years or more	
12.	Copy of Turnover of more than Rs. 50 lakhs during last 3 years (duly certified by the Chattered Accountant preferably from 2018-19, 2019-20 to 2021-22)	
13.	Copy of challan or other documents showing supply of 05 nos or more items to IIT/NIT/any Government Institutions during last 5 financial years	SF 11.03
14.	Customer Satisfactory Performance Report (CSPR) to be signed by supplied organization on or before 29.10.2022	
15.	Power of Attorney from MD/CMD/ Proprietor/ Owner in case of submission of bid other than MD/CMD/ Proprietor/Owner	E ALTO
16.	Full details of ownership and other members/ partners	
17.	Undertaking for supply of items within stipulated period	
18.	Bank Mandate as per format at Annexure –IV of Tender Document	
19.	Non-Blacklist/ Non Criminal background certificate	

Note: All the documents to be signed and sealed

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