

L I M I T E D T E N D E R  
N O T I C E

Tender Ref. No. PUR-12/2/2019-MCAD\_DIV\_SAM\_CHENNAI-6209  
Date 10.01.2019  
Tender Due Date 24.01.2019

To

Dear Sir,

The Purchase Officer, SAMEER-Centre for Electromagnetics invites sealed tender for the supply of materials as per details given below:

Sl.No	Description of Items
1	Components purchase for FR2 design (Specification list attached)

**Terms and Conditions**

1. Price quoted should be on the basis of Destination delivery at Perungudi campus, Chennai- 600 096.
2. Delivery / Completion period should be clearly indicated.
3. Excise Duty, GST Percentage should be clearly indicated if admissible. Not eligible for FORM 'C' / 'D'
4. WE ARE EXEMPTED FROM EXCISE DUTY
5. Quotation should be valid for atleast 60 days from the date of opening of the tender
6. Quotation should be sent in sealed envelope super scribing the tender reference number and tender due date. YOUR OFFER WILL NOT BE CONSIDERED IF OUR TENDER REFERENCE NO. & TENDER DUE DATE IS NOT MENTIONED ON COVER.
7. Late tenders will not be accepted under any circumstances
8. We reserve the right to accept or reject any quotations fully or partly without assigning any reasons.
9. For Further Clarification Please Contact 044-22544061 / 22544020  
Email: [purchase.chn.sameer@nic.in](mailto:purchase.chn.sameer@nic.in)
10. Unsolicited bids shall not be considered.

(P.Ramamoorthi)

Head – Administration  
Contd...

*P. Ramamoorthi*  
10/01/2019

Value	Size	Tolerance	Temp range	Type	Voltage	Quantity
1 10pF	'0201	5%	-55 to +125	MLCC	25	500
2 1nF	'0201	5%	-55 to +125	MLCC	25	500
3 10nF	'0201	5%	-55 to +125	MLCC	25	500
4 100nF [0.1uF]	'0201	5%	-55 to +125	MLCC	25	500
5 100pF	'0402	1%	-55 to +125	MLCC	25	100
6 10pF	'0402	5%	-55 to +125	MLCC	25	100
7 47pF	'0402	5%	-55 to +125	MLCC	25	100
8 100pF	'0402	5%	-55 to +125	MLCC	25	100
9 330pF	'0402	5%	-55 to +125	MLCC	25	100
10 1000pF	'0402	5%	-55 to +125	MLCC	25	100
11 0.1uF	'0402	5%	-55 to +125	MLCC	25	100
12 1uF	'0402	5%	-55 to +125	MLCC	25	100
13 4.7uF	'0402	5%	-55 to +125	MLCC	25	100
14 10uF	'0402	5%	-55 to +125	MLCC	25	100
15 22uF	'0402	5%	-55 to +125	MLCC	25	100
16 100pF	'0603	5%	-55 to +125	MLCC	25	100
17 10nF	'0603	5%	-55 to +125	MLCC	25	200
18 4.7uF	'0603	5%	-55 to +125	MLCC	25	100
19 0.1uF	'0805	5%	-55 to +125	MLCC	25	50
20 1uF	'0805	5%	-55 to +125	MLCC	25	100
21 10uF	'0805	5%	-55 to +125	MLCC	25	100
22 0.1uF	'0603	5%	-55 to +125	MLCC	25	100
23 10uF	'0603	5%	-55 to +125	MLCC	25	100
24 1uF	'0603	5%	-55 to +125	MLCC	25	100
25 10uF	'1206	5%	-55 to +125	MLCC	25	100
26 3300 pF	'0603	5%	-55 to +125	MLCC	25	50
27 0.47 uF	'0603	5%	-55 to +125	MLCC	25	100
28 1nF	'0603	5%	-55 to +125	MLCC	25	100

Value	Size	Tolerance	Temp range	Power	Voltage	Quantity
1 620R	'0201	5%	-55 to +125	50 mW	25	200
2 1K	'0201	5%	-55 to +125	50 mW	25	500
3 10K	'0201	5%	-55 to +125	50 mW	25	200
4 50R	'0402	5%	-55 to +125	50 mW	25	100
5 270R	'0402	5%	-55 to +125	50 mW	25	100
6 1K	'0402	5%	-55 to +125	50 mW	25	100
7 1.69K	'0402	5%	-55 to +125	50 mW	25	100
8 3.32K	'0402	5%	-55 to +125	50 mW	25	100
9 5K	'0402	5%	-55 to +125	50 mW	25	100
10 10K	'0402	5%	-55 to +125	50 mW	25	100
11 20K	'0402	5%	-55 to +125	50 mW	25	100

12 1.6K	0603	5%	-55 to +125	50 mW	25	100
13 5.62K	0603	5%	-55 to +125	50 mW	25	100
14 0E	0603	5%	-55 to +125	50 mW	25	100
15 47K	0603	5%	-55 to +125	50 mW	25	100
16 100K	0603	5%	-55 to +125	50 mW	25	100
17 0E	0805	5%	-55 to +125	50 mW	25	100
18 0E	0402	5%	-55 to +125	50 mW	25	100
19 50R	0603	5%	-55 to +125	50 mW	25	100
20 20K	0603	5%	-55 to +125	50 mW	25	100
21 390E	0603	5%	-55 to +125	50 mW	25	100
22 5.1K	0603	5%	-55 to +125	50 mW	25	100
23 10K	0603	5%	-55 to +125	50 mW	25	100

SL No	Part number	description	Manufacturer	Quantity
1	TGC4407-SM	Up Converter	Qorvo	5
2	HMC1065LP4E	Down Converter	Analog Devices	5
3	HMC863ALC4	Power Amplifier	Analog Devices	10
4	QPA2628	Low Noise Amplifier	Qorvo	5
5	HMC629ALP4E	Digital Attenuator	Analog Devices	5
6	ADRF5020BCCZN	SPDT Switch	Analog Devices	10
7	LMX2594RHAT	PLL	Texas Instruments	5
8	LMX2594EVM	PLL Evaluation Board	Texas Instruments	1
9	B280LB05	Band Pass Filter	Knowles	5
10	PDW07630	Power Divider(28G-2W)	Knowles	60
11	PDW06984	Power Divider(28G-2W)	Knowles	20
12	PDW06400	Power Divider (12G-2W)	Knowles	5
13	HMC920LP5E	Active Bias Controller	Analog Devices	5
14	ADRF5045BCCZN	SP4T SWITH	Analog Devices	30
15	MC74HCT04ADG	Inverter	ON Semiconductor	100
16	NME0505SPC	Dc to Dc converter	Murata Power Solutions	20
17	145-0801-802	RF Connector	Johnson / Cinch Connectivity Solutions	15
18	SN74LVC1G139DCUT	2x4 Decoder	Texas Instrument	50
19	MM3Z5V1ST1G	Zener Diode	ON Semiconductor	50
20	A6H4101	DIP Switches	Omron Electronics	20
21	865080640001	1uF Aluminum Cap	Würth	25
22	865080440002	10uF Aluminum Cap	Würth	25
23	1814647	Connector Pluggable	Phoenix contact	10
24	1778777	Connector PLUG	Phoenix contact	10
25	1778845	Connector HEADER	Phoenix contact	10
26	TPS70918DBVR	Regulator 1.8 Volts Fixed TI		20
27	QPA9120TR7	DRIVER AMP	Qorvo	25
28	SKY66293-21	POWER AMP	Skyworks	25
29	HMC8038LP4CE	RF SWITCH	ANALOG DEVICES	25
30	3600BP14M0600T	BPF	JOHANSSON TECH	50
31	QPL9057TR7	LNA	Qorvo	25
32	X0060L5050AHF	RF CROSSOVER	Anaren	25
33	DC2337J5020AHF	DIRECTIONAL COUPLE	Anaren	25
34	HMC1119LP4ME	DIGI. ATTENUATOR	ANALOG DEVICES	25
35	SBSGP0500224MX	EMI FILTER	Knowles	25