ELECTRICAL ENGINEERING DEPARTMENT
DELHI TECHNOLOGICAL UNIVERSITY
SHAHBAD DAULATPUR, BAWANA ROAD, DELHI-110042

No. F. DTU/EED/CONSUMABLE/LIC-Lab/441/2023/315 28th Apr. 2023

NOTICE INVITING QUOTATIONS

Sealed Quotations are invited for the supply of following items in Electrical Engineering Department. The sealed quotations on company's letter head including GSTIN no. should reach to the office of the Head, Department of Electrical Engineering, Delhi Technological University, Delhi-110042 latest by **9th May 2023** by the post or on the e-mail Id: **hodee@dce.ac.in**

S.No.	Item Name	Technical Specifications	Quantity required (No.)
1	LM 741	Supply voltage ±22 V, Power dissipation (500 mW), Differential input voltage ±30 V, Input voltage (5) ±15 V,	1000
2	AD844	60 MHz, 2000 V/μs, Monolithic Op Amp	50
3	CA 3080	2MHz, Operational Trans-conductance Amplifier (OTA)	50
4	AD 633	Quadrant analog multiplier	25
5	Glass cartridge Fuses	Assorted (0.5A 1A 1.5A 2A ,3A)	100 No Each
6	Copper Wire Cord	16 ampere rated 3 pin top, 3 cores of 1.5 square mm, 2.5 Meter	20
7	Tin-Lead Alloy Soldering Wire	80 % Pb, 20% Sn 500gm	500gm
8	Soldering flux	Liquid Soldering Flux (500ml) - For All metals except Aluminium [High Quality] 500gm	500gm
9	Control Knob	potentiometer potential+black control Knob	50

Bhagati Kumar

10	Hook Up Wire	23 No (Red, Black, Green)	6
11	BJT	2N 3904(NPN) and 2N 3906 (PNP)	500
12	JFET	BFW10 N-Channel Depletion JFET 30V 20mA	100
13	JFET	J175-D26Z JFET P-Channel Vgs;- 30 VGate-Source Cut-off Voltage: 6 VVgs;- - 7 mA to - 60 mA	100
14	Passive voltage probes	1 00MHz, Probe bandwidth models, <4 pF input capacitance, 10X and 1X attenuation factor. 600 V CAT II input voltage	10
15	Resistance	variable resistance wire bound 1kΩ,5kΩ 10kΩ,100kΩ,1MΩ ,1 Watt	30
16	Digital ic	74LS00,	100
		74LS04	100
		74LS02	100
		74LS08,	100
		74LS10	100
		74LS11	100
		74LS32	100
		74LS73	100
		74LS76	50
		74LS74,	50
		74LS86,	100
17	Resistance	Carbon resistor different value – 1/4 Watt, (±1% error)	100 Each 24*4=96

1 Ω	10 Ω	100 Ω	1000 Ω
1.1	11	110	1100
1.2	12	120	1200
1.3	13	130	1300
1.5	15	150	1500
1.6	16	160	1600
1.8	18	180	1800
2.0	20	200	2000

Bragati Kumar

2.2	22	220	2200
2.4	24	240	2400
2.7	27	270	2700
3.0	30	300	3000
3.3	33	330	3300
3.6	36	360	3600
3.9	39	390	3900
4.3	43	430	4300
4.7	47	470	4700
5.1	51	510	5100
5.6	56	560	5600
6.2	62	620	6200
6.8	68	680	6800
7.5	75	750	7500
8.2	82	820	8200
9.1 Ω	91 Ω	910 Ω	9100 Ω

18		Carbon resistor different value – 1/4 Watt, (±1% error	100 Each 15

10 kΩ	100 kΩ	1MΩ
15 kΩ	150 kΩ	1.5M
22 kΩ	220 kΩ	2.2MΩ
33 kΩ	330 kΩ	3.3MΩ
47 kΩ	470 kΩ	4.7MΩ

19	Capacitor	Polyester Type Capacitor different value – 63V, (±1% error ,	100 Each 24*4

1 pf	10 pf	100 pf	1000 pf
1.1	11	110	1100
1.2	12	120	1200
1.3	13	130	1300
1.5	15	150	1500
1.6	16	160	1600
1.8	18	180	1800

Pragati Kumar

		2.0	20	200	2000		
		2.2	22	220	2200		
		2.4	24	240	2400		
		2.7	27	270	2700		
		3.0	30	300	3000		
		3.3	33	330	3300		
		3.6	36	360	3600		
		3.9	39	390	3900		
		4.3	43	430	4300		
		4.7	47	470	4700		
		5.1	51	510	5100		
		5.6	56	560	5600		
		6.2	62	620	6200		
		6.8	68	680	6800		
		7.5	75	750	7500		
		8.2	82	820	8200		
		9.1 pf	91 pf	910 pf	9100 pf		
20		Capacitor(Polymer type 63V,					18 100 Each
		0.01 µF	0.1 µF	1.0 µF			
		0.015 µF	0.15 µF	1.5 µF			
		0.022 µF	0.22 µF	2.2 µF			
		0.033 µF	0.33 µF	3.3 µF			
		0.047 µF	0.47 µF	4.7 µF			
		0.068 µF	0.68 µF	6.8µF			
21		Capacitor(Electrolite type) 100V					12 100 Each
		10 µF	100 µF				
		15 µF	150 µF				
		22 µF	220 µF				
		33 µF	330 µF				
		47 µF	470 µF				

Pragati Kumar

		68 μF	680 μF		
22	MOV 7D511K	Metal Oxide Varictor for 80V to 300V DOB			50 No
23	LT1228	100MHz Current Feedback Amplifier with DC Gain Control			20
24	MOSFET	BS170 – N channel , BS170 – P channel MOSFET drain-Source Voltage (VDS): 60 V, Gate-Source Voltage (VGS): ±20 V,ID:- 500mA			100

Pragati Kumar
01.5.23

(Prof. Pragati Kumar)
Head,
Department of Electrical Engineering

Copy to

1. **Sr. Account Officer**
2. **HOD (CC) to upload on DTU website**
3. **Notice board, EED.**

Professor & Head
Electrical Engineering Department
Delhi Technological University
(Formerly Delhi College of Engineering)
Bawana Road, Delhi-110042