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Govt. of Maharashtra  
**GOVT. COLLEGE OF ENGINEERING, KARAD**  
(An Autonomous Institute of Govt. of Maharashtra)  
Vidyanagar, Karad -415124 Dist.- Satara

No. GCEK/ Mech./2025/ 141

Date: 9 JAN 2025

To,  
College Website/Notice Board

**Sub: - Quotation Invitation for purchase of electronic components for SAE TIFAN**

With Reference to the subject maintained above, you are requested to quote your rates for the Supply for purchase of electronic components for SAE TIFAN for this Institute. The details are as per list attached. Your quotation should reach this office on or before 17/01/2025 Prices should be quoted F.O.R. Institute (Karad). Rate should be quoted with all taxes stated separately. Your Quotation will be valid up to 90 days from the date of opening. The quotation should be sent in sealed envelope. On the top of envelop should write

**“QUOTATION FOR GOVT. COLLEGE OF ENGG. KARAD DUE ON 17/01/2025”**

Sr. No.	Name of Equip.	Qty	Per Unit Cost	Total Cost
1	TowerPro MG995 Plastic Gear Servo Motor with CNC Aluminum Steering Servo Horn Arm	8		
2	Orange DC Planetary Gear Motor PG56/63ZY125-2440-55k 183KG.CM	1		
3	HD Planetary DC Geared Motor 438 RPM 29.5N-CM 12V with Encoder	2		
4	Cytron Enhanced 13Amp DC Motor Driver 30A peak (10 seconds) MD10C	3		
5	16-Channel 12-bit PWM/Servo Driver I2C interface PCA9685 for Arduino Raspberry Pi	6		
6	Rtelligent R42S open loop stepper driver	2		
7	STM8S105K4T6 Minimum System Board Microcomputer STM8 ARM Core Board	5		
8	Atmega16U2 Mega 2560 R3 Improved Version CH340G + Cable for Arduino Mega 2560 + transparent acrylic case for Arduino Mega 2560	3		
9	ESP32 38Pin Development Board WiFi+Bluetooth Ultra-Low Power Consumption Dual Core	2		
10	Raspberry Pi 4 Model-B with 4 GB RAM	1		
11	Reyax RYLR896 868/915MHz LoRa® Antenna Transceiver ModuleDIP Version	4		
12	SIM800A Quad Band GSM/GPRS Module with RS232 Interface	1		
13	NEO-6M GPS Module with EEPROM Normal Quality	2		

14	SanDisk Micro SD/SDHC 8GB Class 4 Memory Card	2		
15	M274 360 Degree Rotary Encoder Brick Sensor Module	5		
16	Sandisk Ultra Dual Drive 32GB USB + Type C Pendrive	1		
17	Waveshare 4inch RPi LCD (A), 480×320	1		
18	CH340G USB To TTL(Serial) Converter For Arduino Nano Raspberry Pi	2		
19	MAX7219 8 Digit Led Tube Display Control Module	2		
20	20A Intelligent LCD Solar Controller with USB Output Port	1		
21	HTRC-P10 Smart Battery Charger	1		
22	DS-450-Push Button Latching Switch 10mm -2Pin (OFF-ON)	15		
23	Red Mushroom Cap LAY37-, 11ZS 1NO 1NC DPST, Emergency Stop Push, Button Switch AC 690V 10A, Switch Equipment Lift, Elevator Latching Self Lock	2		
24	5 x 7 cm Universal PCB Prototype Board Double-Side – 2pcs	10		
25	MB102 830 Points Solderless Prototype PCB Breadboard High Quality	3		
26	Bonka 22.2V 2500mAh 35C 6S Lithium Polymer Battery Pack	1		
27	200W 20A DC-DC Buck Converter Step Down Module Constant Current LED Driver Module	4		
28	LM2596S DC-DC Buck Converter Power Supply	10		
29	Assorted Resistor Kit-210 Pcs.	2		
30	ORANGE 200PCS 0.1uf 50V-220uF 10V Electrolytic Capacitors Kit	1		
31	HTC 830L+ Digital Multimeter	1		
32	3V 5MM Green LED Metal Indicator Light with 20CM Cable (Pack of 5)	1		
33	5V Active Electromagnetic Buzzer (Pack of 5)	1		
34	Mini Endstop Limit Switch with 1M Cable	10		
35	Motherboard, PCB, Breadboard Jumper Cable 26AWG Red – 50Pcs	2		
36	3 Pin JST XH 2.54mm Pitch Plug and Socket with Cable – 10 Pcs.	3		
37	High Quality Ultra Flexible 30AWG Silicone Wire – Red	100 meters		
38	Cable For Arduino UNO/MEGA (USB A to B)-50 cm	3		
39	USB to Micro USB Cable wire 1M for NodeMCU	3		
40	Cable for Arduino Nano (USB 2.0 A to USB 2.0 Mini B) 30cm	3		
41	5V 3A USB to Type C Cable With ON/OFF Switch Power Control for Raspberry Pi 4B (1 Meters Black)	2		
42	Male to Male Jumper Wires 40Pcs 20cm	2		

43	Male to Female Jumper Wires 40Pcs 20cm	2		
44	20CM DuPont Wire Color Jumper Cable 2.54mm 1P-1P Female to Female 40PCS	2		
45	1×40 Pin 2.54MM Berg Strip Male Connector – 10pcs	1		
46	2mm Pitch Female Berg Strip 40×1-2Pcs.	2		
47	eSUN PLA+Refill filament, 1.75mm, Black, 1kg/roll	1		
48	Nylon Cable Zip Ties 100mm (100pcs/Bag)-2Pcs	2		
49	All Purpose Hot Melt Glue Sticks for Glue Gun – 5pcs	2		
50	8 x 8mm 1m Cable Drag Chain Wire Carrier	3		
51	Plusivo Soldering Kit With Diagonal Wire Cutter	1		
52	Noel FLUX soldering paste-10g-1Pc	6		
53	Soldering Wire 1.0mm 100g	3		
54	Multitec 150b Wire Stripper and Cutter	3		
55	Taparia Bit Driver Set BS31	2		
56	Taparia KHI-10V Steel 10 Allen Key Set with Black Finish Hanger Packing	2		
57	Bosch High Quality 13 Pcs HSS Drill Bits	1		
58	Taparia Stainless Steel 1/4 ” Square Drive Socket Set ( S1/4H )	1		
59	Freemans CL Snap Off Cutter	2		
60	Freemans LONG NOSE PLIER	1		
61	MGN15H Linear Guide Rail – 0.5M with Sliding block	5		
62	EasyMech Universal Bracket (BEND) For IG42/IG45, Tauren and PGM45775 Planetary DC Geared Motor	3		
63	EasyMech Bracket for Orange PG28M395 Series Planetary DC Geared Motor (Bend)	3		
64	EasyMech 8×10 Aluminium Rigid coupling	3		
65	EasyMech ID-8mm Motor Coupling Hub (Small)	2		
66	10mm Inner Diameter Zinc Alloy Pillow Block Flange Bearing FL000	30		
67	694ZZ Bearing 4x11x4 Stainless Steel Shielded Miniature Bearings – 2 Pcs	10		
68	6200ZZ Bearing 10x30x9 Shielded Miniature Ball Bearings (4pcs)	2		
69	Aluminum GT2 Timing Pulley 20 Tooth 8mm Bore for 6mm Belt – 2Pcs	10		
70	Aluminum GT2 Timing Pulley 40 Tooth 8mm Bore For 6mm Belt	5		
71	1M GT2 Width 6mm Black Open Timing Belt For 3D Printer	5		
72	EasyMech Set of M3 X 30MM Socket Head Cap (Allen) Bolt and Nut-12 pcs.	3		
73	EasyMech M3 MS Plain Washer-100pcs.	2		
74	EasyMech M3 SS Hex Nut – 50 Pcs.	2		

75	EasyMech M3 X 8MM Socket Set Screws (Allen Grub) - 15 pcs	4		
76	EasyMech M3 MS Nyloc Nut-25pcs.	2		
	<b>GST</b>			
	<b>Total Amount</b>			

The quotation will be opened on 18/01/2025 at 11:00 AM or next working day.

*Kus*

(Dr. V.N.Kulkarni)  
Principal,

Government College of Engineering, Karad

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**Terms and Conditions:**

1. Quotation should be submitted in sealed envelope. Should be sent to The Principal, Govt. College of Engineering, Karad. The goods should be supplied F.O.R. Institute
2. Quotation Valid for 90 days from the date of opening.
3. Delivery Period 8 Week from the date of PO
4. 100% Payment after Delivery.
5. The undersigned reserves the right to accept or reject any offer or all offers without assigning any reason thereof.