पूर्वोत्तर पर्वतीय विश्वविद्यालय
जिला: पूर्वी खासी हिल्स, शिलांग - 793022
मेघालय, भारत

North-Eastern Hill University
District: East Khasi Hills, Shillong - 793022
Meghalaya, India

Ref: NEHU/BME/2026/ 454

Date: 12/ 4/ 2026.

Notice Inviting Quotation

Quotations in sealed cover are invited from established/reputed suppliers/dealers'/ distributors/authorized agents for supply of Laboratory items in the Department of Biomedical Engineering, NEHU, Shillong as per the details given below: **The last date of Quotation Submission is extended**

Sl.	Item	Make / exact model	Quantity
1	MCU board	Espressif ESP32-S3-DevKitC-1N8R8	2
2	9-DOF IMU	7Semi BNO086	2
3	Flex sensor	Spectra Symbol FS-L-055-253-MP	2
4	16-bit ADC	ADS1115	2
5	Force sensor	Tekscan FlexiForce A301-25	2
6	Load-cell amplifier	SparkFun SEN-13879 HX711	1
7	Load cell	SparkFun SEN-10245	2
8	I²C multiplexer	Adafruit TCA9548A	1
9	Li-Po battery	3.7 V 2000–2500 mAh protected	2
10	Charger/protection	TP4056	3
11	Boost regulator	Pololu U3V12F5	2
12	3.3-V regulator	Pololu / equivalent	2
13	Custom PCB fabrication	2-layer FR4	10
14	PCB components	R/C/diodes/MOSFETs/connectors	1 lot
15	Op-amps	Microchip MCP6002	5
16	Orthotic knee brace	NIVIA Adjustable Knee Support with Velcro, Knee Braces & Sleeves, For Minimum impact on joints and muscles. Available in S | M | L | XL & Black / Red Color , Used for Rehabilitation & Recovery	2
16	Mechanical hardware	SS304 M3/M4 + spacers	1 lot
17	Wires/cables	Silicone + shielded cable	1 lot
18	Connectors	JST-PH/JST-GH	1 lot
19	Enclosure material	ABS/TPU	1 lot
20	Heat-shrink/cable management	-	1 lot
21.	Prototype Consumables	solder, flux, perfboard, headers	1 lot

Terms and Conditions

(i) The quoted price should be inclusive of all taxes and other charges till delivery destination i.e. Department of Biomedical Engineering, NEHU.

(ii) Submission of Catalogue along with quoted rates for the items are mandatory and the selected catalogue of the particular firm will be retained by the department till the items are supplied.

(iii) Interested firms should submit the quotations along with catalogue, trading license, GST return along with relevant certificates.

(iv) The sealed quotations should be submitted to the undersigned on or before **25th November, 2026.**

(Prof. Sirsendu Sekhar Ray)
Head
Department of Biomedical Engineering
NEHU, Shillong

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