

दूरभाष :
TELEPHONE
तार : बार्क-मुंबई, चेम्बुर.
TELEGRAMS BARC-MUMBAI, CHEMBUR.
टेलिक्स : ०११-६१०१७/०११-६१०२२ बार्क ईन
TELEX: 011-61017/011-61022 BARC IN
फैक्स संख्या : ९१-२२-५५६०७५०
FAX NUMBER 91-22-5560750



सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA

भाभा परमाणु अनुसंधान केन्द्र
BHABHA ATOMIC RESEARCH CENTRE

Laser & Plasma Technology Division

ट्रम्बे,
मुंबई-४०० ०८५.
TROMBAY,
MUMBAI-400 085

Ref: LPTD/ GKK/ works /2018/ 115240
Sub: Minor Fabrication- Invitation of quotations.
Due date: 25/06/2018

Mod. Labs. Trombay,
Mumbai-400 085
Date: 12/06/2018

Dear Sirs,

Quotations are invited for the fabrication of HV switch electronic cards for HV switch of RIS project hall-6 as per technical specifications and scope of work. The bidder shall quote for fabrication of these components with material.

1. Taxes and excise duties shall be quoted separately. Form H/AF shall be provided wherever necessary.
2. Quotations are to be in printed letter head / quotation format which should consist of sales tax, registration number registered with the local ST authority/ CST authority, PAN number etc. Quotations that are received in computer- generated form will be construed as invalid and rejected.
3. The quotations must reach, Head, Laser & Plasma Technology Division by 25/ 06 /2018 and must be sent in a sealed envelope super scribed with the above reference number and due date given above by **speed post or registered post only**.
4. The address on the envelope should read:

The Head,
Laser & Plasma Technology Division,
Bhabha Atomic Research Centre,
Trombay, Mumbai-400 085.

Attn: G. K. Kalwale

The bidder shall have to take an insurance policy against any material issued to him by the purchaser.

5. The fabrication work shall be subject to inspection by our engineer. The finished components shall not be dispatched prior to approval by our engineer at bidder's works. Necessary inspection facilities shall be provided to our engineers during fabrication at bidder's premises.
6. The bidder shall deliver the finished components after the approval by our engineer, within **one month** from the date of our firm purchase order is issued to the bidder. The finished components and the scrap from the free issue material shall be delivered by the bidder at: Control room, Hall no.6, Laser & Plasma Technology Division, Trombay, Mumbai-400 085.
7. Head, Laser & Plasma Technology Division, BARC reserves the right to accept/reject any or all quotations without assigning any reason.

Yours sincerely,

Dr. Alok Ray
Head, TLS, L & PTD

Quotation shall be opened on date 26/06/2018 at 2.00pm

Encl.: Specifications & Scope of work

Copy to: 1. Head SIRD to upload at BARC website.

2. VSB notice board.

3. BARC, L&PTD notice board.

**Technical specifications and scope of work for
fabrication of electronic cards for HV switch of RIS project hall-6**

It is required to fabricate IGBT based HV switch cards, fiber optics transmitter cards and integrate the same with EB power source for control and protection of IGBT based HV switch.

These cards will be used in the background of EMI/ frequent electromagnet pulse atmosphere. They are to be installed in High voltage transformer bay area which houses various HV components as well as heat dissipating elements like HV series resistance bank and bleeder resistance bank. The vender shall discuss circuit diagrams, PCB sizing, component listing etc. required for these cards before submitting the quotation. The scope of work for this job is as given below.

Scope of work:

1. Preparation and getting approval of schematic/drawing for
 - i) IGBT based HV switch cards (8 Nos.)
 - ii) Fiber optics transmitter cards (4 Nos.)
2. Design of the PCB artwork and layout for above cards.
3. Fabrication of PCBs after getting approval of layout/artwork.
4. Safe delivery at North gate, BARC, Trombay, Mumbai.
5. NO FIM



Gopal K. Kalwale
SA/F, L&PTD
(Officer initiating the proposal)