



# GIK INSTITUTE OF ENGINEERING SCIENCES AND TECHNOLOGY

## REQUEST FOR QUOTATION

Sealed quotations, in Pak rupees on D.D.P basis, are invited from registered suppliers/authorized dealers/distributors and manufacturers for supply of the following items:

S#	Item Description	Annexures
1.	Lab Supplies (HEC NRPU PROJECT)	Detail attached at Annexure- A

Interested parties are requested to consider the following points before submitting their quotations.

- Your **sealed quotations** must be delivered to the office of the undersigned on or before **Monday October 09, 2023, at 12:00 Pm.** Any quotation received later than the scheduled date and time will be rejected and returned unopened.
- All quotations must be valid for a period of Thirty (30) days from the closing date of the Request for Quotation.
- The quotation shall be completed and signed by an authorized representative of the supplier.
- The quoted price should include sales tax or any other taxes as per Govt. Rules (if applicable).
- Delivery will be made to GIK Institute, Topi, Swabi.
- Payment will be made within 2-3 weeks after acceptance of the items subject to deduction of taxes as per law.
- In the case of any arithmetical discrepancy between the unit rate and the total amount quoted, then the unit rate shall prevail both for the evaluation of quotations and for the subsequent purchase order.

**Assistant Director, Procurement Department, GIK Institute, Topi, Swabi (KP)**



Ph: 0938-281026 Ext. 2444, Email: [taufeeq@giki.edu.pk](mailto:taufeeq@giki.edu.pk)

## **ANNEXURE-A**

<b>S#</b>	<b>Lab Supplies</b>	<b>A/C Unit</b>	<b>Qty</b>
1	<b>Intel® Real Sense™ Depth Camera D455</b> including all accessories such as connectors, mounting Mechanism, etc. Detailed justification mentioned in attached sheet	Nos	01
2	<b>Intel® Real Sense™ Depth Camera D405</b> including all accessories such as connectors, mounting Mechanism, etc. Detailed justification mentioned in attached sheet	Nos	01

## Intel® RealSense™ Depth Camera D455

### Technical specification

Use Environment	Indoor/Outdoor
Image Sensor Technology	Global Shutter
Ideal Range	.6 m to 6 m
Depth Technology	Stereoscopic
Minimum Depth Distance (Min-Z) at Max Resolution	~52 cm
Depth Accuracy	<2% at 4 m
Depth Field of View (FOV)	87° × 58°
Depth Stream Output Resolution	Up to 1280 × 720
Depth Stream Output Frame Rate	Up to 90 fps
RGB Frame Resolution	1280 × 800
RGB Frame Rate	30 fps
RGB Sensor Technology	Global Shutter
RGB Sensor FOV	90° × 65°
RGB Sensor Resolution	1 MP
Camera Module	Intel RealSense Module D450
Vision Processor Board	Intel RealSense Vision Processor D4
Form factor	Camera Peripheral
Camera Dimension (Length × Depth × Height)	124 mm × 26 mm × 29 mm
Connectors	USB-C* 3.1 Gen 1*
Mounting Mechanism	<ul style="list-style-type: none"> <li>- One 1/4-20 UNC thread mounting point</li> <li>- Two M4 thread mounting points</li> <li>- Tripod</li> </ul>

# Intel® RealSense™ Depth Camera D405

## Technical specification

Use Environment	Indoor/Outdoor
Image Sensor Technology	Global Shutter
Ideal Range	7 cm to 50 cm
Depth Technology	Stereoscopic
Minimum Depth Distance (Min-Z)	~7 cm @ 480p
Depth Accuracy	<2% at 50 cm
Depth Field of View (FOV)	87° × 58°
Depth Stream Output Resolution	Up to 1280 × 800
Depth Stream Output Frame Rate	Up to 90 fps
RGB Frame Resolution	1280 × 800
RGB Frame Rate	90 fps
RGB Sensor Technology	Lef Imager RGB with ISP
RGB Sensor FOV	87° × 58°
RGB Sensor Resolution	Up to 1280 x 800
Camera Module	Intel RealSense Module D401
Vision Processor Board	Intel RealSense Vision Processor D4 Board v4
Form factor	Camera Peripheral
Camera Dimension (Length × Depth × Height)	42 mm × 42 mm × 23 mm
Connectors	USB 2 USB, C* 3.1 Gen 1*
Mounting Mechanism	– One 1/4-20 UNC thread mounting point – Two M3 thread mounting points