

December 13, 2024

Reference: CSIO/MSSA/HCP0057/172

Subject: Quotation for the purchase of goods for the ongoing project activities- reg

It is informed that following items are proposed to be purchased. Interested parties are requested to **submit quotation** through email/hard copy to the undersigned **within next three** from the date of publishing of notice.

Items/Goods/Job work required

Sr. No.	Description of the items/Goods/Jobwork	Quantity
1.	Electronics Components Attached as per Annexure-I	Quantity as per Annexure-I

Terms and Conditions:

Delivery: For CSIR-CSIO, Chandigarh

Lead time/delivery time: 4-6 weeks

Payment: After delivery and successful inspection



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Enclosed Annexure-I

HEAD ISD, with a request to display on the CSIO website

Annexure- I

S.no	Description	Value	Manufacturing_Part No	Quantity
1	Capacitor	10uf	Capacitor_0805	200
2	Capacitor	22pf	Capacitor_0806	100
3	Capacitor	100nf	Capacitor_0805	200
4	Capacitor	4.7uf	Capacitor_0805	200
5	Capacitor	0.1uf	Capacitor_1206	100
6	Capacitor	68nf	Capacitor_0805	100
7	Capacitor	12nF	Capacitor_0805	100
8	LED	Red	Led_0805	50
9	DIODE SCHOTTKY 40V 3A SMC	40V 3A	SS34	20
10	DIODE SCHOTTKY 10V 3A SOD323-2	10V 3A	BAT60AE6327HTSA1	10
11	Operational Amplifier(Op-Amp)	General Purpose Amplifier 1 Circuit Rail-to-Rail 8-SOIC	LMP7721MAX/NOPB	10
12	2.54 MM TERMINAL BLOCK, HORIZONTAL	4 Position Wire to Board Terminal Block Horizontal with Board 0.100 (2.54mm) Through Hole	691402910004B	10
13	CONN PWR JACK 2X5.5MM SOLDER	Power Barrel Connector Jack 2.10mm ID (0.083"), 5.50mm OD (0.217") Through Hole, Right Angle	PJ-002AH	10
14	TERM BLK 2P SIDE ENT 5.08MM PCB	2 Position Wire to Board Terminal Block Horizontal with Board 0.200" (5.08mm) Through Hole	282837-2	10
15	SD_CARD_Connector	10 (8 + 2) Position Card Connector Secure Digital - microSD™ Surface Mount, Right Angle	045138008100858+	5
16	FIXED IND 10UH 500MA 400MOHM SMD	10 µH Unshielded Wirewound Inductor 500 mA 400mOhm Max 1210 (3225 Metric)	82103C	5
17	FIXED IND 33UH 3A 60 MOHM SMD	33 µH Shielded Drum Core, Wirewound Inductor 3 A 60mOhm Max Nonstandard	SRR1260-330M	5
18	Resistance	22R	Resistance_0805	200
19	Resistance	10K	Resistance_0805	200
20	Resistance	5.1K	Resistance_0805	100
21	Resistance	27K	Resistance_0805	100
22	Resistance	3.3K	Resistance_0805	100
23	Resistance	12K	Resistance_0805	100
24	Resistance	20K	Resistance_0805	100
25	Resistance	100K	Resistance_0805	100
26	Resistance	50K	Resistance_0805	100
27	Resistance	100	Resistance_0805	100
28	Resistance	1K	Resistance_0805	100

29	Resistance	300	Resistance_0805	100
30	Resistance	3K	Resistance_0805	100
31	Resistance	30K	Resistance_0805	100
32	Resistance	300K	Resistance_0805	100
33	Resistance	100R	Resistance_0805	100
34	Resistance	47K	Resistance_0805	100
35	SWITCH TACTILE SPST-NO 0.05A 12V	Tactile Switch SPST-NO Top Actuated Surface Mount	TL3305BF160QG	5
36	Banana Plugs	Banana Plug(2mm)	Banana Plug(2mm)	30
37	USB to Serial Port Chip	CH340K	CH340K	5
38	DC-DC Converters	Boost type Adjustable 28V 2A 2V~24V SOT-23-6 DC-DC Converters	MT3608	5
39	DC DC CONVERTER +/-5V 1W	Isolated Module DC DC Converter 2 Output 5V -5V 100mA, 100mA 4.5V - 5.5V Input	MEA1D0505SC	5
40	IC LDO REG 3.3V 1A SOT223	Linear Voltage Regulator IC Positive Fixed 1 Output 1A SOT-223-3L	AMS1117-3.3	5
41	Ultralow Noise, LDO XFET® 5.0V Voltage Reference w/Current Sink and Source	Series Voltage Reference IC Fixed 5V V ±0.04% 10 mA 8-SOIC	ADR445BRZ-REEL7	10
42	IC DAC 16BIT V-OUT 8VSSOP	16 Bit Digital to Analog Converter 2 8- VSSOP	DAC8552IDGKR	5
43	IC OPAMP GP 1 CIRCUIT 8SOIC	General Purpose Amplifier 1 Circuit 8- SOIC	OP07CD	35
44	IC SWITCH SPST-NCX4 70OHM 16SOIC	4 Circuit IC Switch 1:1 70Ohm 16-SOIC	ADG441BRZ	20
45	General Purpose Amplifier 1 Circuit Rail-to-Rail 8-SOIC	General Purpose Amplifier 1 Circuit Rail-to-Rail 8-SOIC	ADA4530-1ARZ	15
46	Analog to Digital Converter	ADS1115 - 16 Bit 3.3k Samples per Second	ADS1115IDGST	5
47	LED	Led_0805	LEDC2012X120N	50
48	4 pin connector	Power_Switch	TE_282837-4	10
49	Type_C	USB_Type_C	TYPE-C-31-M-12	10
50	4 pin connector	Nextion	TE_282837-4	5
51	4 pin connector	Detector_PCB	TE_282837-4	5
52	2 pin connector	282837-2	282837-2	10
53	SD card	ST-TF-003A	ST-TF-003A	5
54	Npn_transistor	1F_Transisor	MMBT2222	5
55	PNP_transistor	3F_Transisor	BC857	5
56	SMD Switch	TL3305BF160QG	TL3305BF160QG	5
57	CH340G SOIC16 USB to Serial TTL- RS232 converter IC	CH340G	CH340G	5
58	Regulator	3v3	AMS1117-3.3	5
59	Microcontroller	ESP32-WROOM-32D	ESP32-WROOM-32D	10
60	Real Time Clock (RTC) IC Clock	DS1302Z+	DS1302Z+	5

61	BATTERY HOLDER 1 CELL	CH23	CH23-1220LF	5
62	DC-DC Buck Converter Power Supply	LM2596_Module	LM2596_Module	5
63	Crystal	12Mhz	FOXSDLF/120-20	5
64	Crystal	32.768KHZ	AB38T-32.768KHZ	5
65	TRANS 2NPN PREBIAS 0.15W UMT6	Digital Transistor Polarity: Dual NPN; Transistor Case: SOT-363; No. of Pins: 6 Pin; Product Range: UMH 3N Series	UMH3NTN	5