**ODISHA UNIVERSITY OF TECHNOLOGY AND RESEARCH**

**(Formerly CET)**

**Techno Campus, P.O.-Mahalaxmi Vihar, Ghatikia**

**BHUBANESWAR-751029 ODISHA, INDIA**

**Tender Notice No.74/OUTR Dated: 08/01/2022**

**TENDER CALL NOTICE**

Sealed tenders are invited from Original Equipment Manufacturers (OEM) /Authorized Distributors /Dealers / Registered Firms for supply, installation and commissioning of “**Equipment for Fibre Science & IOT LAB under MODROB, AICTE”** in the Department of **TEXTILE ENGINEERING** of OUTR, Bhubaneswar in the prescribed format as per the requirements enclosed in the schedule of items given in bid documents. Bid documents with details terms & conditions are to be downloaded from OUTR website “[www.cet.edu.in](http://www.cet.edu.in)”.

The tenders along with the tender cost and EMD as given in bid documents in the sealed envelope should be superscribed with "**Tender for supply, installation and commissioning ofEquipment for Fibre Science & IOT LAB under MODROB, AICTE”** at Department of **TEXTILE ENGINEERING**" and should be submitted through Speed Post / Regd. Post only at Principal Office, OUTR, Bhubaneswar on or before **31/01/2022 at 4:00 P.M**. **No hand/courier delivery will be accepted**. The tenderers must possess valid up-to-date GSTIN /Income tax clearance etc. The authority will not be held responsible for any postal delay. More details are available at our College Website: [www.cet.edu.in](http://www.cet.edu.in). The authority reserves the right to accept/reject any or all tenders without assigning any reason thereof. *No correspondence in this regard will be entertained.* The technical bids and financial bids must be submitted separately.

Sd/-

**OSD**

**BID PARTICULARS AND INSTRUCTIONS OF TENDER NOTICE**

**FOR SUPPLY, INSTALLATION AND COMMISSIONING OF**

 **“Equipment for Fibre Science & IOT under MODROB, AICTE”**

**FOR**

**DEPARTMENT OF TEXTILE ENGINEERING**

 **ODISHA UNIVERSITY OF TECHNOLOGY AND RESEARCH**

 **Techno Campus, P.O.-MahalaxmiVihar , BHUBANESWAR-751029 ODISHA, INDIA**

**Bid Ref. No. 74/OUTR Dated: 08/01/2022**

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|  |  **ODISHA UNIVERSITY OF TECHNOLOGY AND RESEARCH****(Formerly CET)****Techno Campus, P.O.- MahalaxmiVihar****BHUBANESWAR-751029 ODISHA, INDIA** |

 **1.0 TENDER PARTICULARS AND SCHEDULE :**

1. 1.**Last Date of Submission of Bids: 31/01/2022 up to 4:00 P.M**

1.2.**Technical Bid Opening Date: 01/02/2022 at 4:00 P.M**

1.3. **Price Bid Opening : To be intimated to eligible bidders after evaluation of Technical Bid.**

1.4. **Tender fee (Non-Refundable)**: **Rs. 1000/-(** Rupees one thousand only) in the form of a DD/Pay Order favouring **The Principal, College of Engineering and Technology** payable at **Bhubaneswar**.

1.5. **Earnest Money Deposit:** The Bidder shall submit their tender along **with EMD of Rs. 10,000/-(**Rupees ten thousand only). EMD should be in the form of Demand Draft/Banker’s Cheque /Bank Guarantee favoring: **The Principal, College of Engineering and Technology,** payable at Bhubaneswar. This Bank Guarantee should be valid for Bid Validity period mentioned in **Clause 1 under SECTION** II.

**SECTION I: INVITATION FOR BIDS (IFB)**

Sub: Sealed tenders are invited from Original Equipment Manufacturers (OEM) /Authorized Distributors /Dealers / Registered Firms for **“Supply, installation and commissioning ofEquipment for Fibre Science & IOT LAB under MODROB, AICTE”**in the Department of Textile Engineering, OUTR (former CET), Techno Campus, MahalaxmiVihar, Bhubaneswar – 751029, ODISHA .

**1. 0. Scope of Work & Technical specifications:**

Detailed scope of work and technical Specifications are as per enclosed **Annexure I**

**2.0 Eligibility Criteria for bidders:**

The eligibility criteria for pre-qualification of bidders are as under:

2.1. The bidder should be a registered firm. The bidder should furnish the registration certificate, GSTIN certificate, PAN No. along with the tender paper. Enclose Xerox copyof the supporting documents. In absence of such certificate, the Bid is liable to be rejected.

2.2.The bidder must be a reputed Original Manufacturer and/or the Authorised distributor/ Dealer of a reputed manufacturer. Original Manufacturers should provide all documents relating to their **Manufacturing Capabilities.** If the bidder is an Authorised Distributors/Dealer of a reputed manufacturer, necessary certificate to this effect from his manufacturer must be enclosedfailing which the offer will be summarily rejected.The certificate so furnished should clearly incorporate the firm name and address from where after sales services shall be rendered. In absence of such authorization, the Bid is liable to be rejected.

2.3 All after sales support should be provided directly by the manufacturer only.

2.4. The bidder must have the willingness for providing comprehensive maintenance support of the Machine supplied by him.

2.5. Products to be offered should be new, unused and of current design, not declared obsolete or not declared to become obsolete in next 2-years.OEM must not offer any co-branded product (i.e., Product bearing brand shared with other OEM).

2.6The tender(s) should have executed installations of the similar nature work. (Similar nature of work means: “**Supply, installations and commissioningof Equipment for Fibre Science & IOT LAB under MODROB, AICTE**” shallbe treated as similar work). Proofs of the same like PO copies, installation & completion reports, performance certificates, with address & contact details of the reference installation list should be submitted with the bid. In absence of supporting documents, the bid is liable to be rejected.

2.7. The bidder or ( principal/ OEM in case bidder is authorized channel partner etc) must have an experience of minimum 05 years or more for Sales, Installation & Service support for execution of projects.

2.9. The bidder should not be black listed in any of the Gov. Organization. Undertaking in this regard must be submitted.

2.10. Before submission of the tender, please verify the eligibility criteria and ensure fulfilling all the terms and conditions.

**3.0. Bid Submission:**

The offer must be submitted in two parts in sealed envelope separately as Part-I (Technical Bid) and Part-II (Price Bid) in separate sealed envelopes. Both the bids shall be enclosed in another sealed envelope superscribed **“Tender for supply, installation and commissioning ofEquipment for Fibre Science & IOT LABunder MODROB, AICTE**” in **Department of Textile Engineering, OUTR Bhubaneswar”**and the address of the firm should be mentioned in the sender side of the envelope with phone number.

**3.1 Part – I (Technical Bid)** shall contain:

* Technical bid with full details including description of make & model of materials so as to enable technical assessment of the proposal.
* An Undertaking / Authorization certificate as mentioned under Eligibility Criteria.
* **Company Profile (as per PROFORMA I & II) along with all the supporting documents as desired.**
* Non-Refundable Tender cost of Rs. **1000/-(**Rupees one thousand only) in the form of DD / Pay Order favouring**Principal, College of Engineering & Technology**, payable at **Bhubaneswar**. (In case the tender document is downloaded from the website). Quotations without Tender Fee shall be rejected.

Refundable Earnest Money Deposit (EMD): The bidder has to submit a Demand Draft/Banker’s Cheque/Pay Order/Bank Guarantee towards EMD amounting to Rs. **10,000/-(** Rupees ten thousand only) in favour of **Principal, College of Engineering and Technology** payable at Bhubaneswar in any Nationalised Bank towards EMD. **Without EMD, the tender will not be considered**.

* The warranty services are required at OUTR, Ghatikia, Bhubaneswar. A certificate of warranty as specified in the technical specification should be provided by the OEM in original.
* The detailed technical specifications with Make & Model, Compliance Statement must be as per the technical specifications (as per Annexure-I) which needs to be supported by relevant product brochure etc. Without proper Compliance Statement the bid is liable to be rejected.
* Acceptance to the terms and conditions laid down in the tender document. Any deviation in the general terms and condition will lead to the rejection of the bid.
* All the documents submitted must be in the papers showing signature of the tenderer and printed office name of the tenderer on official seal.
* All the documents must be submitted in a sequential manner with separator/flags to help in quick scanning of the topics. Wherever possible, data in tabular form should be given.

**If the technical offer contains any price information, the offer will be summarily rejected.**

**3.2 Part –II (Price Bid)** should contain Only Price Details in the prescribed format as per **Annexure-II** with proper seal and signature of authorized person. Prices should be given in INR in both figures and words.

#### The sealed cover containing tender documents as per procedure indicated above should be submitted by Registered Post/Speed Post addressing to the Principal, College of Engineering & Technology, Techno-campus,MahaLaxmiVihar, Bhubaneswar-751029within the due date and time as stipulated in Tender Call Notice. The College is not responsible for postal delay. The sealed envelope must show the name of the tenderer and his address and should be super scribed as “Tender for supply, installations of Equipmentfor Fibre Science & IOT LAB under MODROB, AICTE”, in Department of Textile Engineering, OUTR Bhubaneswaron the top of the envelope.

**4.0. Opening of Technical & Price Bid**

Only the technical bids will be opened on **01/02/2022 at 4:00 P.M**. interested bidders may attend the technical bid opening as per the schedule date and time.

**SECTION II: INSTRUCTION TO BIDDERS:**

1. **Bid Validity**

Bids shall be valid for minimum 120 Days from the date of opening of technical bid. A bid valid for a shorter period shall not be considered. OUTR-Bhubaneswar may ask bidders to extend the period of validity.

1. **Delivery & Installation:**

The complete delivery and installation as per our present requirement must be completed at Laboratory of Dept. of Textile Engineering, OUTR, Techno Campus, Ghatikia **within 60 days from the date of P.O.** to meet the time lines. **The supplier must bear the charges of transportation, insurance, loading and unloading.**However, separate order may be placed for additional quantities on the same rates on “As and When Required” basis within the Bid Validity period as above. OUTR-Bhubaneswar reserves the right to increase or decrease the Bill of material as per the requirement without any change in the rates quoted. **The supplier should provide all necessary raw materials, accessories during installation and training. At least two of our lab staff should be trained at least for 4 days about operation and maintenance during the installation process**.

**3.0 . Product Specifications & Compliance Statement**

The bidder should quote the products strictly as per the tender specifications and only of desired / preferred brands. Complete technical details along with brand, specification, technical literature etc. highlighting the specifications must be supplied along with the technical bid. The compliance statements should be supported by authentic documents**. Each page of the bid and cuttings / corrections shall be duly signed and stamped by the authorized signatory. Failure to comply with this requirement may result in the bid being rejected.**

**4.0.** In case of any discrepancy between rates mentioned in figures and words, the later shall prevail. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected.

**5.0.**Materials must be properly packed against any damage and insured up to the destination. The material should be directly supplied to Department of Department of Textile Engineering, OUTR, Ghatikia, Bhubaneswar. All the expenses involved in transportation of the equipment to OUTR, Bhubaneswar shall be borne by the Bidder. All aspects of safe delivery shall be the responsibility of the Bidder. OUTR-Bhubaneswar will have the right to reject the components / equipment as a whole supplied, if it does not comply with the specifications at any point of installation/inspection.

**6.0.** OUTR-Bhubaneswar reserves the right to divide / split the order between more than one technically qualified bidder to meet the **Technical Requirements and Delivery Schedule.**

**7.0.** Earnest Money is liable to be forfeited and bid is liable to be rejected, if the bidder withdraw or amends, impairs or derogates from the tender in any respect within the validity period of the tender.

**8.0.**The Earnest Money of all the unsuccessful bidders shall be returned as early as possible but within the Bid Validity period but not before 30 days from the date of Purchase Order. No interest will be payable by OUTR on the Earnest Money Deposit. The Earnest Money of successful bidder shall be returned after successful performance of the equipment.

**9.0.**If any component / part thereof is lost or rendered defective during transit, the supplier shall immediately arrange for the supply of the software and hardware or part thereof, as the case may be at no extra cost.

**10.0.** The rates should be quoted in Indian Rupees for delivery at the Site **BOTH IN FIGURES & WORDS.** All prices shall be fixed and shall not be subject to escalation of any description during the bid validity period.

**11.0. Price quoted should be FOR OUTR (former College of Engineering & Technology), Bhubaneswar only.**

**The price should be inclusive of all taxes strictly as per the format of Annexure-II. However the bidder may give details of tax components like basic price, GST separately in the price bid in Annexure II. The offers which are not as per the format will be rejected.**

**12.0. OUTR**, Bhubaneswar reserves the right to accept / reject the offers or cancel the whole tender proceedings without assigning any reason whatsoever. Offers through Email / Fax, etc and open offers shall not be accepted. Late / Delayed offers shall not be accepted under any circumstances. Incomplete offers shall be rejected outright. In case the specified date for the submission of offers being declared as a holiday for OUTR-Bhubaneswar, the bid-closing deadline shall stand extended to the next working day up to the same time.

**13.0** Any attempt of negotiation direct or indirect on the part of the Tenderer with the authority to whom he has submitted the tender or authority who is competent finally to accept it after he has submitted his tender or any endeavour to secure any interest for an actual or prospective bidder or to influence by any means the acceptance of a particular tender will render the tender liable to be rejected.

**14.0.** The prospective bidders requiring any clarification about the contents detailed in the tender document may notify to OUTR-Bhubaneswar in writing at OUTR’s address. Clarifications received till 72 hours before the closing date / time of receipt of bids will be responded.

**16.0. Unsatisfactory Performance**

The Parties herein agree that OUTR-Bhubaneswar shall have the sole and discretionary right to assess the performance(s) of the Bidder components(s), either primary and or final, and OUTR-Bhubaneswar, without any liability what so ever, either direct or indirect, may reject the system(s) component(s) provided by the Bidder, in part or in its entirety, without any explanation to the Bidder, if found unsatisfactory and not up to level of the acceptance of OUTR-Bhubaneswar.

**17.0 Penalty:**

If the delivery, installation and commissioning is not carried out in time as specified in other part of the tender document, the tenderer/manufacturer will be charged @ 1 % (one per cent) per week of the total value of the concerned machine / equipment.

**18. Discount:**

Our Institute is a pioneer Institution in the field of Teaching and Research in Engineering and allied disciplines and do not run with profit motive.

As such we are availing price discount for purchase of equipment/instruments.

The rate of discount or any other Institutional benefit arising out of Govt. Policy etc., on each item may also be indicated in the bid specifically.

**19.0. Disclaimer:**

This Tender / Request for Proposal (RFP) is not an offer by OUTR-Bhubaneswar, but an invitation for bidder’s response. No contractual obligation whatsoever shall arise from the RFP process.

**20.0. Solving Disputes:**

The Institution & the Tenderer shall make all efforts to resolve amicably by direct informal negotiation on any disagreement or dispute arising between them under or in connection with this contract.

All disputes arising out of the contract shall be referred to courts under the jurisdiction of the Bhubaneswar court only.

***The above terms and conditions except those otherwise agreed upon shall form a part of the Purchase Order.***

***Sign on each page of this tender document and Return it along with the offer enclosing this part together with the Technical Offer.***

***\*\* \* The OUTR authority has all rights to accept / reject any tender without assigning any reasons thereof.***

**SIGNATURE OF THE BIDDER WITH STAMP**

**SECTION III: SPECIAL CONDITIONS OF CONTRACT:**

**1.0.Price Basis :**

Price quoted should be in the prescribed format as per Annexure-II. The quoted price will be considered firm and no price escalation will be permitted during the bid validity period.

**2.0. Billing:**

Billing is to be made in the name of **The Principal, Collegeof Engineering and Technology, Techno Campus, Mahalaxmivihar,Bhubaneswar-751029.** The payment would be on the basis of the actual bill of material supplied and duly certified by concerned authority of OUTR.

1. **Payment :**

100% of invoice value after successful Supply, installation commissioningat Department of Textile Engineering, College of Engineering and Technology, Bhubaneswar and submission of invoice.

**4. Warranty :**

The equipment should cover a comprehensive minimum warranty for 2 years from date of installation.

**SECTION IV: Technical Specifications:**

The list of item with their technical specifications (minimum) is as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Items** | **Quantity** | **Specification** |
|  | **UNIVERSAL SENSOR KIT, BOARDS LIKE AURDINO, ZIGBEE, LIBIUM** | 1 or Multiple No.s |

|  |  |  |
| --- | --- | --- |
| **Sl.No.** | **Item** | **Qty.** |
| 1 | SOLO AC 220V 60W-100W Ultrasonic Cleaner Power Driver Board With 2Pcs 50W 40KHZ Transducers | 2 |
| 2 | LS171 Mobile Phone Application Portable Colorimeter Color Analyzer with Screen Digital Precise LAB Color Meter Tester 8mm | 1 |
| 3 | Hiwonder Raspberry Pi VisionPi 4b Smart Camera PTZ 2G Version Python Programming Face Recognition Robot Kit | 1 |
| 4 | MUSTOOL MT315 2000X Dual Lens Digital Microscope 7-inch HD IPS Large Screen Multiple Lens for Circuit/Cells Observation Up&Down Light Source Support Computer Viewing | 1 |
| 5 | 5 In 1 Water Quality Multi-parameter PH EC CF TDS(ppm) Temp Tester Meter Aquariums Hydroponics Pool Fish Tank Pond Drinking | 1 |
| 6 | Stainless Thin Conductive Yarn / Thick Conductive Thread - 35 ft | 2 |
| 7 | Mixtile GENA Wearable Electronic Development Kit | 2 |
| 8 | BitWear - Smart Wearable for micro:bit | 1 |
| 9 | FLORA Sensor Pack | 1 |
| 10 | Mixtile GENA Wearable Electronic Development Kit  | 2 |
| 11 | SparkFun Triad Spectroscopy Sensor – AS7265x  | 1 |
| 12 | Barcode Reader/Scanner Module - CCD Camera  | 1 |
| 13 | Peltier Thermo-Electric Cooler Module+Heatsink Assembly - 12V 5A | 2 |
| 14 | NvidiaJetson Nano Development Kit (128 Cuda Cores, Cortex®-A57, 4 GB 64-Bit LPDDR4) | 2 |
| 15 | AMG8833 IR 8\*8 Infrared Thermal Imager Array Temperature Sensor | 1 |
| 16 | HackRF One Software Defined Radio RTL SDR 1MHz-6GHz 8Bit | 1 |
| 17 | Yahboom Raspberry Pi 4B AI Robot Kit 3-DOF Camera with Mecanum Wheel | 1 |
| 18 | Advance kit for Arduino Mega: complete starter kit with more than 200pcs components. Free PDF tutorial in the CD (more than 35 lessons) | 1 |
| 19 | Oxygen Sensor | 2 |
| 20 | Adafruit Accessories Electric Heating Pad - 14cm x 5cm | 3 |
| 21 | Cameras & Camera Modules Barcode Reader Module USB | 1 |
| 22 | Multiple Function Sensor Development Tools PM2.5 Air Quality Sensor and Breadboard Adapter Kit - PMS5003 | 1 |
| 23 | Adafruit Accessories Adafruit Industries | 1 |
| 24 | Adafruit Accessories Adafruit PCB Coaster - Hans + AdabotRoHS Compliant | 1 |
| 25 | Adafruit Accessories Muscle Sensor Surface EMG Electrodes - H124SG Covidien - Pack of 6 | 1 |
| 26 | Solar Panels & Solar Cells Small 6V 1W Solar Panel - Silver | 1 |
| 27 | Adafruit Accessories Waterproof DS18B20 Digital Temp Sensor | 1 |
| 28 | Adafruit Accessories Platinum RTD Sensor PT100 - 3 1m wires | 1 |
| 29 | dafruit Accessories Dual Alphanumeric Display - Blue 0.54 Digit Height - Pack of 2 RoHS Compliant | 1 |
| 30 | Adafruit Accessories 5V 2A 2000mA Power Supply UL Listed | 2 |
| 31 | Adafruit Accessories MCX Jack to SMA RF Cable Adapter RoHS Compliant | 1 |
| 32 | Power Management IC Development Tools Raspberry Pi PoE Hat RoHS Compliant | 1 |
| 33 | Optical Sensor Development Tools Adafruit VEML7700 Lux Sensor - I2C Light Sensor | 1 |
| 34 | Development Boards & Kits - ARM AdafruitBrainCraft HAT - Machine Learning for Raspberry Pi 4 RoHS Compliant | 1 |
| 35 | Educational Kits High Current Inductive Charge Kit - 5V @ 1.3A max | 1 |
| 36 | Adafruit Accessories Tiny Thermal Receipt Printer - TTL Serial / USB | 1 |
| 37 | Adafruit Accessories VS1053B MP3/WAV/OGG/MIDI Player & Recorder (CODEC) Chip RoHS Compliant | 1 |
| 38 | Clock & Timer Development Tools AdafruitPiRTC - Precise DS3231 Real Time Clock for Raspberry Pi RoHS Compliant | 1 |
| 39 | Pressure Sensor Development Tools Adafruit MPRLS Ported Pressure Sensor Breakout - 0 to 25 PSI RoHS Compliant | 1 |
| 40 | Adafruit Accessories Data Logging Shield for Arduino w/module RoHS Compliant | 1 |
| 41 | Adafruit Accessories Hook-up Wire Spool Set, 22 AWG | 1 |
| 42 | Adafruit Accessories ITO Coated PET Plastic RoHS Compliant | 1 |
| 43 | Display Development Tools Mini Color PiTFT Ad Blocking Pi-Hole Kit - No Soldering! RoHS Compliant | 1 |
| 44 | Development Boards & Kits - ARM AdafruitPyBadge Starter Kit RoHS Compliant | 1 |
| 45 | Adafruit Accessories Knit Jersey Conductive Fabric RoHS Compliant | 1 |
| 46 | Adafruit Accessories USB Cable A/MicroB - 3ft | 2 |
| 47 | Multiple Function Sensor Development Tools Strain Gauge Load Cell - 4 Wires - 1Kg | 2 |
| 48 | Digital Potentiometer Development Tools Adafruit DS1841 I2C Digital 10K Potentiometer Breakout - STEMMA QT / Qwiic | 1 |
| 49 | Adafruit Accessories DIY Slim Connector Shell MicroB Plug RoHS Compliant | 1 |
| 50 | Adafruit Accessories Cell-phone TRRS Headset - Earbud Headphones w/ Microphone RoHS Compliant | 1 |
| 51 | Adafruit Accessories DC Gearbox Motor - TT Motor - 200RPM - 3 to 6VDC RoHS Compliant | 1 |
| 52 | Adafruit Accessories Official Raspberry Pi Micro HDMI to HDMI Cable - 1 meter long RoHS Compliant | 1 |
| 53 | Adafruit Accessories USB Micro B Female Socket to 5-pin Terminal Block | 1 |
| 54 | Adafruit Accessories Peristaltic Liquid Pump with Silicone Tubing - 5V to 6V DC Power | 1 |
| 55 | Adafruit Accessories IR Break Beam Sensor with Premium Wire Header Ends - 5mm LEDs RoHS Compliant | 1 |
| 56 | Adafruit Accessories Panel Mount USB Cbl A Male to A Female | 1 |
| 57 | Adafruit Accessories Panel Mount Ethernet Extension Cable RoHS Compliant | 1 |
| 58 | Adafruit Accessories JST SH 4-pin Vertical Connector (10-pack) - Qwiic Compatible RoHS Compliant | 1 |
| 59 | Adafruit Accessories 16GB Card with NOOBS 3.1 for Raspberry Pi Computers including 4 RoHS Compliant | 1 |
| 60 | Multiple Function Sensor Development Tools Adafruit MS8607 Pressure Humidity Temperature PHT Sensor - STEMMA QT / QwiicRoHS Compliant | 2 |
| 61 | Bluetooth Development Tools - 802.15.1 Circuit Playground Bluefruit - Bluetooth Low Energy RoHS Compliant | 2 |
| 62 | Memory IC Development Tools Adafruit SPI Non-Volatile FRAM Breakout - 4 Mbit / 512 KBytes - MB85RS4MT RoHS Compliant | 1 |
| 63 | GPS Development Tools Adafruit Mini GPS PA1010D - UART and I2C - STEMMA QT RoHS Compliant | 2 |
| 64 | WiFi Development Tools - 802.11 M5Stack ATOM Matrix ESP32 Development Kit RoHS Compliant | 1 |
| 65 | WiFi Development Tools - 802.11 Assembled Adafruit HUZZAH32 – ESP32 Feather Board - with Stacking Headers RoHS Compliant | 1 |
| 66 | Adafruit Accessories Kelvin Clip | 2 |
| 67 | Adafruit Accessories Conductive Rubber Cord Stretch Sensor RoHS Compliant | 2 |
| 68 | Adafruit Accessories SD/MicroSD 8GB RoHS Compliant | 1 |
| 69 | Development Boards & Kits - ARM AdafruitPyGamer for MakeCode Arcade CircuitPython or ArduinoRoHS Compliant | 1 |
| 70 | Multiple Function Sensor Development Tools Adafruit SGP30 Air Quality Sensor Breakout - VOC and eCO2 - STEMMA QT / QwiicRoHS Compliant | 1 |
| 71 | Adafruit Accessories Pimoroni Skywriter HAT - 3D Gesture Sensor for Raspberry Pi RoHS Compliant | 1 |
| 72 | Adafruit Accessories STEMMA Wired Tactile Push-Button Pack - 5 Color Pack RoHS Compliant | 1 |
| 73 | Adafruit Accessories Thermochromic Pigments - Rainbow Pack (7 Colors) | 2 |
| 74 | Adafruit Accessories USB A to USB C Adapter RoHS Compliant | 1 |
| 75 | Adafruit Accessories Adafruit MONSTER M4SK - DIY Electronic Eyes Mask | 1 |
| 76 | Adafruit Accessories Air Pump and Vacuum DC Motor - 4.5V and 1.8 LPM - ZR320-02PM | 4 |
| 77 | Multiple Function Sensor Development Tools Strain Gauge Load Cell - 4 Wires - 5Kg | 1 |
| 78 | Pressure Sensor Development Tools Adafruit LPS33HW Water Resistant Pressure Sensor - STEMMA QT RoHS Compliant | 1 |
| 79 | Audio IC Development Tools Audio Adapter Board for Teensy 4.0 | 1 |
| 80 | Adafruit Accessories Submersible 3V DC Water Pump - Vertical Type | 2 |
| 81 | Adafruit Accessories GPS Antenna 3-5V 28dB 5 meter SMA RoHS Compliant | 1 |
| 82 | WiFi Development Tools - 802.11 M5Stack Gray Development Kit - ESP32 Dev Board w/ MPU6886+BMM150 | 2 |
| 83 | Robotics Kits Mechanic-Loader for micro: MaqueenRoHS Compliant | 1 |
| 84 | Educational Kits Love to Code - Chibi Clip Starter Kit | 1 |
| 85 | Educational Kits SparkFun Discrete Semiconductor Kit | 1 |
| 86 | Educational Kits Heat Shrink Kit | 1 |
| 87 | Robotics Kits Maqueen Mechanic - Forklift RoHS Compliant | 1 |
| 88 | Educational Kits Programmable-Air Deluxe Kit | 1 |
| 89 | Educational Kits Grove Beginner Kit for Arduino Education Add-on Pack | 3 |
| 90 | Educational Kits Fully Adjustable PCB Clamp Holder - Pros Kit SN-390 | 2 |
| 91 | Educational Kits Pan-Tilt HAT - Full kit RoHS Compliant | 1 |
| 92 | Educational Kits Low Pass Filter Kit | 1 |
| 93 | Educational Kits Picade Plasma Kit - Illuminated Arcade Buttons - 10-button kit | 1 |
| 94 | Educational Kits Programmable-Air Starter Kit | 1 |
| 95 | Educational Kits Raspberry Pi Compute Module 3+ Dev Kit with Two Computer Modules RoHS Compliant | 1 |
| 96 | Educational Kits Membrane 3x4 Matrix Keypad | 2 |
| 97 | Educational Kits WeevilEye Beginner Solder Kit RoHS Compliant | 1 |
| 98 | Educational Kits Frequency Generator Kit - FG085 | 1 |
| 99 | Educational Kits 130-in-1 Electronic Playground | 1 |
| 100 | Gadgets & Gizmos Gemma Sequin Starter Pack RoHS Compliant | 1 |
| 101 | Educational Kits Squishy Circuits Standard Kit | 1 |
| 102 | Educational Kits Electronic Project Pack Electric Paint Lamp Kit RoHS Compliant | 1 |
| 103 | SparkFun Accessories SparkFunMicroMod Input and Display Carrier Board | 1 |
| 104 | Educational Kits BOSON Inventor Kit RoHS Compliant | 1 |
| 105 | Educational Kits Boson Starter Kit for micro:bit(Pre-order) RoHS Compliant | 1 |
| 106 | Piezo Buzzers & Audio Indicators CeraPlas Component Engineering Sample RoHS Compliant | 1 |
| 107 | Solar Connectors / Photovoltaic Connectors SOLAR H4 HELIOS MALE 14 AWG RoHS Compliant | 1 |
| 108 | Solar Panels & Solar Cells Flexible Solar Panel RoHS Compliant | 2 |
| 109 | Solar Panels & Solar Cells Semi Flexible Solar Panel (5V 2A) RoHS Compliant | 4 |
| 110 | Multiple Function Sensor Development Tools VD6283 Nucleo pack X-NUCLEO-6283A1 expansion board STM32F401RE Nucleo board RoHS Compliant | 1 |
| 111 | Optical Sensor Modules Hybrid filter multispectral sensor with light flicker engine RoHS Compliant | 2 |
| 112 | Microsoft’s Azure Sphere MT3620 Starter Kit  | 1 |

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These equipment (software, hardware of required Items) will installed at the lab of the **Department of Textile Engineering**. **OUTR Bhubaneswar.**The bid will be considered on turnkey basis i.e. cost of all items, packing, freight, loading, unloading at our site, insurance, installations and testing together.

**Annexure-I:**

**Technical Bid**

**PRE-QUALIFICATION/ELIGIBILITY**

**PROFORMA-I**

**PARTICULARS OF THE BIDDERS TO BE FURNISHED IN TECHNICAL BID FOR THE PURPOSE OF PRE-QUALIFICATION:**

|  |  |  |
| --- | --- | --- |
| 1 | Name of Organization/Firm/Company |  |
| 2 | Address & Telephone Number |  |
| 3 | Year of establishment |  |
| 4 | Status of the Firm(Company/Firm/Proprietary) enclose the supporting document |  |
| 5 | Whether registered with the registrar of companies/registrar of firms. If so attach the copy of certificate. |  |
| 6 | a)Name& Mobile Number of Directors/Partners/Proprietor | i)ii)iii) |
| 7 | Whether registered GST If so, mention number& date. Furnish also copies of GSTIN registration certificate Mention the GSTIN No. enclose the relevant copies with clearance certificates |  |
| 8 | Whether an assesses of income tax? If so, mention permanent account number. Furnish copy of PAN |  |
| 9 | State Annual turnover of the company.Furnish copies of audited balance sheet & profit & loss account certified by CA.  |  |
| 10 | Specify the specification with brand of testing software and hardwarealong with authorization of OEM/Principal, if required.  |  |
| 11 | Status and details of disputes/Litigation/Arbitration, if any. | i)ii)iii) |

I certify that I meet the eligibility criteria described in section 2 of the technical bid.

Place:

Date: Name, Signature & Seal of Bidder:

**PRE-QUALIFICATION**

**PROFORMA-II**

**PARTICULAR IN RESPECT OF 3 MAJOR SUPPLIES IN LAST 3 YEARS**

**(TO BE FURNISHED IN TECHNICAL BID)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SL.No. | Name of Machine/ | Model | Name and address of owner | Value | Date of Installations. | Stipulated time of completion | Actual time of completion |
| **1** |  |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

**NB: Copies of Work Order / P.O., Completion certificate, Performance certificate must be attached.**

Place:

Date:Signature of vendor

**Annexure-II**

(in the letter head of the bidder)

**PRICE BID**

1. Name of the Firm :

2. Official Address :

3. Contact person with designation :

4. Contact Info: e-mail & Mobile no. :

5. Tax Clearance up to last F.Y :

6. **GST**IN/PAN :

7. The cost should be mentioned in **INR** inclusive of supply installations and testing of these items :

**IMP: (i)** The equipment must be of as per the specifications.

 (ii) Price bid will not be considered for any particular item if make of it is not mentioned.

(iii) Quantity required are approximate which may change during finalization.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Name of the items with technical specifications** | **Qty Reqd.****(approx.)** | **Make & catalogue number** | **Detail technical specifications** | **Rate per unit item in Rs.** | **GST @** **Per unit item in Rs.** | **Total amount in Rs.** |
| 1 | **UNIVERSAL SENSOR KIT, BOARDS LIKE AURDINO, ZIGBEE, LIBIUM** | 1nos/Multiples as per the specs. | (Attach In separate Annexure) | (Attach In separate Annexure) | (Total Price need to be mentioned for all 112 items) |  |  |

 **TOTAL =**

Date:

Place: Signature of the authorized person & seal