

Dear Sir,

Greetings from Malnad college of Engineering Hassan.

We are in the process of implementing the **NAIN 2.0 Project** titled “**Multifunctional borewell rescue robot for enhanced child safety**”, which is currently in the prototype development phase. To facilitate the next stage of the project, we intend to procure the following components and request you to kindly submit your **quotation** based on the details given below:

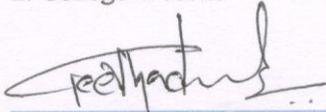
Sl. No.	Description of Items	Quantity
1.	Official Raspberry Pi AI Camera with SONY IMX500 Sensor	1
2.	A8 mini Ultra HD 6X Digital Zoom Gimbal Camera.	1
3.	Hi-Link HLK-LD2410C-P, 24GHz Human Presence Radar Sensor.	1
4.	MQ-7 CO Carbon Monoxide Gas Sensor Module.	1
5.	MQ-4Methane CNG Gas Detector High Sensitivity Module.	1
6.	DHT22 AM2302 Digital Temperature & Humidity Sensor Module.	1
7.	MCP3008 8-Channel 10-Bit A/D Converter with SPI Interface IC DIP-16 Package.	1
8.	DC-DC XL4015 Adjustable Stepdown Module 5A 75W with 4 Bits Digital Display Voltmeter.	1
9.	14AWG Solid core insulated wire Silicone-Black.	8 meter
10.	14AWG Solid core insulated wire Silicone-Red.	8 meter
11.	Female to Female DuPont Line 40 Pin 40cm.	1
12.	Waterproof In Line Blade Fuse with Holders for Car Fuse Replacement	10
13.	DC12V-24V 80A Circuit Breaker for Car Marine Boat Bike Stereo Audio.	1
14.	SAMSUNG INR18650-35E 3500mAh (2c) LI-ION BATTERY.	4
15.	Waveshare Mini Uninterruptible Power Supply module, Supports charging And Power output at the same time, 5V 2.5A Output.	1
16.	MLX90614 ESF IR Non-Contact Temp Sensor.	3
17.	Cytron Maker Drive H-Bridge Motor Driver.	1
18.	12V 4010 Cooling Fan for 3D Printer.	1
19.	HE3D 12V DC 3D Printer 5015 Vortex Turbo Cooling Fan.	1
20.	Two Trees 3010-12V with V6 blue cover.	1
21.	DC12V-24V 250A Circuit Breaker for Car Marine Boat Bike Stereo Audio.	1
22.	Pro-Range SM-05 Smart Digital voltage indicator	1
23.	Aluminium Heat Sink Case with Double Fans for Raspberry Pi 4B - Black.	1

Please quote your best price for the above items under the following terms and conditions:

- Quotation Format:** Kindly provide an item-wise quotation with rate, GST, and total cost.
- Delivery:** The materials should be delivered to Malnad College of Engineering, Hassan.
- Payment Terms:** As per institutional procedure (100% payment after delivery and verification).
- Lead Time:** Please specify the expected delivery period.
- Warranty:** Mention warranty details, if applicable.
- Quotation Validity:** Minimum validity of 90 days from the last date of submission.
- Mode of Submission:** Sealed quotations are to be sent, duly superscribed on the top as “**Quotation for Supply of Components – NAIN 2.0 Project “Multifunctional borewell rescue robot for enhanced child safety”**” Quotations without this superscription will not be considered.
- Closing Date:** The enquiry will be closed by [18-03-2026] without further intimation.

Copy to:-

- O/c
- College Website



Dr. Geetha Kiran A
College Coordinator, NAIN 2.0
MCE, Hassan