



राष्ट्रीय प्रौद्योगिकी संस्थान - आंध्रप्रदेश
NATIONAL INSTITUTE OF TECHNOLOGY ANDHRA PRADESH
Near National Highway No. 16, Kadakatla, Tadepalligudem – 534101
West Godavari District, Andhra Pradesh

Ref. No.: NITANP/SMMD/TENDER/2023-24/110

Date: 04.03.2024

TENDER ENQUIRY

Sub: Supply of Consumable Components for Electrical Engineering labs- Quotation invited –Regd.

Please send your lowest quotation for the above item as per the details attached in **Annexure-1**. The quotation is to be sent in a sealed envelope to the following address:

**C/o Tender Box
Material Management & Disposal Section,
Sardar Vallabhbhai Patel Administrative Building
NATIONAL INSTITUTE OF TECHNOLOGY, ANDHRA PRADESH,
Near National Highway No. 16, Kadakatla,
TADEPALLIGUDEM – 534101
West Godavari District, Andhra Pradesh.**

The quotation has to be sent by Post (Ordinary / Register / Speed Post) or drop in Tender Box physically. (Any other mode will not be accepted)

The envelope must be superscribed as "**QUOTATION**" at the center of the envelope and the above **reference number at left top** along with the name of the tender on the envelope. Quotations without the above superscription **will not be accepted**.

The last date to receive the sealed quotation is 19.03.2024

Annexure-1

S. No.	Name of goods & specifications	Quantity
1.	Resistors: 100 OHM	500
2.	220 OHM	500
3.	1 KOHM	500
4.	10 KOHM	500
5.	100 KOHM	500
6.	470 KOHM	500
7.	15 KOHM	500
8.	2.4 KOHM	500
9.	Resistors - 4.7, 10, 47, 150, 100, 150, 270, 330, 470, 1k, 2.2k, 3.3k, 4.7k, 5.6k, 6.8k, 10k, 22k, 33k, 47k, 56k, 68k, 100k, 150k, 220k, 330k, 470k, 560k, 680k, 1M, 2.2, 27, 39, 75, 180, 390, 820, 1.2k, 1.5k, 2.7k, 8.2k, 12k, 15k, 18k, 27k, 39k, 82k, 120k, 100k, 270k, 390k, 360k (each 500, 1/4 watt=51*500=25500)	25500
10.	Capacitors - 0.22uF, 0.33uF, 0.47uF, 0.68uF, 1uF, 33uF, 2.2uF, 3.3uF, 4.7uF, 330uF, 470uF (each 500, electrolytic capacitors below 50V range=11*500=5500)	5500
11.	Timer: IC 555	28
12.	Op Amps: LM741	28
13.	Connecting Wires: MALE TO MALE	10
14.	MALE TO FEMALE	10
15.	Single lead wires 2 bundle(2 colour)	10
16.	banana plug to jumper male	10
17.	Propellers (Orange HD Propellers 1045(10X4.5) ABS Black 1CW+1CCW-1pair)	40
18.	T Plug connectors (Embedded kart 10 Pairs Red Ultra T Plug Connectors Deans Style For RC LiPo Battery Male and Female + (20 Pack) Shrink Tubing)	22
19.	DC motors (Single Shaft 300RPM BO Motor with Wheels (2pcs)+frame+caster wheel+nut bolt)	50
20.	ESP32	51
21.	esc (SimonK 30A BLDC ESC Electronic Speed Controller with Connectors)	50
22.	Gps module (gps module neo -8m)	15
23.	Transmitter and Receiver (Flynky FS-i6X 2.4GHz 6CH AFHDS 2A RC Transmitter With FS-iA10B 2.4GHz 10CH Receive)	10
24.	2 pin plugs (16A)	10
25.	3 pin plugs (16A)	10
26.	1.5 Sq. mm Polycab Industrial cable	3
27.	Testers	5
28.	Wire Cutter	5
29.	Single MCB (20A)	5
30.	Sand Paper	10
31.	LCR meter	2

32.	Hand tool kit	1
33.	Screw Driver machine	2
34.	Fluke Multi Meters	6
35.	Rhesostats wire wound 570 ohm/above 2A	2
36.	Rhesostats wire wound 100 ohm/10A	2
37.	3-pin socket to 2-pin converter	12
38.	9V batteries	50
39.	DSO Voltage probes	10
40.	4mm Banana pins 16A (Red, Yellow, Blue) MALE	60
41.	2mm Male banana pins (Red, Yellow, Blue)	60
42.	1.5V AA Battery	30
43.	1.5v AAA Battery	30
44.	CD4027BE	20
45.	Skyper 32R Driver Core	4
46.	Robodo M119 12 Volt 100 Watt MY6812 Electric Motor with Sprocket	5
47.	INVENTO 2pcs SS304 Rustproof Stainless Steel Threaded Rod M4 4mm OD 600mm (0.6 mtr) Long for 3D Printer CNC Robotics Machines DIY Projects	20
48.	INVENTO 4Pcs M6 nut 1mm Pitch 6mm T Nut Brass round Flange Single Nut for 3D Printer CNC Robotics	20
49.	MINSALES -608-2RS-Double Shielded Miniature Ball Bearing, for 3D Printers, Robotics, DIY Projects Pack of 20 Pcs	50
50.	INVENTO 2Pcs 6x8mm Motor Jaw Shaft Coupler Aluminum 6mm to 8mm Rigid Self Centering Coupling for 3D Printer Z Axis Nema 17 Stepper Motor DIY	4
51.	3DINNOVATIONS Build Surface for Creality Ender 3/ Ender 3 Pro, 3D Printer Heat Bed Platform Sticker Sheet 300*300mm (Pack of 1)	2
52.	glass fuses 10A	100
53.	Jumpers(male- female)	500
54.	Johnson Motor High Torque DC (12V 10RPM - GRADE A)	4
55.	Arduino Uno R3 (ATmega328.)	10
56.	Motor Driver Module (L298N 2A)	10
57.	R365 DC PUMP (R365)	10
58.	STM32F407VG	15
59.	PCB BOARD (5*7)	10
60.	Pot Resistors 0 to 10K,2A	100
61.	2 INPUT AND GATE: 7408LS	200
62.	2 INPUT NOT GATE: 7404LS	200
63.	2 INPUT OR GATE: 7432LS	200
64.	2 INPUT NAND GATE: 7400LS	200
65.	2 INPUT NOR GATE: 7402LS	200
66.	2 INPUT EX OR GATE: 7486LS	200
67.	3 INPUT NAND GATE: 7410LS	200
68.	Alen Key Set Tapararia	1
69.	Digital 1080 Trms Clamp Meter Made Mecor	3

70.	6 sq mm legs	100
71.	Banana pins 16A (Red, Yellow, Blue)	100
72.	Bosch GSB 500W 10 RE Professional Corded-Electric Drill Tool Kit, MS & Plastic (Blue, Set of 100 Tools), 1 - 10 mm Chuck Capacity	1
73.	Spanner Set Socket Set Wrench Set Tools Set Hand Tools Bike Tool Kit Set Socket Wrench Set Spanner Set All Size Tool Kit Goti Pana Set - Box	1
74.	Glass Fuse: 250V, 0.5A	20
75.	Glass Fuse: 250V, 1A	20
76.	Glass Fuse: 250V, 3A	20
77.	Glass Fuse: 250V, 5A	20
78.	Batteries : 9V	30
79.	4 Sq. mm Polycab Industrial cable	4
80.	Breadboards	50
81.	Soldering Iron Kit With 5 Different Soldering Tips, 80W/220V Temperature Adjustable Soldering Iron With Digital Display Screen, Temperature Range 200-500°C, Fast Heating Solder Iron	5
82.	Soldering Lead : 1Kg	1
83.	GVC 24Volt 7.5AH Electric Cycle Lithium-ion use for Electric Bicycle, Model Boats and Some RVs with Elaborate Solar Systems	1
84.	Jumper Wires	50
85.	Multi Meter Probes	18
86.	Ignition Sensor	5
87.	LDR Sensor	6
88.	PIR Sensor	5
89.	IR Sensor	5
90.	ULTRA SONIC SENSOR-HC SR04	5
91.	MAX232 IC	5
92.	DHT11 Temperature and Humidity Sensor Module for Arduino, Raspberry Pi	20
93.	MPU9250 9-AXIS GYRO ACCELEROMETER MODULE	5
94.	STM32F103C8	5
95.	Arduino UNO	5
96.	Push Button	10
97.	104AEC	100
98.	Buffer IC CD4050	100
99.	Arduino Keypad	5
100.	10K potentiometer	5
101.	EM-18 RFID Reader module	5
102.	RFID cards	7
103.	NODE MCU ESP8266	5
104.	BUZZER	5
105.	2 digit 7 segment display	5
106.	AVR programmer	5
107.	Microcontroller Unit Board (Atmega8A)	5

108.	dc motor with gear	5
109.	Servo motor	5
110.	LCD Display	5
111.	STM32F401RET6 Microcontroller	2
112.	AC Voltage Sensor Module	5
113.	ACS712 - 30A Range Current Sensor	5
114.	Resistor Kit box	5
115.	Arm STM32F103C8	5
116.	HC-05 Bluetooth Module	5
117.	HCF4098BE IC	15
118.	10k Ohm 3590S Bourns Precision Multiturn Potentiometer	10
119.	4 Channel relay module	5
120.	16 Pin IC Base	50
121.	NUCLEO-F401RE STM32	5
122.	GPS Module (GY-NEO6MV2 XM37-1612 GPS Module)	10
123.	16x2 LCD Display	5
124.	Relay Module 2CHANNEL	5
125.	STM 32F401 RE nucleon board	5
126.	LM 35 Temperature Sensor	5
127.	SKM150GB12T4	10
128.	4WD DOUBLE LAYER SMART CAR CHASIS KIT	15
129.	LM75-SMPS (5V TO 24 V)	5
130.	MY1016 24V 250W DC Motor High Speeds Small Brush Motor For ebike e-bike	3
131.	Brushed Controller, E-Bike Brush Controller 24V 250W Brush Motor Controller Electric Bike Brush Controller for Electric Bicycle E-Bike Tricycle	3
132.	SNA Throttle 24v 36v 48v 60v 72v Electric Scooter ebike Throttle Get high standard 3 Speed	5
133.	25H CHAIN FOR E BIKE	5
134.	25H SPROCKET 55T FOR E BIKE	2
135.	LRSA 24 8AH LITHIUM ION BATTERY FOR ELECTRIC BIKE	2
136.	12V/24V EBIKE TWIST THROTTLE GRIP ACCELERATOR	2
137.	6 INCH WHEELS WITH HUB AND 2 BARINGS 6202 HEAVY DUTY TUBE 6 TO 10 INCH	2
138.	ROBO HAND CHASIS	2
139.	32 IN 1 INTERCHANGEBLE MULTI PURPOSE SCREW DRIVER SET	10
140.	6 IN 1 PC SCREW DRIVER KIT WITH MULTI PURPOSE TOOL LSET	5
141.	26 PCS ALLEN KEY WRENCH SET	2
142.	10 KINDS OF STAINLESS-STEEL SCREWS MACHINE SMALL SIZE SET WITH BOX	2
143.	NIPPER CUTTER	5
144.	STRIPPER CUTTER	5
145.	GLUE GUN	2

146.	SKM75GB12T4	7
147.	Soldering iron Station with different tips	2
148.	8 Pin IC Base	50
149.	Blower Machine for dust removal in small Areas	2
150.	Soldering Remover	5
151.	TL082C	100
152.	PAM8610 Audio Stereo Amplifier Board 2X10W Dual Channel D Class	10
153.	Electronic Spices Full Range Audio Speaker 2 inch 53 mm 8 ohm 3 W Loudspeaker for Stetron 2pcs	20
154.	5 Volt 2 Amp Power Adapter takes an AC INPUT of 100-240V	10
155.	Switches	20
156.	Sockets with Box	20
157.	9W LED BULB	10
158.	Lithium Ion Battery(5V-7V) - 2200mah	10
159.	Lithium Ion Battery(11V) - 3300mah	5
160.	Lithium Ion Battery (3.36V)	50
161.	Lithium-Ion Battery Holder (3.36V)	24
162.	Fenix ARE-A4 Battery Charger	1
163.	ROBUKART-B3 Lithium Polymer (LiPo) Battery Charger for 2S-3S Lippo	5
164.	1-8S Lippo Li-ion Fe Battery Voltage 2IN1 Tester Low Voltage Buzzer Alarm	5
165.	JAIVIK STORE 3Series Lithium Battery Capacity Indicator Module Lead-Acid Ni-MH 11.1V 12V 12.6V 4 Sections Blue LED Display Electric Vehicle Battery Power Tester Li-po Li-ion	10
166.	NEO-6M GPS Module with EPROM	5
167.	SIM900A GSM GPRS Module with RS232 Interface and SMA Antenna	5
168.	Infrared IR Wireless Remote Control Module Kit for Arduino	5
169.	ATMEGA64A - AU Microcontroller - (SMD TQFP Package) - 8-Bit 64 Pin 64KB Flash Microcontroller	5
170.	1.8V 3V 5V 6V 12V 2A Low Voltage DC Motor Speed Controller PWM 1803BK Adjustable Driver Switch Motor Speed Regulator	10
171.	5V 2A Wireless Power Supply Transmitter Receiver Charging Coil Module	10
172.	Ultrasonic Transmitter and Receiver Pair - 40Khz Transducer	50
173.	Piezoelectric Sensor Transducer 35mm Dia	10
174.	Bosch Professional GWS 600 Angle Grinder - 670W, 100mm, M10 (Blue), Multipurpose	2
175.	Bosch AG4 Metal 4-inch Cut Off Wheel Set (White, Pack of 10)	10
176.	Kean Rigger Canadian Palm Split Leather Black/Yellow Glove Wear Cut and Tear Resistant Heavy Duty Industrial Cotton Comfort Fit For Machine Handling Movers Welding Works	2
177.	Eye Pro Special Nylon Auto Darkening Welding Helmet Black Colour	2
178.	STRAUSS Cruiser PW Skateboard Penny Skateboard Caster board Hoverboard Anti-Skid Board with ABEC-7 High Precision Bearings Ideal for All Skill Level 22 X 6 Inch,(Black)	2
179.	Insulation Tapes	30
180.	Smarts Lithium-ion Battery Charger 10-Slot for 3.7V Li-ion 18650 Multi charger for 16340 14500 18650 18500 (RCR123) Batteries	5
181.	FPV Camera Mini Drone - UAV Assembly Remote Control Aircraft Making Flight Control Parts Accessories Set (including Battery)	1

182.	IBL 200-89 IGBT 160-250V Inverter Arc Compact Welding Machine with Electrode holder and 1 Year Warranty	1
183.	Hillgrove HGACC39M1 6013 (3.15 MM) 30Pcs High Potassium Coating ARC Welding Electrode Rod Welding Rod (Pack of 30)	10
184.	DC1804 Receiver	2
185.	RH INDIA DC 3.7V 720 7x20mm Micro Coreless Motor High-Speed Mini Drones (4 Motors)	5Set
186.	40mm Propeller	5 SET
187.	NEO-6M GPS Module Aircraft Flight Controller	5
188.	1.1V 550mAh 80/160C 3S Lipo Battery XT30 Plug for Eachine Lizard95 FPV Racer	2

While sending your lowest quotation – please specify the following:

1. Sales Tax : Inclusive
GST : Indicate prevailing tax on percentage basis.
2. Excise Duty :
3. Rates
a) F.O.R. Destination/
b) Estimated Packing, Forwarding and Freight Charges in case of Ex-works only, may be mentioned on percentage basis.
4. Insurance : Inclusive/ indicate on percentage basis, in case payable by the Institute.
5. Preferred terms of payment (institute rules permit to pay on Receipt of materials in good condition/completion of the work):
6. Recommended mode of transport :
7. Discount offered, if any :
8. Validity of the offer :
9. Firm schedule of completion of work :
- 10. The final vendor will be selected based on the total consolidated price of all items requested in enquiry which includes, GST, Packing, transportation, etc. as applicable.**
- 11. In view of the above clause (10), the vendor should quote all the items in their quotation or else, the quotation shall be treated as unresponsive/invalid unconditionally. Partial order shall not be placed at any case.**
12. Detailed drawings / catalogues / Leaflets / literature / samples may be furnished wherever feasible / required
13. Please indicate clearly whether the rates quoted herein are the same as applicable to DGS & D / Government Department / Other Public Sector Undertakings.
14. The supplier shall invariably furnish the **Certificate of Clearance of GST Registration number along with the quotations.**
15. All the Submitted documents must be duly signed by the bidder along with the firm's seal.
16. Please mention the Quotation number and name of the item/s (in brief) on your envelope when submitting your quotation to the Institute
17. Please note that the Director reserves the right to modify or alter the specifications and also to reject any or all the Quotations without assigning any reasons thereto.
18. The suppliers / firms are informed not to call on us without prior appointment.
19. The Institute is not responsible for delays / loss in postal transit or due to any other reasons.
20. Any Violation in the terms and conditions, the bidder will be made ineligible for the contract.

Yours faithfully,



Head of the Department

सह अधिष्ठाता / Associate Dean
CENTRAL STORES & PURCHASE SECTION
NIT Andhra Pradesh

