

GOVERNMENT COLLEGE OF ENGINEERING, KARAD
(An Autonomous Institute of Government of Maharashtra)



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No. GCEK/ ROBOCLUB /ROBOCON/2019-2020/ 887

DATE – 18 / 02 /2020

Subject – Quotation for supply of Electronics Components

Dear Sir,

With reference to above, I have to request you to kindly quote your rates for below mentioned material for **ROBO CLUB, GOVERNMENT COLLEGE OF ENGINEERING KARAD** of this Institute so as to reach this office on or before 25/02/2020 till 5.00 pm. The details are as given below –

SR. NO.	COMPONENT NAME	ITEM NAME AND SPECIFICATION	QUANTITY
1	RELAY BOARD 1 CHANNEL	CHANNEL 5V 10A RELAY MODULE FOR ARDUINO PIC AVR DSP ARM	3
2	RELAY BOARD 2 CHANNEL	5V 2 CHANNEL RELAY MODULE	3
3	RELAY BOARD 4 CHANNEL	4 ROAD/CHANNEL RELAY MODULE (WITH LIGHT COUPLING) 12V	3
4	ATMEGA 328 IC	ATMEGA328P PU PDIP 28 MICROCONTROLLER	4
5	ATTINY85 USB DEVELOPMENT BOARD	ATTINY85 USB DEVELOPMENT BOARD	5
6	ATTINY85 DEVELOPMENT BOARD	DIGISPARK ATTINY85 MINI USB DEVELOPMENT BOARD	5
7	USB TO TTL	FT232RL USB TO TTL 5V 3 3V DOWNLOAD CABLE TO SERIAL ADAPTER MODULE FOR ARDUINO	3
8	ARDUINO PRO MINI	PRO MINI ATMEGA328P 3 3V8M	3
9	TRIMPOTS 10 K	3296W 10K OHM TRIMPOT TRIMMER POTENTIOMETER PACK OF 5	3
10	TRIMPOTS 100	3362P 100 OHM TRIMPOT TRIMMER POTENTIOMETER PACK OF 3	3
11	POWER SWITCH	5A 3 PIN SPDT TOGGLE SWITCH	5
12	PUSHBUTTONS	6X6X5 TACTILE PUSH BUTTON SWITCH	3
13	ROTARY ENCODER	M274 360 DEGREE ROTARY ENCODER MODULE BRICK SENSOR	3
14	LDR	DR 5MM LIGHT DEPENDENT RESISTOR PHOTORESISTOR	3
15	PIEZO BUZZER	HIGH CURRENT ACTIVE ALARM BUZZER DRIVER MODULE	5
16	LASER DIODE	LASER MODULE 650NM 5V	5
17	POWER DISTRIBUTION BOARD	MULTIROTOR ESC POWER DISTRIBUTION BATTERY BOARD QUADCOPTER	5
18	BUCK BOOST CONVERTERS	BOOST BUCK VOLTAGE LM2577S LM2596S DC DC STEP UP DOWN POWER CONVERTER MODULE	5
19	VOLTAGE METER DIGITAL	0 56INCH 0 100V THREE WIRE LED DISPLAY DIGITAL DC VOLTMETER GREEN	2
20	9V BATTERIES	9V ORIGINAL HW HIGH QUALITY BATTERY 10PCS BOX	1
21	MICROSD CARD 16 GB	SANDISK MICRO SD SDHC 16GB CLASS 10 MEMORY CARD UPTO 98MB S SPEED	2
22	JOYSTICK	JOYSTICK MODULE PS2 BREAKOUT SENSOR	3
23	433MHZ TX AND RX RC MODULE	433MHZ RSI WIRELESS TRANSMITTER RECEIVER MODULE	3
24	NRF24	2 4GHZ NRF24L01PALNA SMA ANTENNA WIRELESS TRANSCEIVER COMMUNICATION MODULE 1KM	3
25	BLUETOOTH	HC 05 6PIN BLUETOOTH MODULE WITH BUTTON/	5
26	ESP01	ESP 01 ESP8266 SERIAL WIFI WIRELESS TRANSCEIVER MODULE/	5

	ZIGBEE	ZIGBEE XBEE MODULE S2C 802 15 4 2MW WITH WIRE ANTENNA XB24CZ7WIT 004	3
28	SD CARD MODULE	MICRO SD CARD MODULE	2
29	TB6612FNG	MOTOR DRIVER TB6612FNG MODULE PERFORMANCE ULTRA SMALL VOLUME 3 PI MATCHING PERFORMANCE ULTRA L298N	5
30	MDD10A	DUAL CHANNEL ENHANCED 13AMP DC MOTOR DRIVER 30A PEAK	6
31	MD20A	CYTRON 20AMP 6V 30V DC MOTOR DRIVER MD20A	4
32	ZERO BOARD	1218 CM UNIVERSAL PCB PROTOTYPE BOARD DOUBLE SIDE	3
33	DISTANCE SENSORS IR, LASER	SHARP IR DISTANCE MEASURING SENSOR UNIT 4 30 CM CABLE	5
34	IR DISTANCE 20 150 CM	SHARP DISTANCE MEASURING SENSOR UNIT 20 150 CM GP2Y0A02YK0F	5
35	IR DISTANCE 10 80 CM	SHARP DISTANCE MEASURING SENSOR UNIT 10 80 CM GP2Y0A21YK0F	5
36	IR SENSORS	TCRT 5000	25
37	LIPO CHARGER	IMAX B6AC V2 PROFESSIONAL BALANCE CHARGER DISCHARGER	1
38	I2C MODULE	IIC2C SERIAL INTERFACE ADAPTER MODULE	5
39	6S BATTERY	ORANGE 4200MAH 6S 35C/70C LITHIUM POLYMER BATTERY PACK (LIPO)	2
40	LINE SENSOR ARRAY	AUTO-CALIBRATING LINE SENSOR LSS05	3
41	PS2 SHIELD FOR ARDUINO	CYTRON ARDUINO PS2 SHIELD	2
42	LIDAR TFMINI	TFMINI LIDAR LASER RANGE FINDER PIXHAWK COMPATIBLE	10
43	TINY LIDAR LASER RANGING SENSOR	TINY LIDAR LASER RANGING SENSOR TOF BASED ON VL53L0X 2 METERS RANGE	4
44	QUADRATURE ENCODER 2400 CPR	ROTARY QUADRATURE ENCODER 600PPR/2400CPR	2
45	QUADRATURE ENCODER 360 CPR	TWO PHASE INCREMENTAL OPTICAL ROTARY ENCODER 360PPR	4
46	DC PLANETARY GEARED MOTOR 750 RPM	PLANETARY IG52 GEARED DC MOTOR 24V 750RPM 100W	4
47	DC PLANETARY GEARED MOTOR 60 RPM	PLANETARY IG52 GEARED DC MOTOR 24V 60RPM 100W	3
48	DC PLANETARY GEARED MOTOR 25 RPM	PLANETARY IG52 GEARED DC MOTOR 24V 25RPM 100W	1
49	HIGH TORQUE DC 100 RPM	MEGA TORQUE PLANETARY DC GEARED MOTOR 250W 100RPM 18VDC	1

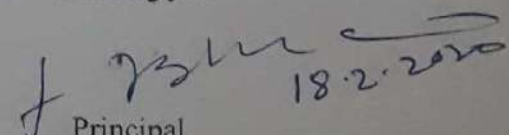
Your quotation should be valid for at least 30 days from the date of opening. The quotation should be sent to **"The Principal, Government College of Engineering, Karad"** in sealed envelope superscripted with word **"Quotation for supply Electronics Components for ROBO CLUB, GOVERNMENT COLLEGE OF ENGINEERING-KARAD"** due on **25-02-2020**. The Institute does not bind itself to accept or reject the quotation. Please note that if there is any over-writing in the quotation, the said term will not be taken into consideration.

Terms and Conditions:

1. Quotation validity for at least 30 days from the date of opening.
2. Delivery period 4 weeks from date of supply order.
3. Payment 100% after delivery and satisfactory acceptance.
4. Warranty 12 months or more.
5. Total amount will be considered for final call for quotation.

The quotation will be opened on **26-02-2020 at 11.00 a.m.**
Specification are as enclosed.

Thanking you.


Principal,
Govt. College of Engineering, Karad.