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

Tender Ref. No.	Date	Tender Due Date
ACCT/61/2019-MCAD_DIV_SAM_CHENNAI-8526/Re-Tender	18-02-2020	04-03-2020

To

As per list attached

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	PROCUREMENT OF RF COMPONENTS (Specification List Attached)

**Terms and Conditions**

- Price quoted should be on the basis of Destination delivery at Taramani Campus, Chennai 600 113.
- Delivery / Completion period should be clearly indicated.
- Excise Duty, GST Percentage should be clearly indicated if admissible. Not eligible for FORM 'C' / 'D'
- WE ARE EXEMPTED FROM EXCISE DUTY
- Quotation should be valid for atleast 60 days from the date of opening of the tender
- 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.
- Late tenders will not be accepted under any circumstances
- We reserve the right to accept or reject any quotations fully or partly without assigning any reasons.
- For Further Clarification Please Contact 044-22544061 / 22544020 Email: [purchase.chn.sameer@nic.in](mailto:purchase.chn.sameer@nic.in)
- Unsolicited bids shall not be considered

*P. Ramamoorthi*  
18/2/2020

(P.Ramamoorthi)  
Head – Administration  
Contd....,

## RF-COMPONENTS SPECIFICATIONS:-

Connectors	S.No	Description	Quantity
<b>Adaptors</b>	1	2.4mm Female to Female	5
	2	2.4mm female to male	5
	3	2.4mm male to male	5
	4	2.92mm female to 2.4mm female	5
	5	2.92mm female to 2.4mm male	5
	6	2.92mm male to 2.4mm male	5
	7	2.92mm male to 2.4mm female	5
	8	2.92mm male to male	5
	9	2.92mm female to female	5
	10	2.92mm female to male	5
<b>Cables</b>	1	2.92mm male to male 1 meter cable	2
	2	2.92mm male to male 600mm cable	2
	3	2.92mm male to male 1 feet cable	2
	4	2.92mm male to female 2 feet cable	2
<b>Terminations</b>	1	2.92mm male	5
	3	2.92mm female	5
	5	SMA male	5
	6	SMA female	5

### **RF Cables**

Frequency Range - DC to 40GHz

Insertion loss - 1 meter:  $\leq 3.5$ dB

Insertion loss - 600mm:  $\leq 3$ dB

Insertion loss - 1 feet:  $\leq 2.5$ dB

Insertion loss - 2feet:  $\leq 3$ dB

Contact Pin - Beryllium copper

Connector Body - Stainless Steel

### **50 OHM Termination - Type1 - 2.92mm**

Frequency Range - DC to 40GHz

Return loss -  $< -20$  dB Over full frequency Range

Contact Pin - Beryllium copper

Body - Stainless Steel

Wattage -  $> 1$  Watt

**50 OHM Termination - Type2 - SMA**

Frequency range - DC to 18GHz

Return loss - < -25 dB Over full frequency Range

Contact Pin - Beryllium copper

Body - Stainless Steel

Wattage - > 1 Watt

**Adapters [ All combinations]**

**Type1 - 2.4mm**

Frequency range - DC to 50GHz

VSWR - <1.5

Impedance - 50 Ohm

Contact Pin - Beryllium copper

Body - Stainless Steel

Wattage - > 1 Watt

**Type2 - 2.92mm**

Frequency range - DC to 50GHz

VSWR - <1.5

Impedance - 50 Ohm

Contact Pin - Beryllium copper

Body - Stainless Steel

Wattage - > 1 Watt