



ISLAMIC UNIVERSITY OF SCIENCE & TECHNOLOGY KASHMIR

TENDER NOTICE

For and on behalf of Islamic University of Science and Technology (IUST), Awantipora, sealed tenders affixed with revenue stamp of ₹ 5/- in two bid system are invited from the reputed manufacturers/authorized dealers for supply laboratory equipment as mentioned in the **Annexure–A** of this tender for the **Department of Computer Science & Engineering** of Islamic University of Science & Technology, Kashmir. The detailed tender document can be obtained from the office of **Department of Computer Science & Engineering** or can be downloaded from the University website: www.iust.ac.in and to be submitted by or before **14-03-2025 (03:00 pm)**. Terms and Conditions apply.

Chairman

Departmental Purchase cum Technical Committee
Department of Computer Science & Engineering,
IUST.

No. IUST/DoCSE/OT/Bug/25/

Dated: - 07-03-2025

Copy to:

1. Dean School of Technology.
2. Incharge Finance Officer.
3. University PR Cell, with a request for wide publicity of the tender.
4. File.

GENERAL TERMS & CONDITIONS

The Bidders are expected to go through all instructions, terms & condition as specified in the bidding document. Failure to furnish complete required information or submission of a bid with incomplete information may result in rejection of the bid.

1. The tender duly completed and signed shall be submitted in two sealed envelopes. Envelope A (Technical Bid) and Envelope B (Financial Bid).
2. The Technical Bid (Envelope- A) would be opened first and the tenders found eligible will go for opening of Financial Bid (Envelope-B) on the same day or the day as decided by the DPTC. The Financial Bid (Envelope-B) of in-eligible bidders will not be opened.
3. The supply, transportation, installation and commissioning etc. of the items will be sole responsibility and at the risk of the firm till the acceptance by the University.
4. All the items and other accessories supplies made under this tender notice will be inspected by a Committee specially constituted for the purpose and in case the Committee is of the opinion that the supplies are not of the required specifications, the supplies shall be rejected and responsibility of lifting back the supplies will devolve on the supplier. Besides, in such event, the EMD shall stand forfeited, and the extra cost incurred in arranging the supply from the alternative sources shall also be recovered from the defaulting supplier apart from initiating the proceedings for blacklisting.
5. The University reserves the right to reject or accept any Proposal without assigning any reason or cancel or withdraw the tender. The University reserves the right to relax any condition enumerated or arising out of this tender, without assigning any reason/s thereof. If the supply of the required items are not affected before the specified period, the University shall have the authority to cancel the order or to take any action deemed fit in the circumstances.
6. The EMD may be forfeited:
 - (a) If a Bidder withdraws its bid during the period of bid validity.
 - (b) If at any stage it is proven that the information given by the bidder is incorrect.
 - (c) In case of a successful Bidder, if the Bidder fails:
 - to execute the supply within the stipulated time.
 - if the items are not as per the specifications.
7. The University may, for any reason, whether suo-moto or in response to a clarification requested by a prospective bidder, modify the bidding documents by an amendment, any time prior to the last date for submission of bids.
8. Tenders received after due date, improperly sealed, or with incomplete marking or with overwriting/corrections are liable to be rejected.
9. During evaluation of bids, the University may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted.

I/We hereby declare that the information furnished in the tender is true and correct and also, I/We have gone through the terms and conditions stipulated in the Tender Document and confirm to abide by the same. In case the information provided is found incorrect at any stage, the University may take appropriate action as warranted.

Name and sign of the authorized person of the firm along with seal

Place:

Date:

TENDER DOCUMENT

(ENVELOPE- A (TECHNICAL BID) IT SHOULD CONTAIN THE FOLLOWING:

- a) GST Registration.
- b) Technical specification/ literature for the goods/equipment **Annexure-B.**
- c) Bidders Profile **Annexure-C.**
- d) Warranty Certificate **Annexure-E.**
- e) Proof of legal status.

(ENVELOPE-B (FINANCIAL BID) IT SHOULD CONTAIN THE FOLLOWING:

- a) Bid prices shall be in Indian Rupees (**Annexure-D**).
- b) The rates shall be quoted for Department of Computer Science & Engineering, IUST Kashmir including transportation, installation/commissioning/fixing but excluding GST. GST shall be paid as applicable from time to time.
- c) Bid price should be without over writing; however minor over writing should be clearly signed by the bidder. In case of any discrepancy between price quoted in figures and words, the price quoted in words shall be accepted.
- d) The rates should be covered with transparent tape.

VALIDITY OF BIDS:

Bids shall remain valid at least for 90 days from the date of opening.

EVOLUTION OF BIDS

IUST shall evaluate and compare the bids which are found substantially Responsive. i.e which are

- Properly signed.
- Conform to terms and conditions and technical specifications.
- Accompanied with Bid security and all other documents.
- Bids shall be evaluated separately for each item.

AWARD OF CONTRACT

- a) Contract shall be awarded to the bidder whose bid is commercially, technically responsive and offered at lowest evaluated price.
- b) Successful bidder shall be informed about the award of the contract where in terms and conditions of supply shall be incorporated.

DELIVERY PERIOD:

Delivery of items under this tender has to be made within a period of 04 weeks from the date of issuance of supply order.

PAYMENT :

100% payment shall be made against delivery of items, successful verification/inspection of items by the University Verification Committee.

WARRANTY :

All items shall carry comprehensive standard warranty of one year (**Annexure-E**).

SETTLEMENT OF DISPUTES :

Settlement of any dispute will be made under the jurisdiction of Srinagar court only.

SUBMISSION OF BIDS

The tender duly completed and signed shall be submitted in sealed envelopes. The two envelopes Envelope A (Technical Bid) and Envelope B (Financial Bid) should be kept in separate one envelope. The sealed cover upper-scribed "**Tender notice for supply of Lab Equipments for Department of Computer Science & Engineering**" shall be addressed to the **Chairman Departmental Purchase cum Technical Committee** Islamic University of Science and Technology, Kashmir and shall be submitted on or before **14-03-2025 03.00 pm**.

BID OPENING

- a) The Technical Bid (Envelope- A) would be opened first and the tenders found eligible will go for opening of Financial Bid (Envelope-B) on the same day or the day as decided by the DPTC. The Financial Bid (Envelope-B) of in-eligible bidders will not be opened.
- b) Interested bidders can attend the bid opening occasion.

Annexure-A
Schedule of Requirements

S.No		Qty.
1	<p>Bionic Dog</p> <p>Puppy Pi Quadruped Robot with AI Vision Model: Ultimate Raspberry Pi: 5 with 8 GB [Driven by Raspberry Pi and Coreless Servos] PuppyPi is an AI vision quadruped robot driven by Raspberry Pi 4B/5 and built on the Robot Operating System (ROS). It is equipped with 8 stainless steel coreless servos, delivering high-precision performance, rapid rotation speed, and a robust torque of 8KG.cm. With an IMU sensor, PuppyPi can detect its posture in real-time, enabling self-balancing capabilities.</p> <p>[AI Vision, Unlimited Creativity] PuppyPi is equipped with an HD wide-angle camera boasting 100W-pixel resolution. It utilizes OpenCV library for efficient image processing, enabling a diverse range of AI applications, including target recognition and localization, line following, obstacle avoidance, face detection, ball shooting, color tracking and tag recognition.</p> <p>[Various Control Methods and FPV Live Camera Feed] You can conveniently control PuppyPi through WonderPi app available for Android and iOS devices, PC software, or a wireless PS2 handle. Additionally, PuppyPi Pro provides a first-person perspective experience by transmitting the live camera feed to the app.</p> <p>[Gait Planning, Free Adjustment] PuppyPi incorporates inverse kinematics algorithm offering precise control over the touch time, lift time, and lifted height of each leg. You can easily adjust these parameters to achieve different gaits, including ripple and trot. Additionally, PuppyPi Pro provides detailed analysis of inverse kinematics, along with the source code for the inverse kinematics function.</p> <p>[Lidar and Robot Arm Expansion] PuppyPi Pro supports TOF Lidar and robot arm expansion, enabling 360° environment scanning, SLAM navigation, and dynamic obstacle avoidance. With visual sensing, it can precisely grasp and transport small objects, offering ample opportunities for creative expansion.</p>	03
2	<p>Programmable Drone</p> <ul style="list-style-type: none"> • Type: Professional Drone • Control Range: 25 • Battery Type: AA Battery • Weight: 150 g • Typology: mini drone • Control: commands and mobile application • Connectivity: Wi-Fi and Bluetooth • Compatibility: Android and iOS <p>Aircraft</p> <ul style="list-style-type: none"> • Weight: 80 g (Propellers and Battery Included) • Dimensions: 98x92.5x41 mm • Propeller: 3 inches • Built-in Functions: Range Finder, Barometer, LED, Vision System, 2.4 GHz 802.11n 	04

	<p>Wi-Fi, 720p Live View</p> <ul style="list-style-type: none"> • Port: Micro USB Charging Port <p>Flight Performance</p> <ul style="list-style-type: none"> • Flight Distance: 100m • Max Speed: 8m/s • Flight Time: 13min • Max Flight Height: 30m <p>Camera</p> <ul style="list-style-type: none"> • Photo: 5MP (2592x1936) • FOV: 82.6° • Video: HD720P30 • Format: JPG(Photo); MP4(Video) • EIS: Yes <p>Battery</p> <ul style="list-style-type: none"> • Detachable Battery: 1.1Ah/3.8V • Battery Life: 1.1Ah/3.8V <p>Special Features</p> <ul style="list-style-type: none"> • Throw & Go: Start flying by simply tossing Tello into the air. • 8D Flips: Slide on screen to perform cool aerial stunts. • Bounce Mode: Tello flies up and down from your hand automatically. • No. of Antennas: 2 	
3	<p>IoT/Robotic Kits</p> <p>Raspberry Pi 5Mp camera</p> <p>Arduio UNO R4 WIFI</p> <p>Ultrasonic distance sensors</p> <p>Metal Gear DC Motor</p> <p>PWM Motor Speed Controller With Potentiometer</p> <p>Moter driver shield I293D</p> <p>Raspberry Pi 5 Model B 8gb ram</p> <p>Wio-E5 Dev Kit, for Long Range Application</p> <p>Precision NFC/RFID Controller</p> <p>Bluetooth modules HC-05</p> <p>Bluetooth modulesHC-06</p> <p>Soldering Mat</p>	02

Bidder's Profile to be placed in Envelope A (Annexure-C)

Name of the firm:- _____

Tender for supply of _____

Tender No. & Date: - _____

Technical specification/ literature attached:-

Yes/No

GST certificate attached:-

Yes/ No

Registration/ Authorization Dealership/
Manufacturer certificate attached:-

Yes/ No

Revenue stamp affixed.

Yes/ No

Rates covered with transparent tape:-

Yes/ No

Bid document fee deposited:-

Yes/ No

Bid Security enclosed:-

Yes/ No.

Bid price in Indian Rupees:-

Yes/ No

Bid without correction/overwriting:-

Yes/No

Seal and Signature of
the Bidder

Annexure-D (Price Bid)

S. No	Name of Equipment as per the tender	Price per unit FOR IUST campus Awantipora (Excluding GST*)	Quantity	Total Price

* GST shall be paid as applicable at the time of supply of the items.

Annexure-E

WARRANTY CERTIFICATE

We warrant that everything to be supplied by us hereunder shall be brand new, free from all defects and faults in material workmanship and manufacture and shall be of the highest grade and quality and consistent with the established and generally accepted standards for material of the type ordered, shall be in full conformity with the specifications/drawings of samples if any and shall operate properly. We shall be fully responsible for its efficient operation.

In case of any latent defect or inconsistency due to poor manufacturing/repair and overhaul of the Machinery/Equipment or defective supply not conforming to the specifications if observed at the time of final inspection and thereafter within warranty period ----- months of the date of acceptance, we undertake the guarantee to repair/supply free of cost of defective items up to the final destination and the inland expenses borne by the indenter will be at our cost.

This warranty shall survive inspection and payment for and acceptance of the equipment/machinery shall expire (except in respect of complaints of which the contractor has been notified prior to such date) ----- months in case equipment/machinery after their successful acceptance by the purchaser.

SEAL of manufacturer/supplier.

Dated _____

Signature-----

Name and Address of Manufacturer/Supplier