


	Society for Applied Microwave Electronics Engineering & Research (SAMEER), Kolkata Centre <i>(R & D Laboratory of Ministry of Electronics & Information Technology, Govt. Of India)</i>	Record Number PUR/03 Issue No./Date: 01 / 01.04.2015 Rev. No./Date: 00/Nil Page 1 of 1
	ENQUIRY	
Enquiry Ref No: SMR(K)/156/14464/C/M71/SB/22 Date : 3rd Aug, 2022		
Due date : 13th Aug, 2022		

Dear Sirs,

Sealed quotations are invited from the reliable supplier/OEM/Indian Agent for **procurement of components** as per below specifications. Kindly go through the same and submit their competitive price subject to the terms and conditions set out hereunder. The vendors who are only capable of providing COC.

Description of Components	Qty
Please see ANNEXURE attached.	As per annexure
<u>Bidders are requested to quote as per "Serial No. with corresponding components of the enquiry and to be followed strictly. The components not enabling to quote please put "no bid" to the corresponding components and Srl No.</u>	

A. General Instruction:

i. Submission of Quotation through Email: Vendors may submit their quotation through email (purchase@mmw.sameer.gov.in) with **PASSWORD PROTECTED** file and password should be sent on completion of due date. You are requested to fill the "subject" checkbox of the email with "Tender Ref No". to locate your email in mailbox.

OR

Submission of Quotation through post / by hand : Sealed quotation should be submitted to the following address :

Head A &AO
SAMEER Kolkata Centre
Plot-L2, Block GP, Sec-V,
Salt Lake Electronics Complex, Kolkata-7000091

In case of sealed quotation, envelop should be superscribed tender Reference No on the envelope. SAMEER will not be responsible for any postal delay.

ii. Eligibility :

- Minimum 3 years experience in the field of supply of electronic components
- COC should be provided alongwith shipment of components.
- Capable to quote minimum 70 % of the enquired quantity of the components.

B. Terms and Conditions:

- i. PRICE Should be quoted in Indian Rupees (INR).**
- ii. QUOTED PRICE should be included freight, insurance, packing charges etc as applicable. Hence any charges mentioned extra, if any, will not be considered.
- iii. FREIGHT : must be included in the quoted price. No other terms of Freight like Ex-works, freight at actual will not be acceptable, hence charges of freight must be included in the quoted price.

- iv. GST should be mentioned clearly which should not be included in the **above quoted price.**

- v. **Restriction of country /countries imposed for import** : As per guideline of procurement rules GFR,2017 (OM No. F.NO.6/18/2019-PPD dt 23rd July,2021 and F.No. 6/18/2019-PPD Dt 23rd July,2020 issued by Ministry of Finance, Dept. of Expenditure, Govt. of India) where restrictions from country / countries/a class of countries (**sharing land border with India**) has been imposed. Relevant document (s) as per above OM are required to be submitted by the bidder.

- vi. **Custom duty** : Suppliers may avail advantage of duty exemption. SAMEER is registered with DSIR under the notification No. 51/96 -Customs for exemption of Custom Duty only. Duty exemption certificate should be processed at least 10 days in advance on intimation. Please note that SAMEER will provide only duty exemption certificate. **If there is any duty, over and above the exempted amount, will be borne by you. Hence consider accordingly while quoting.**

- vii. **Payment** will be made after delivery and installation (if applicable) by RTGS/NEFT.
- viii. **Quoted price should be included freight , insurance, packing charges etc as applicable.**
- ix. **Bid evaluation process** : All the bidders are requested to quote as per part No. Consideration of alternative part will be taken into accounts based technical suitability, otherwise rejected.
- x. Acceptability of the extent of variation in specifications on evaluation of technical data sheet wherever applicable will be decided by the competent authority based on technical suitability and shall be bound by the bidders.
- xi. **Delivery** shall be made within 4 / 5 weeks on receipt of the order.
- xii. **Warranty** should be mentioned clearly, if applicable for this item.

- xiii. **Validity** of quotation should be minimum 45 days from the due date.
- xiv. **Eligibility** : If any vendors who have not participated in SAMEER earlier, kindly submit your credential dealing with electronic components for the last 3 years with any Govt.body (state/ Central) / or limited company.
- xv. SAMEER reserves the right to reject this tender without assigning any reason.

For any technical clarification please contact our concerned scientist-D, Shri Sukhendu Bhanja (email: sukhendu.bhanja@mmw.sameer.gov.in/Ph : 033-2357-4875 / 4894)

Please mention Enquiry Ref No. in all future correspondence.


Vivek Kumar Singh
Head, A & AO
email : purchase@mmw.sameer.gov.in

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Plot-L2, Block-GP, Sec-V, Salt Lake Electronics Complex, Kolkata- 700091, INDIA
Ph : 091-33-2357-4875 / 2357-4894 Fax : 091-33-2357-4950,
E-mail : purchase@mmw.sameer.gov.in

ANNEXURE
SMD Components

Sl. No.	Part No.	Description	Quantity
1	C1608X5R1H105K080AB	SMD Multilayer Ceramic Capacitor, 1 μ F, 50 V, 0603 [1608 Metric], \pm 10%, X5R, C	200
2	06031A101JAT2A	SMD Multilayer Ceramic Capacitor, 100 pF, 100 V, 0603 [1608 Metric], \pm 5%, C0G / NP0, AVX 0603 MLCC	200
3	TNPW06034K99BEEA	RES, THIN FILM, 4K99, 0.1%, 0.1W, 0603	200
4	MC74VHC1G04DFT1G	Logic IC, Inverter, Single, 1 Inputs, 5 Pins, SOT-353, 74VHC1G04	50
5	ERJ-UP3J271V	RES, 270R, 5%, 0.25W, 0603, THICK FILM	200
6	MIC44F19YMME	Gate Drivers 6A High Speed MOSFET Drivers	100
7	MC74VHC1G32DFT1G	Logic Gates 2-5.5V Single OR 2-Input	100
8	ADM7150ARDZ-5.0	LDO Voltage Regulators 800mA ULN LDO 5.0Vo	100
9	GRM188R6YA106MA73J	Multilayer Ceramic Capacitors MLCC - SMD/ SMT 10UF 35V 20% 0603	400
10	C1608X7R1V105K080AC	SMD Multilayer Ceramic Capacitor, 1 μ F, 35 V, 0603 [1608 Metric], \pm 10%, X7R, C	200
11	GRM188R61E106KA73D	SMD Multilayer Ceramic Capacitor, 10 μ F, 25 V, 0603 [1608 Metric], \pm 10%, X5R, GRM Series	200
12	CGA4J1X7R1V225K125A C	SMD Multilayer Ceramic Capacitor, 2.2 μ F, 35 V, 0805 [2012 Metric], \pm 10%, X7R, CGA	200
13	GRM21BR61E226ME44L	SMD Multilayer Ceramic Capacitor, 22 μ F, 25 V, 0805 [2012 Metric], \pm 20%, X5R, GRM Series	200
14	MC0603B103J500CT	SMD Multilayer Ceramic Capacitor, 10000 pF, 50 V, 0603 [1608 Metric], \pm 5%, X7R, MC	200
15	C1210C107M4PACTU	SMD Multilayer Ceramic Capacitor, 100 μ F, 16 V, 1210 [3225 Metric], \pm 20%, X5R, C Series KEMET	200
16	C0603C104J5RACTU	SMD Multilayer Ceramic Capacitor, 0.1 μ F, 50 V, 0603 [1608 Metric], \pm 5%, X7R, C Series KEMET	100
17	74437324220	Power Inductor (SMD), 22 μ H, 1 A, Shielded, 2 A, WE-LHMI, 4.45mm x 4.06mm x 1.8mm	100
18	1SMA5913BT3G	Zener Diodes 3.3V 1.5W	50
19	CRCW0603100KFKTA	SMD Chip Resistor, 100 kohm, \pm 1%, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	200
20	CRT0603-BZ-15R0EAS	SMD Chip Resistor, Precision, 15 ohm, \pm 0.1%, 100 mW, 0603 [1608 Metric], Thin Film	200
21	MC0603SAF1000T5E	RES, THICK FILM, 100R, 1%, 0.1W, 0603	500
22	P2TC0603D1001LNTA	SMD Chip Resistor, 1 kohm, \pm 0.01%, 125 mW, 0603 [1608 Metric], Thin Film, Precision	200

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23	ERA3AEB121V	SMD Chip Resistor, 120 ohm, $\pm 0.1\%$, 100 mW, 0603 [1608 Metric], Metal Film (Thin Film)	200
24	MCTF0603BTC1002	RES, THIN FILM, 10K, 0.1%, 0.0625W, 0603	200
25	MCWR06W5R10FTL	SMD Chip Resistor, 5.1 ohm, $\pm 1\%$, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	200
26	ERA3ARB122V	SMD Chip Resistor, 1.2 kohm, $\pm 0.1\%$, 100 mW, 0603 [1608 Metric], Metal Film (Thin Film)	200
27	IRLML6401PBF	Power MOSFET, P Channel, 12 V, 4.3 A, 0.05 ohm, SOT-23, Surface Mount	100
28	MBT2222ADW1T1G	Bipolar Transistor Array, General Purpose, NPN, 40 V, 600 mA, 150 mW, 35 hFE, SOT-363	100
29	ADP7105ARDZ-R7	LDO Voltage Regulators 500mA 20V LDO	100
30	ADM7150ARDZ-3.3	LDO Voltage Regulators 800mA ULN LDO 3.3Vo	100
31	LM22675MRX-ADJ/NOPB	DC-DC Switching Buck (Step Down) Regulator, Adjustable, 4.5V-42Vin, 1.285V-37V/1Aout, SO-PAD-8	50
32	DFLS240L-7	Schottky Rectifier, POWERDI®, Single, PowerDI 123, 2 Pins	100
33	C0603C103K5RACTU	SMD Multilayer Ceramic Capacitor, 10000 pF, 50 V, 0603 [1608 Metric], $\pm 10\%$, X7R, C Series KEMET	200
34	C0603C104K5RACTU	SMD Multilayer Ceramic Capacitor, 0.1 μ F, 50 V, 0603 [1608 Metric], $\pm 10\%$, X7R, C Series KEMET	300
35	SK56C	Schottky Rectifier, Miniature, 60 V, 5 A, Single, DO-214AB (SMC), 2 Pins, 750 mV	100
36	74437324220	Power Inductor (SMD), 22 μ H, 1 A, Shielded, 2 A, WE-LHMI, 4.45mm x 4.06mm x 1.8mm	250
37	DFLS240-7	Schottky Rectifier, POWERDI®, 40 V, 2 A, Single, PowerDI 123, 2 Pins, 700 mV	130
38	ADM7150ARDZ-3.0	LDO Voltage Regulator, Fixed, 4.5 V to 16 V in, 600 mV drop, 3 V/800 mA out, NSOIC-8	100
39	GRM188R61H225KE11D	SMD Multilayer Ceramic Capacitor, 2.2 μ F, 50 V, 0603 [1608 Metric], $\pm 10\%$, X5R, GRM Series	100
40	GRM21BZ7YA475KE15K	SMD Multilayer Ceramic Capacitor, 4.7 μ F, 35 V, 0805 [2012 Metric], $\pm 10\%$, X7R, GRM Series	100
41	GRM188R6YA106MA73D	SMD Multilayer Ceramic Capacitor, 10 μ F, 35 V, 0603 [1608 Metric], $\pm 20\%$, X5R, GRM Series	100
42	ERJ3GEYJ432V	SMD Chip Resistor, 4.3 kohm, $\pm 5\%$, 100 mW, 0603 [1608 Metric], Thick Film,	100

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SMD Components

		Precision	
43	MCMR06X2551FTL	SMD Chip Resistor, Ceramic, 2.55 kohm, \pm 1%, 100 mW, 0603 [1608 Metric], Thick Film	200
44	MCMR06X7321FTL	SMD Chip Resistor, Ceramic, 7.32 kohm, \pm 1%, 100 mW, 0603 [1608 Metric], Thick Film	200
45	ERJ3GEYJ122V	SMD Chip Resistor, 1.2 kohm, \pm 5%, 100 mW, 0603 [1608 Metric], Thick Film, Precision	200
46	ADM7150ARDZ-5.0	LDO Voltage Regulators 800mA ULN LDO 5.0Vo	100
47	C2012X5R1V226M125AC	SMD Multilayer Ceramic Capacitor, 22 μ F, 35 V, 0805 [2012 Metric], \pm 20%, X5R, C	100
48	BYS10-25-E3/TR	Schottky Diodes & Rectifiers 1.5 Amp 25 Volt	100
49	74479777310A	Fixed Inductors WE-PMI 10uH 900mA 300mOhm	100
50	CGA3E1X7R1V105K080A C	SMD Multilayer Ceramic Capacitor, 1 μ F, 35 V, 0603 [1608 Metric], \pm 10%, X7R, CGA	300
51	C0603C829J5GACTU	SMD Multilayer Ceramic Capacitor, 8.2 pF, 50 V, 0603 [1608 Metric], \pm 5%, C0G / NP0, C Series KEMET	100
52	GRM188R61E475KE11D	SMD Multilayer Ceramic Capacitor, 4.7 μ F, 25 V, 0603 [1608 Metric], \pm 10%, X5R, GRM Series	100
53	CRCW060318R0FKEA	SMD Chip Resistor, 18 ohm, \pm 1%, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	200
54	3214J-1-102E	Trimpot, Multi Turn, Cermet, Side Adjust, 1 kohm, Surface Mount, 5 Turns	100
55	ERJ3GEY0R00V	SMD Chip Resistor, Jumper, 0 ohm, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	100
56	MC0603SAF1200T5E	RES, THICK FILM, 120R, 1%, 0.1W, 0603	200
57	MC74AC4040DG	Binary Ripple Counter, AC Family, 140 MHz, 2 V to 6 V, SOIC-16	70
58	TLV3501AID	Analog Comparators 4.5ns Rail-to-Rail High Speed	50
59	74HC390D,652	Decade Counter, HC Family, 71 MHz, 2 Gate, 2 V to 6 V, SOIC-16	50
60	1N4148W-7-F	DIODE, ULTRAFAST RECOVERY, 300mA, 75V, SOD-123-2	100
61	GRM31CR71E106KA12L	SMD Multilayer Ceramic Capacitor, 10 μ F, 25 V, 1206 [3216 Metric], \pm 10%, X7R, GRM Series	100
62	C0603C473J5RACAUTO	SMD Multilayer Ceramic Capacitor, 47000 pF, 50 V, 0603 [1608 Metric], \pm 5%, X7R, C Series KEMET	200
63	C0603C104J5RACTU	SMD Multilayer Ceramic Capacitor, 0.1 μ F, 50 V, 0603 [1608 Metric], \pm 5%, X7R, C	200

ANNEXURE
SMD Components

		Series KEMET	
64	CGA4J1X 7R1V225 K125AC	SMD Multilayer Ceramic Capacitor, 2.2 μ F, 35 V, 0805 [2012 Metric], \pm 10%, X7R, CGA	100
65	MBRA340T3G	Schottky Rectifier, Single, DO-214AC (SMA), 2 Pins	100
66	XAL1513-153MEB	Power Inductor (SMD), 15 μ H, 22 A, Shielded, 25.5 A, XAL1513, 16.2mm x 15.2mm x 13mm	100
67	IPD90P04P405ATMA1	Power MOSFET, P Channel, 40 V, 90 A, 0.0035 ohm, TO-252 (DPAK), Surface Mount	50
68	MC0603SAF1202T5E	RES, THICK FILM, 12K, 1%, 0.1W, 0603	100
69	CPF0603F15KC1	SMD Chip Resistor, 15 kohm, \pm 1%, 62.5 mW, 0603 [1608 Metric], Thin Film, Precision Low TCR	100
70	CPF0603F118KC1	MD Chip Resistor, 118 kohm, \pm 1%, 62.5 mW, 0603 [1608 Metric], Thin Film, Precision Low TCR	100
71	0603WAF768JT5E	Thick Film Resistors - SMD 0603 1/10W 1% 76.8R T/R-5000	100
72	CRCW06031K20FKEA	SMD Chip Resistor, 1.2 kohm, \pm 1%, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	100
73	CRCW06033K00FKEA	SMD Chip Resistor, 3 kohm, \pm 1%, 100 mW, 0603 [1608 Metric], Thick Film, General Purpose	100
74	MC0805S8F510JT5E	RES, THICK FILM, 51R, 1%, 0.125W, 0805	100
75	CRCW0805300KFKEA	RES, THICK FILM, 300K, 1%, 0.125W, 0805	100
76	MCWR08X1202FTL	SMD Chip Resistor, 12 kohm, \pm 1%, 125 mW, 0805 [2012 Metric], Thick Film, General Purpose	100
77	MCTF0603BTC1002	RES, THIN FILM, 10K, 0.1%, 0.0625W, 0603	100
78	MBT2222ADW1T1G	Bipolar Transistor Array, General Purpose, NPN, 40 V, 600 mA, 150 mW, 35 hFE, SOT-363	100
79	ADP7105ARDZ-R7	LDO Voltage Regulators 500mA 20V LDO	100
80	LM317AEMPX/NOPB	Linear Voltage Regulator, Adjustable Positive, 40V input, 1.2V to 37V/1A/1 Output, SOT-223-4	50
81	TPS61175PWPR	DC-DC Switching Boost Step Up Regulator, Adjustable, 2.9V-18Vin, 2.2 MHz, 3Aout, HTSSOP-14	100
82	ADP5070AREZ	Boost, SEPIC Switching Regulator IC Positive and Negative (Dual Rail) Adjustable 0.8V, 1.6V 2 Output 600mA, 1A 20-TSSOP (0.173", 4.40mm Width) Exposed Pad	50
83	LM337IMP/NOPB	Linear Voltage Regulator, Adjustable, -50 V to	100

ANNEXURE
SMD Components

		-4.2 V In, -1.25 V to -37 V/1.5 A Out, SOT-223-4	
84	ADM7150ARDZ-5.0	LDO Voltage Regulator, Fixed, 4.5 V to 16 V in, 600 mV drop, 5 V/800 mA out, NSOIC-8	70
85	74V1G86STR	IC, EX OR GATE SINGLE, SMD, SOT23-5	100