

Prof. V. JAGADEESH KUMAR
HEAD
CENTRAL ELECTRONICS CENTRE
Email : vjk@iitm.ac.in
Telephone : (044) 2257 4946/4947/4406; FAX: (044) 2257 4986



IzksQ. oh. txnh'k dqekj
v/;{k
dsUnzh; bysDV^akWfuDI dsUnz
bZ&esy : vjk@iitm.ac.in
nwjHkk" k % %044½ 2257 4946@4947@4948@4406
.QSDI % %044½ 2257 4986

Ref. No.

CEC	19-20	006	VJK	EMI/EMC –TEST setup	SPL
-----	-------	-----	-----	---------------------	-----

FORM FOR INVITING QUOTATIONS
DUE DATE: 11.11.2019

Date: 15.10.2019

Dear Sirs,

1. Quotations are invited in duplicate for **the EMI/EMC Test setup** (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.

EMI/ EMC Test Setup:

1) Dedicated Test setup for the following standards need to be provided:

- Conducted emission test setup as per CISPR 16-1-2 :
Horizontal ground plane dimension (1500 X 1200mm)
Vertical ground plane Dimension (1500 X 1500mm)
Proper grounding provision should be provided.

- ESD setup as per IEC 61000-4-2
Horizontal ground plane dimension (1500 X 1200mm)
Vertical ground plane Dimension (500 X 500mm)
ESD test bench with metallic ground plane on the top (900 X 700 x 800mm) (l x b x h)
Resistive network 150pF+ 330Ω – 2 Nos
Proper grounding provision should be provided.

- EFT/Burst setup as per IEC 61000-4-4
Horizontal ground plane dimension (1500 X 1200mm)
Test bench with metallic ground plane on the top (900 X 700 x 800mm) (l x b x h)
Proper grounding provision should be provided.

- Surge immunity setup as per IEC 61000-4-5
Horizontal ground plane dimension (1500 X 1200mm)
Test bench with metallic ground plane on the top (900 X 700 x 800mm) (l x b x h)
Proper grounding provision should be provided.

- Conducted RF immunity setup as per IEC 61000-4-6
Horizontal ground plane dimension (1500 X 1200mm)
Test bench with metallic ground plane on the top (900 X 700 x 800mm) (l x b x h)
Proper grounding provision should be provided.

al Jagan