

DEPARTMENT OF TECHNICAL EDUCATION
GOVERNMENT ENGINEERING COLLEGE, THRISSUR

D1/6584/22/GECTCR

16.09.2022

QUOTATION No.D1/40/22-23

SHORT QUOTATION NOTICE

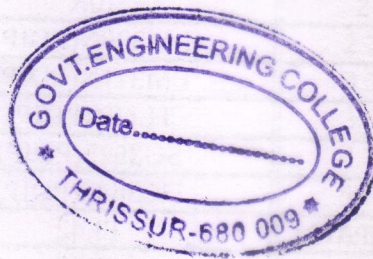
Quotations sealed with sealing wax, are invited for the Purchase of various components for Electrical Engg.Department.

The list of components attached

Sealed envelopes containing the quotations should bear the superscription Quotation No.D1/40/22-23 due on 29/09/2022 and should be addressed to the Principal, Govt. Engineering College, Thrissur, Kerala. The last date for the receipt of quotation is 29/09/2022 at 3 P.M. Late Quotations will not be accepted. The Quotations will be opened at Govt. Engineering College, Thrissur on 30/09/2022 at 2. P.M. in the presence of such tenderer or their authorized representatives who may be present at that time. The maximum period required for delivery of the articles should be mentioned.

Details of requirements and conditions governing their supply can be obtained from the undersigned till 29/09/2022 3 PM.

1. The offer should be valid for a minimum period of 6 months from the date of opening the quotation.
2. No advance payment will be given
3. FOR Govt. Engineering College, Thrissur.
4. Bills submitted only GST Registration



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LIST OF COMPONENTS

Sl. No.	Name of component	Specification	Qty	Unit
1	Diode	1N4007	100	Nos.
		1N4148	100	Nos.
		UF4007	100	Nos.
		1N5819	50	Nos.
		MUR460	50	Nos.
		MUR840	50	Nos.
2	Zener diode	5.1V 0.5W	50	Nos.
		12V 0.5W	50	Nos.
3	OPAMP IC	TL082(PDIP)	50	Nos.
		TL082(SMD)	25	Nos.
		LM324N	30	Nos.
		LM358N	30	Nos.
		TL084(PDIP)	50	Nos.
		LM393	20	Nos.
4	Half bridge driver IC	IR2104(PDIP)	40	Nos.
		IR2111(PDIP)	40	Nos.
		IR2104(SMD)	15	Nos.
		FAN7392(PDIP)	20	Nos.
5	MOSFET	IRF2105	50	Nos.
		IRF540	50	Nos.
		IRF840	50	Nos.
		IRLZ44	25	Nos.
		IRFZ48N	50	Nos.
		IRF9530	20	Nos.
		IRFP450	30	Nos.
		20N60	10	Nos.
6	SCR	TYN612	50	Nos.
7	TRIAC	BT136	25	Nos.
8	DIAC	DB3	25	Nos.
9	POT	1K	50	Nos.
		10K	50	Nos.
10	Comparator IC	LM339N(PDIP)	50	Nos.
		LM311N(PDIP)	50	Nos.
11	PWM IC	TL494(PDIP)	50	Nos.
		SG3525(PDIP)	50	Nos.
		UC3842(PDIP)	30	Nos.
12	Ferrite Core & bobbin (PAIR)	EE42	50	Nos.
		EE35	50	Nos.
		EE30	50	Nos.
13	PIC Micro-controller	PIC16F877A(PDIP)	10	Nos.
		PIC18F2331(PDIP)	10	Nos.
14	DSPIC	DSPIC3F2010(PDIP)	10	Nos.
15	Transformer	230/12V, 1A	20	Nos.
		230/24V, 2A	20	Nos.


16	Pulse transformer	1:1:1	20	Nos.
17	5V Regulator	7805- (PDIP)	30	Nos.
18	12V Regulator	7812-(PDIP)	20	Nos.
19	15V Regulator	7815-(PDIP)	21	Nos.
20	Single side FR4 copper clad board	100 x 70mm	30	Nos.
21	Bread board (6X4)	840 Tie points	30	Nos.
22	Enamelled copper wire	22 SWG	1	kg.
		28 SWG	1	kg.
23	UJT	2N2646	20	Nos.
24	Resistor	1 Ohm, 500 mW	50	Nos.
		1.8 Ohm, 500 mW	50	Nos.
		2.2 Ohm, 500 mW	50	Nos.
		4.7 Ohm, 500 mW	50	Nos.
		10 Ohm, 500 mW	50	Nos.
		22 Ohm, 500 mW	50	Nos.
		33 Ohm, 500 mW	50	Nos.
		47 Ohm, 500 mW	100	Nos.
		75 Ohm, 500 mW	50	Nos.
		75 Ohm, 250 mW	50	Nos.
		100 Ohm, 500 mW	50	Nos.
		100 Ohm, 250 mW	100	Nos.
		180 Ohm, 500 mW	100	Nos.
		220 Ohm, 250 mW	50	Nos.
		330 Ohm, 250 mW	50	Nos.
		360 Ohm, 250 mW	50	Nos.
		390 Ohm, 250 mW	100	Nos.
		470 Ohm, 250 mW	50	Nos.
		560 Ohm, 500 mW	50	Nos.
		680 Ohm, 500 mW	50	Nos.
		750 Ohm, 500 mW	50	Nos.
		1 kOhm, 500 mW	100	Nos.
		1 kOhm, 250 mW	50	Nos.
		2 kOhm, 250 mW	50	Nos.
		2.7 kOhm, 250 mW	100	Nos.
		3.3 kOhm, 250 mW	50	Nos.
		3.9 kOhm, 250 mW	50	Nos.
		4.7 kOhm, 250 mW	50	Nos.
		5.6 kOhm, 250 mW	50	Nos.
		6.8 kOhm, 250 mW	50	Nos.
		7.5 kOhm, 250 mW	50	Nos.
		10 kOhm, 250 mW	100	Nos.
		12 kOhm, 250 mW	100	Nos.
		15 kOhm, 250 mW	50	Nos.
		18 kOhm, 250 mW	50	Nos.
		22 kOhm, 250 mW	50	Nos.
		27 kOhm, 250 mW	50	Nos.
		33 kOhm, 250 mW	50	Nos.

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		36 kOhm, 250 mW	50	Nos.
		39 kOhm, 250 mW	50	Nos.
		47 kOhm, 250 mW	50	Nos.
		56 kOhm, 250 mW	50	Nos.
		68 kOhm, 250 mW	50	Nos.
		75 kOhm, 250 mW	50	Nos.
		82 kOhm, 250 mW	50	Nos.
		100 kOhm, 250 mW	100	Nos.
		150 kOhm, 250 mW	100	Nos.
		220 kOhm, 250 mW	50	Nos.
		330 kOhm, 250 mW	50	Nos.
		470 kOhm, 250 mW	50	Nos.
		560 kOhm, 250 mW	50	Nos.
		680 kOhm, 250 mW	50	Nos.
25	Fusible resistor	1 Ohm, 5 W	50	Nos.
		22 Ohm, 5 W	50	Nos.
		47 Ohm, 5 W	50	Nos.
		100 Ohm, 10 W	50	Nos.
		330 Ohm, 5 W	50	Nos.
		1 kOhm, 5 W	50	Nos.
26	SMD Resistor	10 Ohm, 1210 (1206)	30	Nos.
		22 Ohm, 1210	30	Nos.
		47 Ohm, 1210	50	Nos.
		100 Ohm, 1210	50	Nos.
		330 Ohm, 1210	30	Nos.
		470 Ohm, 1210	30	Nos.
		680 Ohm, 1210	30	Nos.
		1 kOhm, 1210	50	Nos.
		2.2 kOhm, 1210	50	Nos.
		4.7 kOhm, 1210	30	Nos.
		5.6 kOhm, 1210	30	Nos.
		10 kOhm, 1210	50	Nos.
		22 kOhm, 1210	30	Nos.
27	Ceramic Disc Capacitor	22pF	100	Nos.
		1 nF	50	Nos.
		10 nF	50	Nos.
		22 nF	50	Nos.
		47 nF	50	Nos.
		68 nF	50	Nos.
		0.1 uF	100	Nos.
		0.22 uF	100	Nos.
		0.33 uF	50	Nos.
		0.47 uF	50	Nos.
		0.68 uF	50	Nos.
28	Electrolytic Capacitor	1uF, 63V	100	Nos.
		2.2uF, 63V	50	Nos.
		3.3uF, 63V	50	Nos.

		4.7uF, 63V	50	Nos.
		6.8uF, 63V	50	Nos.
		10uF, 63V	100	Nos.
		22uF, 63V	50	Nos.
		33uF, 63V	50	Nos.
		4.7uF, 63V	50	Nos.
		100uF, 25V	100	Nos.
		220uF, 25V	50	Nos.
		470uF, 25V	100	Nos.
		1000uF, 25V	50	Nos.
29	SMD Capacitor	10 nF, 1210	30	Nos.
		47 nF, 1210	30	Nos.
		100 nF, 1210	30	Nos.
		220 nF, 1210	30	Nos.
		470 nF, 1210	25	Nos.
30	POT	1K	50	Nos.
		10K	50	Nos.
31	Soldering Iron	25W	10	Nos.
32	Wire stripper		10	Nos.
33	Single strand hook-up wire	1/25 (1/23)	30	coil.
34	Adjustable voltage regulator	LM317(PDIP)	30	Nos.
35	Optocoupler	TLP250	30	Nos.
		MOC3021	20	Nos.




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