

**DEPARTMENT OF MECHANICAL ENGG.
INDIRA GANDHI INSTITUTE OF TECHNOLOGY**
SARANG-759146, DIST: Dhenkanal, Odisha

Ref. No. IGIT/ Mech/580

Date: 18/11/21

Call for Quotation

Dear Sir,

Sealed quotations in company letter head are invited from Original Equipment Manufacturer / Authorized Distributor / Authorized Dealer / Supplier for the articles mentioned below on or before 01.12.2021 (4.30 PM). **Quotation number and date should be superscribed on the sealed envelope** and sent by Registered post / speed post / Postal Service to HOD, Mechanical Engg. Department, INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG-759146, DIST: DHENKANAL, ODISHA, INDIA.

Quotation received after the due date, or without seal shall not be considered. The materials will have to be delivered within 30 days from the date of placing order unless otherwise directed failing which the purchase order is liable to be cancelled.

Photocopy of valid authorization certificate, PAN/TIN card and GST registration are also required to be enclosed. The terms of delivery along with any extra charges e.g. GST etc. & mode of payment should be indicated clearly in the quotation. Payment shall be made after successful installation. The material will be delivered to IGIT Sarang on FOR basis. The bidder should submit the manuals with the quotation.

OPENING OF QUOTATION 02.12.2021 (10.00 AM)

Yours faithfully,


18/11/2021
HOD, Mechanical Engg.
IGIT SARANG

C.C :

1. Professor-in-Charge, Website for upload in IGIT Website.

CONDITIONS

- 1.The materials should be delivered to the principal , Indira Gandhi Institute of Technology Sarang F.O.R destination Ex-Go down as per terms within 02 days of issue of this order
- 2.The materials are to be carefully packed and insured against breakage /pilferage and losses during transit.
- 3.Rate as per your quotation/ as per manufacturers price list should be furnished with usual discount admissible to the educational institution / dispensaries.
- 4.Inspection of goods before delivery shall be allowed to our representative, if allowed.
- 5.Defective supplies will be rejected and returned at the cost of suppliers.
- 6.The supplier to withstand guarantee for a period of one year against all manufacturing defects and during the guarantee period, all the repair/replacements will be done at their cost.**
- 7.Payment will be made by crossed cheque /Bank draft on State Bank of India , IGIT Sarang. Full payment will be made on receipt of materials in good condition & after successful installation.
- 8.No advance will be paid for the above supply.
- 9.Bill prepared in triplicate named Principal, IGIT Sarang.
- 10.Any legal disputes pertaining to the purchase order will be subjected to jurisdiction of concerned courts within the state of Odisha.
11. All correspondences arising out of this order should be addressed to the Principal IGIT Sarang attention to HOD, Mechanical Engg.noting the number and date of order.
12. Valid upto date VAT clearance certificate be submitted along with the bill/ acceptance of the order.
- 13.The firm should furnish PAN copy of the firm.
- 14.Copy of the service tax certificate may be produced, if order is accepted.

APPENDIX-I

Sl. No.	ITEM	SPECIFICATION	QUANTITY	Quoted rate (Including all taxes)	GST %
1.	Hub Motor	36V 350W 300RPM BLDC motor with gear box.	02 set		
2.	Dual motor driver 32A	32A continuous, 64A peak per channel 6-30V nominal, 33.6V absolute maximum 12-bit motor outputs	02 units		
3.	Battery with Charger Unit	36 V, 30 amp hr	01 unit		
4.	Professional driver roller kit	Helps in assembly of rim and wheel.	01 unit		
5.	ROS Lidar	For detecting obstacles. (front,left,right) ranging 20m.	01 unit		
6.	ROS Lidar	For detecting obstacles. (backside) ranging 8m.	01 Nos		
7.	Microphone	Frequency Range: 35-18KHz +/-3dB	02 Nos.		
8.	Low latency transmitter and receiver.	Qi-compatible, Signal/Noise: 78dB Max SPL: 120dB	01 No.		
9.	Hub motor stand	For testing of hub motor	2 Nos.		
10.	Silicon wire	--	5 meter		
11.	Connecting wire	--	10 meter		

12.	Power bank	For camera,controller,microphone (20000mAh 18W Fast PD Charging)	5 Nos.		
13.	Touch pad for controller	To run program in controller.	1 No.		
14.	Extension board	25 amp	1 No.		
15.	Extension board	5 amp	5 No.		
16.	Camera	For live streaming.	1 No.		
17.	Usb driver for camera,mic,sensor.	Driver files for controller board.	1 No.		
18.	Sd card	64gb storage for video recording	1 No.		
19.	Sd card	32gb storage	3 Nos.		
20.	Bread board	For connections	3 Nos.		
21.	Camera extender ribbon	--	4 meters		
22.	Sensor mould	Mould for keeping sensors	1 No.		
23.	Multimeter	10 amp	1 No.		
24.	Raspberry camera v2	5mp camera with lens	1 No.		
25.	Raspberry camera v	5mp camera with lens	1 No.		
26.	ADXL 345	I2C Protocol accelerometer	1 No.		
27.	7 inch lcd for raspberry camera	Compactable with raspberry pi 4	1 No.		
28.	Joystick	ADC protocol	1 No.		

29.	Joystick	I2C protocol	1 No.		
30.	Thermostat	Measure room temperature	1 No.		
31.	Lipo tester	Measure voltage of battery	1 No.		
32.	Raspberry pi 4 4gb	Controller board.	1 No.		
33.	Raspberry pi 4 4gb case	--	1 No.		
34.	Soldering iron	--	2 Nos.		
35.	Soldering flux	--	1 No.		
36.	Signal transmitter	Convert analog signal to digital signal	1 No.		
37.	Aviation switch	--	2 Nos.		
38.	25 amp toggle switch	--	3 Nos.		
39.	Bios and operating system for raspberry pi	Basic software for raspberry pi4.	1 No.		
40.	Fs ct6b with transmitter and receiver.	For controls.	1 No.		
41.	Bmax 80 watt charger.	Charge with AC and DC	1 No.		
42.	Adapter,usb data cable for controller	--	2 Nos.		
43.	Seat with frame, cover and with seat belt	Car Seat	1 No.		
		Total cost			

SIGNATURE OF QUOTATIONER WITH SEAL AND DATE