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Enquiry No. TIET/CS/HB/22-23/220786
Date : January 18, 2023

Sub: Request for Quotation(s) for the **Mechatronic Hardware System**

Dear Sir

We shall be grateful if you kindly let us have your lowest **quotations** for the following materials. THE QUOTATIONS SHOULD REACH THE UNDERSIGNED **LATEST BY January 30, 2023 @ 11:00 Am** through **courier or e-mail** accompanied by appropriate illustrative literature/catalogues/pamphlets/technical details, samples and specifications as the case may be. **On the quotation envelope/ subject the Enquiry Number & Date should be mentioned on the top of the Envelope/mail subject.**

Sr. No.	Item Name	Qty.
1.0	Mechatronic Hardware System (Technical Specifications As per Annexure I)	As per Annexure I.

The offer sent by you must furnish the following details:

1. Name, Make & specifications of each item.
2. **Price Breakup itemwise with MRP. (Treat it mandatory)**
3. Educational discount if any.
4. **Validity of quotation should be at least 60 Days.**
5. **GST %**
6. **Delivery FOR Central Stores TIET, Patiala**
7. Insurance, Freight & other charges if any.
8. Minimum Delivery Period.
9. **Payment terms. Net 30 days against delivery & satisfactory installation at Thapar Institute, Patiala.**
10. Guarantee / Warranty Information.
11. **Also please share your Companies Turnover and Market Share along with the offer.**

Regards,

Head Commercial

Technical Specifications

S No		Items	Quantity
1	Mechanical structure and interfacing with DAQ cards	Hiwonder Bionic Robot Hand	02
		Hiwonder uHandPi Raspberry Pi Robotic Hand AI Vision Python Programming-Left Hand	01
		Arduino Uno	03
		RPi3 Kits	02
		Sensors	
2	IMU Based Sensor Modules	Intel® RealSense™ Depth Camera D455	01
3	IMU sensor and Attitude Heading Reference System (AHRS) 800 Hz IMU Data, -40° to +85° C, 0.001° Angular Resolution, Real-time gyro bias tracking and compensation, 0.5° RMS Pitch/ roll	IMU sensor and Attitude Heading Reference System (AHRS) 800 Hz IMU Data, -40° to +85° C, 0.001° Angular Resolution, Real-time gyro bias tracking and compensation, 0.5° RMS Pitch/ roll	01
4	Gyroscope (without gimbals) X 2	Gyroscope (without gimbals) X 2	02
5	Wi-Fi IoT device	Wi-Fi IoT device	01
6	Data acquisition system – NI cDAQ-9174 and DAQ cards	Data acquisition system – NI cDAQ-9174 and DAQ cards	01
7	myRIO (myRIO Student Embedded Device) FEATURES Dual-core ARM Cortex-A9 Processor Analog inputs : 10 Analog outputs : 6 Digital I/O lines : 40 WiFi : Yes Onboard accelerometer : Yes Xilinx FPGA : Yes	NI myRIO Evaluation Kit FEATURES Dual-core ARM Cortex-A9 Processor Analog inputs : 10 Analog outputs : 6 Digital I/O lines : 40 WiFi : Yes Onboard accelerometer : Yes Xilinx FPGA : Yes	01
8	NI myRIO Mechatronics Accessory Kit	NI myRIO Mechatronics Accessory Kit	01