

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

Tender Ref. No.
ACCT/31/2019-MCAD_DIV_SAM_CHENNAI-7426

Date
11.07.2019

Tender Due Date
25.07.2019

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	Qty. Nos.
1	Procurement of SGH (Standard Gain Horn antenna) Frequency Band-1: : 18 -26.5 GHz	2 Nos
	Frequency Band-1: : 26.5-40 GHz (As per Specification attached)	2 Nos

Terms and Conditions

1. Price quoted should be on the basis of Destination delivery at Taramani Campus, Chennai 600 113.
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
10. Unsolicited bids shall not be considered


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

SGH Specifications:

TYPE-1: Frequency Band-1: 2 Qty

Type of Antenna	: Pyramidal Horn
Frequency Band- 1	: 18 -26.5 GHz
VSWR (Voltage standing Wave Ratio)	: ≤ 1.5
Connector Type	: 2.92mm- (K-Type)Female
Input Impedance (Ω)	: 50
Gain (dBi)*	: ≥ 24 At Center Frequency
Pattern	: Directional
Polarization	: Linear
CW (Continuous Wave) Power Handling (W)	: ≥ 15
Size(H X WX L) [mm]	: $< (100 \times 100 \times 300)$
Antenna Weight (Without fixture)	: $< 1\text{Kg}$
Antenna Mounting fixture	: Adjustable(Vertical, Horizontal , Slant $\pm 45^\circ$) or arbitrary configurations

CALIBRATION Chart and CERTIFICATE should be provided

*** Gain variation should be linear over the frequency band without any ripple**

TYPE-2: Frequency Band-1: 2 Qty

Type of Antenna	: Pyramidal Horn
Frequency Band- 1	: 26.5 - 40 GHz
VSWR (Voltage standing Wave Ratio)	: ≤ 1.5
Connector Type	: 2.92mm-(K-Type) Female
Input Impedance (Ω)	: 50
Gain (dBi)*	: ≥ 24 At Center Frequency
Pattern	: Directional
Polarization	: Linear
CW (Continuous Wave) Power Handling (W)	: ≥ 10
Size(H X WX L) [mm]	: $< (70 \times 80 \times 200)$
Antenna Weight (Without fixture)	: $< 1\text{Kg}$
Antenna Mounting fixture	: Adjustable(Vertical, Horizontal , Slant $\pm 45^\circ$) or arbitrary configurations

CALIBRATION Chart and CERTIFICATE should be provided

*** Gain variation should be linear over the frequency band without any ripple**