

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

PUR-16012/2/2021-DSP\_DIV-SMR-CHE-SMR CHE DEPTT -11210

24-03-2021

09-04-2021

To

Dear Sir,

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

Sl. No	Description of Items	Qty(Nos.)
1.	Procurement of DC- Power supply (Specification Attached)	2

**Terms and Conditions:**

1. Tenders to be submitted to The Purchase Officer ,SAMEER-CEM ,CIT Campus,2<sup>nd</sup> Cross Road, Taramani, 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. E-mail quotation will not be accepted. 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.,



CIT Campus, 2<sup>nd</sup> Cross Road, Taramani, Chennai - 600 113, India

सी.आई.टी.परीसर, दूसरा क्रॉस रोड, तारामणी चेन्नै - ६०० ११३.

दूरध्वनि : Tel : +91-44-22541583 / 1817 / 2106 / 2452 फैक्स / Fax : 2254 1938 / 1424

वेबसाइट : [www.sameer.org.in](http://www.sameer.org.in)

## Triple Output power supply

Specification	
Power output	80 W
Remote sensing	2 wires only
DC output rating (0 to 40°C)	triple-output: 0 to 6 V, 0 to 5 A, 0 to ±25 V, 0 to 1 A, 0 to ±25 V, 0 to 1 A
Load regulation	Voltage : < 0.01% +2 mV Current : < 0.01% +250 uA
Line regulation	Voltage : < 0.01% +1 mV Current : < 0.01% +250 uA
Output ripple and noise (20 Hz to 20 MHz)	Normal mode voltage : < 350 uVrms/2 mVpp
Output ripple and noise (20 Hz to 20 MHz)	Normal mode current : < 2mArms   < 500 uArms
Programming accuracy	Voltage : 0.1% +5 mV   0.05% +20 mV Current : 0.1% + 10 mA   0.1% +4 mA
Read back accuracy	Voltage : 0.1% +5 mV   0.05% +10 mV Current : 0.1% +10 mA   0.1% +4 mA
Load transient recovery time	Voltage settling band : 15 mV Time : < 50 uS
Programming remote	Voltage : 0.5 mV   1.5 mV Current : 0.5 mA   0.1 mA
Read back remote	Voltage : 0.5 mV   1.5 mV Current : 0.5 mA   0.1 mA
Programming front panel	Voltage : 1 mV Current : 1 mA
Read back front panel	Voltage : 1 mV   10 mV Current : 1 mA
Overvoltage protection (OVP)	Programming accuracy : 0.20% +0.1 V   0.20% +0.4 V
Activation time	Overvoltage (OVP) : < 5 ms Overcurrent (OCP) : < 5 ms
Command processing time	< 10 ms
Display	4.3-inch LCD color display
Programming temperature coefficient per °C	Voltage : 0.01% +2 mV   0.01% +3 mV Current : 0.02% +3 mA   0.02%+0.5mA
Connectivity	USB
Recording & ARB Generation	Data logging, LIST mode, Low current range measurement
Up/down programming settling time to within 1% of total excursion	Up Full Load : 11 msec   50 msec Up No load : 10 msec   20 msec Down Full load : 13 msec   45 msec Down No load : 200 msec   400 msec
Storage temperature	-20 to 70°C
Operating temperature range	0 to 40°C
Altitude	Up to 2000 meters
Power Supply	50/60 Hz, 250 VAC