

Government of India
Bhabha Atomic Research Centre
Beam Technology Development Group
Mumbai - 400085

REF: BTDG/UCUF/WORKS/DRD/17/MF/217

Oct 04, 2017

To,

Sub: Installation and wiring of heating system power supply and PLC based prototype control system at BARC

Invitation of Quotations

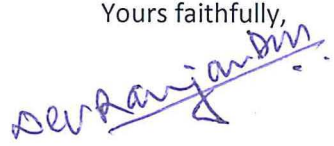
DUE DATE: 16-10-2017 upto 16:30 hrs

Dear Sir,

1. Quotations are invited for the **installation and wiring of heating system power supply and PLC based prototype control system at BARC**. GST as applicable shall be quoted separately.
2. The quotations must be submitted on the printed letter head of the company and should contain PAN and GSTN; else the quotation shall be rejected.
3. The quotations must reach **Head, L&PTD, BARC, Trombay, Mumbai-400085** through **Indian Post** by **16-10-2017 upto 16:30 hrs** and must be sent in a sealed envelope **superscribed** with the above reference number and due date given above.
4. The address on the envelope should read
(Attn. Dev Ranjan Das)
To,

The Head, L&PTD
BARC, Trombay, Mumbai - 400 085
5. Head, L&PTD, BARC reserves the right to accept or reject any or all quotations without assigning any reason.
6. For any further clarification Dev Ranjan Das, L&PTD (Phone: 25595697) may be contacted.

Yours faithfully,


Head, ICPEs, L&PTD, BARC

Encl: One (Job details)

Installation and wiring of heating system power supply and PLC based prototype control system at BARC

The contactor is required to complete the following electrical wiring jobs inside BARC premises. All electrical components required for the job are available. The contactor shall supply the following sundry items and wiring accessories for the job.

Scope of Supply

1.	T sections DIN rails	10 mtrs
2.	0.5 sq.mm PVC /Teflon copper wires for wiring	200 mtrs
3.	Cable Ties	(As required)
4.	Lugs(1 sq.mm) Copper pin type	400 nos.
5.	PVC wiring channels	10 mtrs
6.	Mounting plates for 3 nos. PLC racks & 2 nos. HMIs	1 lot

Scope of Work

1. Installation and Wiring of heating system power supply:
Installation and wiring of 6 nos. of transformers, power controllers, current and voltage transmitters, contactors as per wiring diagram to be provided by us.

Approximate number of terminations: 250
All material will be provided by BARC.

2. Installation and wiring of PLC based prototype control system
 - a. Installation and wiring of 2 nos. Schneider Electric Magelis 12inch HMI
 - b. Installation and wiring of 3 nos. Schneider Electric M340 PLC racks and cards
 - c. Termination from PLC cards to terminal blocks (Approximate number of terminations: 300nos.)
 - d. Installation and wiring of 24V DC power supply
 - e. Installation and wiring of 1 nos. industrial computer
 - f. Installation and wiring of 1 no. network switch

General specifications, terms and conditions

1. **Quotation details:** The quotation should be in the printed letter head /quotation format which should consist of the PAN and GSTN of the firm. Quotation shall be signed by proprietor or authorized person and affix company seal. Computer generated/scanned and printed quotation will not be accepted. Failing to mention the details in their quotation will become liable to be rejected. All taxes, other charges should be mentioned clearly.
2. **Quality surveillance, inspection and inspection report**
The purchaser reserves the right to inspect any material or equipment furnished or used by supplier under the contract and to reject any, which is found defective in workmanship, design, or otherwise unsuitable for the purpose intended.
3. **Delivery schedule:** Supplier shall provide a clear delivery schedule in the quotation.
4. **Warranty:** Guarantee of the items shall be furnished for one year from the date of delivery.
5. **Payment terms:** No advance payment will be made. Full payment will be made by NEFT/ECS on satisfactory completion of the works. Party should submit the bill along with advance stamped receipt. Income Tax @2% will be deducted at source from the bill.