



संत लौगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान,
लौगोवाल, संगरूर, पंजाब - १४८ १०६

(मानव संसाधन मंत्रालय के अधीन समविश्वविद्यालय)

Sant Longowal Institute of Engineering and Technology
Longowal, Dist. Sangrur, Punjab - 148106
(Deemed to be University under MHRD)

Ref. No. SLIET/PUR/33/20/1097 - 1105

Date: 05/01/2021

(Registered Post)

M/s _____

Sub: Notice inviting quotation for purchase of consumable items for ECE dept.

This Institute intends to purchase various consumable items as detailed on **Annexure-A** for ECE Dept. Please send quotation to the undersigned in a sealed cover duly super scribed on envelop "**Quotation for purchase of consumables for ECE dept.**" so as to reach latest by closing date i.e. 28.01.2021.

The Terms & Conditions for submitting quotation are as under:-

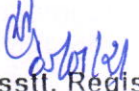
- 1) It may be noted that quotation received only through registered/speed post shall be considered. The institute is located in a remote area and it takes 5 to 7 days to reach the mail, therefore, quotation be dispatched well in time to avoid any sort of delay.
- 2) Rate of GST/IGST, if extra must be mentioned clearly along with GST number.
- 3) The other terms & conditions for submitting the quotation are given overleaf which must be read carefully before submitting the quotation.
- 4) The Price quoted must be FOR SLIET, Longowal.
- 5) Quotation must be valid for a period of 3 months.
- 6) Quotations received later than due date are liable to be rejected and returned as it is.
- 7) Quotation must be sent on the letter head of the party duly addressed to Asstt. Registrar (Store & Purchase) along with a certificate that the firm/company is not blacklisted by any govt. organization/dept.
- 8) All bidders are to sign "Bid Security Declaration" in the format enclosed at "**Annexure-B**".
- 9) As per instructions if purpose of quotation is not super scribed and quotation is opened by mistake then it may be rejected.

Hanyit Singh
Asstt. Registrar

(Store & Purchase)

TERMS & CONDITIONS OF QUOTATION

DELIVERY	The rate quoted must be free delivery/F.O.R. Longowal after allowing the discount, if any. Where quoted extra ad-valorem rate payable should clearly be indicated. Supply should be made within the specified delivery period.
TERMS OF PAYMENT	Our normal term of payment is within 45 days after receipt of stores in good condition & its installation by means of cheque/draft/RTGS.
BID SECURITY DECLARATION	All bidders are to sign "Bid Security Declaration" accepting that if they withdraw or modify their bids during the period of validity of contract, they will be suspended for quoting the bids for a period of one year.
CONCESSIONAL GST	The Institute is registered with the department of Scientific & Industrial Research (DSIR) for purposes of availing customs duty exemption in terms of Govt. notification No. 51/96-customs dated 23.07.1996 and central excise duty exemption in terms of Govt. notification No. 10/97-central excise dated 01.03.1997 and 45/2017 & 47/2017 dated 14/11/2017 regarding GST as amended from time to time. The relevant exemption certificate will be issued to the successful bidder only if the excise duty/customs duty/GST are exclusively mentioned in the commercial bid of e-Tender/NIQ. NO ADVANCE PAYMENT WILL BE MADE.
DIRECTOR'S RIGHTS	Director, SLIET, reserves the rights of acceptance or rejection of any or all quotations. The discretion for increasing or decreasing of the quantities also rests with him. SLIET also does not bind itself to accept the lowest price. In case of any dispute, the decision of Director SLIET will be final & binding.
VALIDITY OF QUOTATIONS	Quotations must remain valid for period of at least 03 months.
SAMPLE/BRAND/MAKE/WEIGHT	Sample, where asked for, will invariably be made available and sent along with the quotations. However, Brand/Make/Weight etc. must be mentioned clearly in the quotations. Technical literature/pamphlet should also be enclosed.
REJECTION	Quotation not confirming to the set procedure as above will be rejected. Conditional, telegraphic quotation shall be rejected out rightly.
DISCOUNT/REBATES	A special discount/rebate wherever admissible keeping in view that the supply is being made for education purpose in respect of Public Institution of national importance may please be indicated.
GENERAL TERMS	SLIET shall not be held responsible for any postal delay in sending or late receipt of quotation. Quotation should be free from corrections & erasures. Other terms & Conditions will be applicable as per GFR-2017.


Asstt. Registrar
(Store & Purchase)

Annexure-A

List of required consumable items for various Labs of ECE Department

Sr. No	Item	Quantity
1.	Soldering iron 25 watt	30
2.	De soldering pump	15
3.	Iron stand	20
4.	FC to FC Patch Cords	50
5.	FC Pigtails	50
6.	Optical Coupler Diff Ranges (50/50, 90/10, 95/05, 85/15, 60/40, 70/30)	100
7.	0 db connectors	50
8.	Line Tester	5
9.	Table top magnifying Lens with Light	5
10.	CRO Probes (BNC TO CROCODILE CLIP)	100
11.	CRO Probes (BNC TO CROCODILE CLIP) with X10	50
12.	CRO Probes (BNC to BNC)	20
13.	Oscilloscope probes P6 100	50
14.	IC 7805	10
15.	IC 7905	10
16.	IC 7812	10
17.	IC 7912	10
18.	IC 7809	10
19.	IC 7909	10
20.	IC 7490	25
21.	IC 74238	25
22.	IC 7482	25
23.	IC 7400	70
24.	IC 7402	70

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25.	IC 7404	70
26.	IC 7408	70
27.	IC 7410	45
28.	IC 7420	25
29.	IC 7427	25
30.	IC 7430	25
31.	IC 7473	25
32.	IC 74155	25
33.	IC 74158	25
34.	IC 4017	50
35.	IC 741	50
36.	IC 555	50
37.	IC 4511	20
38.	IC 7411	20
39.	IC 723	20
40.	IC 7480	20
41.	IC 7432	20
42.	Canon Colour Cartridge337(For Printer Image Class MF244DW)	02
43.	USB LED light flexible	10
44.	LED 1W	50
45.	LED 3W	50
46.	LED 5W	50
47.	LED 9W	10
48.	LED 10W	50
49.	Bluetooth L.E.D.	10
50.	PCB L.E.D10W	05
51.	PCB L.E.D20W	05
52.	LED Strip	04

53.	Thermistor sensor for arduino	04
54.	Temperature Sensor for arduino	04
55.	IR Sensor for arduino	10
56.	Pressure Sensor for arduino	04
57.	Light Sensor for arduino	04
58.	Ultrasonic Sensor for arduino	02
59.	Touch Sensor for arduino	04
60.	Colour Sensor for arduino	04
61.	Humidity Sensor for arduino	04
62.	Motion detect sensor for arduino	10
63.	LDR sensor for arduino	12
64.	Distance sensor for arduino	02
65.	Bluetooth module for arduino	05
66.	Silicon spray	10
67.	Resistance 1K ohm ½ W	300
68.	Resistance 10K ohm ½ W	200
69.	Resistance 100K ohm ½ W	200
70.	Resistance 680-ohm ½ W	200
71.	Resistance 100-ohm ½ W	200
72.	Resistance 100-ohm ½ W	400
73.	Resistance 5K ohm ½ W	200
74.	Resistance 2.2K ohm ½ W	200
75.	Resistance 47K ohm ½ W	100
76.	Resistance 220 ohm ½ W	100
77.	Resistance 56K ohm ½ W	100
78.	Resistance 330K ohm ½ W	100
79.	Resistance 1M ohm ½ W	200
80.	Resistance 2.2M ohm ½ W	100

81.	Pot. 20K	40
82.	Glue gun	08
83.	Glue gun stick	10
84.	Motor servo sg9	10
85.	6-pin slide switch	10
86.	Li-ion battery 3000mAH	02
87.	Motor TT gear 3V	05
88.	Motor TT gear 6V	05
89.	Motor driver for ardino	02
90.	Jumper wire male to male	450
91.	Jumper wire male to female	100
92.	Zener diode 12 V	300
93.	Zener diode 6.8V	300
94.	Transformer 12-0-12 500 ma	25
95.	Transformer 6-0-6	10
96.	Transformer 12-0 500 ma	25
97.	Pot. 20K,10k and 5k	30 (each)
98.	LM741cn(dip)	20
99.	LM358(dip)	20
100.	IC-l293d motor	5
101.	MQ-5 sound sensor	5
102.	MQ-5135 AIE quality gas sensor	5
103.	DS1307 RTC module	5
104.	Electromagnetic buzzer 5-voltPCB mount	10
105.	Sound detection sensor module	5
106.	0.96 inch 128*64 OLED display module SPI/I2C 7 pin	5
107.	4-digit 7 segment display, anode display module	5
108.	7 segment display, anode 1-inch size	10

109.	17 Segment alphanumeric display 0.8- inch	10
110.	LDR 12MM	10
111.	LDR 5 MM Metal Housing	5
112.	LDR Light Sensor Module	5
113.	0.5 Inch Water Flow Sensor	3
114.	Triple Axes Linear Accelerometer	5
115.	DST 22 Temperatureand Humidity Sensor Module	5
116.	Solar Cell 6 VOLT 150 Milliampere	5
117.	A set ofMulticolor 150MM Longheat shrink sleeve (1 MM -2 MM) grade	5
118.	Raspberry pie 4 with 1GBRAM64 bit quadcore processor, 1.4 GHz operating volt 5 volt 3 ampere via USB connector	4
119.	Servo motor mg 995 360-degree rotation, torque 9 kg/cm	5
120.	Servo motor sg 90 1.2kg/cm torque	5
121.	Heat shrinks rectangular fins board label vertical to220 volt on 25mm*16mm	5
122.	Heat shrinks square fins board label vertical to220 volt on 19mm*19mm	10
123.	Thermal pads sheet to220 rectangular pad sheet 140mm * 90mm, thickness 12mm	10
124.	General purpose PCB good quality 6*4 inch	10
125.	1 channel 5 volt relay module with opto-coupler	5
126.	Melt glue sticks for glue gun	10
127.	L298n motor driver module 2 amp	5
128.	High quality ultra-flexible AWG silicon wire 3metre	1
129.	Soldering gun iron stand	2
130.	Adjustable PCBholder frame	4
131.	Soldering flux 10 ml liquid	2
132.	Soldering wire 0.5 mm 50-gram 35% tin content	2
133.	Power adapter 9-volt 2 ampere output	2
134.	Original Arduino nanomcu ATMEGA4809 clock speed 20mhz flash 48 kb EEPROM 256 bytes	2
135.	Capacitores0.001micro farad ceramic capacitors,	10
136.	Ceramic Capacitors 0.02 micro	10

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137.	CERAMIC CAPACITORS 0.002 MICRO	10
138.	Ceramic Capacitors 0.1 Micro Farad	10
139.	TantalumCapcitors0.33Microfard /35 volt	10
140.	Polyester Box Capacitor 0.1 Microfarad/100 Volt	5
141.	Polyester Box Capacitor 0.01 Microfarad/100 Volt	5
142.	Polyester Box Capacitor 0.22 Microfarad/100 Volt	5
143.	Schottky Diode 1N5819 40Volt 1 Ampere	10
144.	1N54083 Ampere	10
145.	FR 107 Fast Recovery Diode	10
146.	Crystal 11.0592	10
147.	4N35 Optocoupler	5
148.	Tyn612 600 Volt 8 Ampere SCR	10
149.	Mov metal oxide varistor maximum clamp voltage 925 operating dc voltage 460 mov14d561k	10
150.	Irf 3205 55-volt 110 ampere n channel to220 package	10
151.	4*4 matrix membrane type keypad	2
152.	Bumps sensors limit switch with roller lever	2
153.	Push button spst on off switch	10
154.	Push button switch 10 mm 4 pins tactile switch	10
155.	Push button switch 2 pin 5 mm	10
156.	SPDT on off rocker switch 2 ampere	10
157.	Inductor 10 milli henry 10% tolerance	5
158.	Inductor 10 micro henry 10% tolerance	5
159.	Inductor 47 micro henry 10% tolerance	5
160.	Inductor 82 micro henry 10% tolerance	5
161.	200mm cable type pack 10 pieces	2
162.	2 pin, 3 pin, 4 pin, 5 pin, 6 pin polarized header wire /cable rally made connector	25 (5 each)
163.	A2212 brushless BLDC motor ,2200k No load current -10 v: 0.5 a Current capacity -12 a/60s Dimensions -27.5x30mm, Shaft diameter -3.175	8

190.	TP127 Darlington PNP Transistor	10
191.	TP122 Darlington PNP Transistor	10
192.	2N2222 NPN Transistor	20
193.	US 100 ULTRA Sonic Sensor + EASY MAC Snap Stand	2
194.	Finger Print Sensor	2
195.	Humidity Sensor	5
196.	Plastic Container size (1 feetx 1 Feet x 4 inch) with 9 blocks	20
197.	Nose Plier	10
198.	Plier	10
199.	Male to Male Connectors FOR Breadboard	100
200.	Male TO Female Connectorsfor Breadboard	100
201.	LED Striplight 2.5W	05
202.	LED RGB	100
203.	Mains Cable 2 Pin	10
204.	Mains Cable 3 PIN	10
205.	Triac BT136	50
206.	Diac DB3	50
207.	Relay6V/9V/12V	10each (30)
208.	LCD DISPLAY (16*2)	20
209.	7 segment display (4DIGIT in each set)CA ,CC TYPE BOTH	10each (20)
210.	Push buttons small	50
211.	8*8 LED Matrix Module	10
212.	Bread Board Strip	20
213.	Solder	2KG
214.	Power supply for computer	5
215.	Earphone	10
216.	Speaker with USB cable	05
217.	Power supply for camera	02

164.	10x4.5-inch 1045/1045r CWCCW propeller pair of quadcopters Diameter- 10 inch (25.4 cm) Pitch- 4.5 inch (11.43 cm)	2
165.	Tracked wheel for bo motor -yellow 65mmx26 mm	8
166.	11.1v-2200 Mahlipo rechargeable battery -30 c rated voltage -11.1 volt weight -150-160 grams Lxhxw- 100*20*30 mm approx.	2
167.	Power distribution board for multi axis copter power battery esc connection	2
168.	Pro mini ATMEGA 328p	5
169.	IR Sensor	10
170.	Proximity Sensors	10
171.	Male OR Female Xt60 Connectors High Current Battery Terminal Connector	2
172.	Nano CH340 Chip Board	4
173.	Lipo battery voltage tester with buzzer alarm for testing-1-8 s unit voltage -0.5-4.5 v total voltage display range -0.5-36 v	2
174.	Transparent Acrylic Case Arduino	20
175.	Zigbee Module S2C 802.15.4 ,63mW, 3 KM/3.2 DBI Antenna	4
176.	IR Sensor Module	20
177.	KK2.1.5 Multi rotor LCD Flight Controller Board	2
178.	Hot Melt Glue Gun 60Volt	1
179.	Soldering Bit Cleaning Sponge	2
180.	Single Stand Hook Up Wire 22AWG Gauge 5 Meter	2
181.	12 Volt, 10 Ampere, 120 Watt DC Power Supply SMPS	1
182.	3.7 VOLT 1500 mAHLiPo Rechargeable Battery	2
183.	Breadboard	8
184.	Power Supply Board 5 Volt, 12 Volt	2
185.	Trim POT 3386P 1K, 10K ,100 Ohm ,100K,	10
186.	Precision Multi term Potentiometer 10K, 1K ,100K	10
187.	IC Case 8 PIN, 4 PIN, 6 PIN ,40 PIN, 24 PIN , 16 PIN , 20 PIN , 14 PIN	20(each)
188.	DC Geared Motorwithencoder, 16 RPM 120 N.CN 12 Volt	1
189.	TP31 C NPN Power Transistor	10

cd

218.	DC Connector for camera	20
219.	Refractometer RHS-10ATC 0-10%	2
220.	TDS meter (Konvio NEER Digital TDS Meter)	2
221.	FR 4 Substrate dual side 12"x12" 1.6 mm 12"x12" 1 mm 12"x12" 0.3 mm	6 (2 unit each)
222.	Roger RT/Duroid 5880 substrate dual side 18" X 12" (0.787mm) (PCB Material)	1
223.	SMA connector SMA F Edge (50 Ω) SMA F PCB (50 Ω)	50 unit
224.	RF Cable with SMA F RF Cable (50 Ω)	20 unit
225.	SMA to BNC Connector 50 Ohm	10 unit
226.	RG 178 Cable 50 Ohm cable	5 meters
227.	RG 86 Cable 50 Ohm cable	5 meters
228.	RF cable Crimping Plier	2 set
229.	Infrared A (700 NM- 1400NM)	20
230.	Infrared B (1400 NM- 3000 NM)	20
231.	Infrared B (3000 NM- 1 MM)	10

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All the above items must be of best quality and branded.