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Ref. No. CEC 19-20 004 VJK EMI/EMC –RF AMP SPL

FORM FOR INVITING QUOTATIONS
DUE DATE: 11.11.2019

Date: 15.10.2019

Dear Sirs,

1. Quotations are invited in duplicate for **The Broad Band Power Amplifier**((specification attached).
2. The Quotations are to be in **TWO BID SYSTEM** as : Technical bid and Commercial bid. Two parts of the offer are to be clearly marked on the envelopes. The two parts of the offer in a separate envelop must enclosed in the one bigger envelop duly sealed and superscribed with reference number and due date and, should be addressed to the undersigned so as to reach him on or before the due date stipulated above. A blank price quote (identical to the Commercial bid with numbers removed) should be enclosed with the Technical Part.
3. The Quotations should be valid for sixty days from the due date and the period of delivery required should also be clearly indicated.
4. If the item is under DGS&D Rate contract No. and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the Rate contract price (Please note that we are not Direct Demanding Officers). If so please send copy of the RC.
5. Relevant literature pertaining to the items quoted with full specifications(and drawing, if any) should be sent along with the Quotations, wherever applicable. Samples if called for, should be submitted free of charges, and collected back at the supplier's expenses.
6. Local Firms: Quotations should be for free delivery to this Institute. If Quotations for Ex-Godown delivery charges should be indicated separately.
7. Firms Outside Madras : Quotations should be for CIF/F.O.R. Madras. If CIF/F.O.R. consignor station, freight charges by passenger train / lorry transport must be indicated. If Ex-Godown, packing, forwarding and freight charges must be indicated.
8. The rate of sales / General Taxes and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for Sales / General Taxes will be admitted at any stage and on any ground whatsoever The taxes leviable should take into consideration that we are entitled to have concessional Sales Tax applicable to non Government Educational Institutions run with no profit motive for which a concession. Sales Tax Certificate will be issued at the time of final settlement of the bill.
9. Goods should be supplied carriage paid and insured.
10. Goods shall not be supplied without an official supply order.
11. Payment : Every attempt will be made to make payment within 30 days from the date of receipt of bill/acceptance of goods, whichever is later.

Yours faithfully,



HEAD
CENTRAL ELECTRONICS CENTRE
I.I.T. MADRAS
CHENNAI - 600 036.

Conducted RF immunity Setup :

1) Broadband power amplifier

S.No	Description	
1	Frequency	150kHz to 230MHz
2	Output power	50 Watt
3	Test Level	1 V, 3V and 10V should be supported
4	Gain	47dB \pm 2dB
5	Input Signal Modulation Capability	80% AM
6	Connector	50 Ω
7	Input rated power	0 dBm
8	Harmonic distortion	< -17 dBc
9	Protection	Auto shut off @ VSWR > 7
10	Cooling	Air cooling
11	Display	Current, temperature, load VSWR , input/output power & Gain
12	Acessories	Directional coupler – 230MHz 100W , 100W 6dB attenuator, 100W 30dB attenuator
13	Cables	2 N-type to BNC & 2 N-type o N- type(Suitable for connecting the device)
14	Calibration Certificate	Calibration Certificate traceable to ISO/IEC 17025 standard

cr Jones