

Government of India
Bhabha Atomic Research Centre
Laser & Plasma Technology Division
Trombay, Mumbai -85

REF: WORKS/LPTD/DRB/2020/119245

Date: 18/11/2020

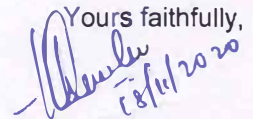
NOTICE INVITING TENDER

**Shifting, installation and commissioning of PPS systems shifted from S70 labs
and S70 workshop in Hall-9.**

Due date: 30-11-2020

1. Sealed Quotations are invited, on behalf of "the President of India" by Head L&PTD, Bhabha Atomic Research Centre, Trombay, and Mumbai-400085 for the above file as per the scope of work described in Tender document.
2. Quotations are to be in printed letterhead / quotation format, which should consist of GST Registration Number registered with local ST authority / GST authority, PAN Number of the firm, etc. Quotations that are received in computer-generated form are to be construed as invalid and rejected.
3. The quotations are to be submitted only through Registered / Speed post through Indian Postal Service.
4. The price part shall be submitted with taxes and duties quoted separately.
5. The quotations must reach, *Head, Laser & Plasma Technology Division* by 16:00 hours due date and must be sent in a sealed envelope *superscribed* with the above reference number and due date given above.
6. The address on the envelope should read:
The Head,
Laser & Plasma Technology Division
Bhabha Atomic Research Centre,
Trombay, Mumbai - 400 085.

(Attn.: Devendra Bhale)
7. Income Tax @2%, surcharge, cess on Income Tax as applicable will be deducted from the payment made to the contractor.
8. Payment will be made after satisfactory completion of work. Payment will be released only through ECS.
9. Head, Laser & Plasma Technology Division, BARC, reserves the right to accept/reject any or all quotations without assigning any reason.

Yours faithfully,

18/11/2020

Shri Mascarenhas M L

एम. एन. मारकारेणस
Head L&PTD

M. L. Mascarenhas

अध्यक्ष/Head

लेसर अँड प्लाज्मा प्रौद्योगिकी प्रभाग
Laser & Plasma Technology Division
भा.प.अ. केंद्र/B.A.R.C.

Annexure-B

Scope of the work: Fabrication and installation as per specifications

SL No	Name of items	Qty
1	<p>Piping work for 200kW system</p> <ol style="list-style-type: none"> I. installation of existing MS pipes shifted to new site II. Installation of Rotameter, Valves. III. There are 32 joints of 2" MS pipe to be welded at site. IV. Integration with the provided utility services at Hall-9 V. Cleaning, buffing and installation of the following SS parts <ol style="list-style-type: none"> a. Vacuum chamber: 1 m * 1m * 1m b. SS structure to mount the coil and chamber c. Installation of vacuum system pneumatic lines with 8mm / 6mm PU tubing d. Installation of compressor at site with 8mm / 6mm PU tubing e. Vendor has to supply all the fittings required to make the system working VI. The vendor should provide any additional MS raw materials required to complete the work 	1
2	<p>Shifting overhead trolley to Hall-9 from S70</p> <ol style="list-style-type: none"> I. Dismantling of MS overhead trolley with chain pulley block at S70 II. The height is 4m and span of 8m III. The trolley must be safely shifted to Hall-9 IV. Assembling, welding and installation of trolley at hall9 site V. Painting with yellow oil paint. VI. Vendor shall also service and test the wheels, chain pulley block and all accessories in the chain pulley block and repair / replace them if required 	1
3	<p>Workshop partition oil painting 30sqm</p> <ol style="list-style-type: none"> I. The aluminum partition in the Hall 9 workshop must be cleaned II. The aluminum partition in the Hall 9 workshop must be painted 	1
4	<p>Workshop aluminum door fabrication and installation</p> <ol style="list-style-type: none"> I. The door should have be of standard size II. It should conform to corresponding Indian standards III. The door should have automatic speed limiter and stopper IV. The material should be pure aluminum 	1
5	<p>Mechanical rack repairing and painting 3m x 2m x 2m</p> <ol style="list-style-type: none"> VIII. The reack needs to be dismantled from S70 IX. MS rack for storing components and raw material in workshop needs to be repaired by welding and replacing any broken Box / angle / plates that are damaged X. All rust and old paint needs to be removed XI. It has to coated with ISI mark redox XII. It has to be painted with oil paint XIII. Preparation of floor may be done at hall-9 XIV. The rack needs to be installed in Hall-9 	1

6	<p>Box coater piping and installation</p> <ol style="list-style-type: none"> I. installation of existing SS pipes shifted Hall -9 from S 70 II. Installation of Rotameter, Valves. III. There are 94" diameter of SS TIG welding to be done at Hall-9 site. IV. Integration with the provided utility services at Hall-9 V. Cleaning, buffing and installation of the following parts <ol style="list-style-type: none"> a. Vacuum chamber: 1 m * 1m * 1m b. MS structure to mount the chamber needs to be painted c. Installation of vacuum system pneumatic lines with 8mm / 6mm PU tubing d. Vendor has to supply all the fittings required to make the system working e. Piping and installation of vacuum system tubing with new PU piping and fitting box coater f. Vendor has to supply cable trays and any other mechanical fixtures required for installation g. The whole structure has to be cleaned, painted with redox and then oil painting is to be done. h. The vendor should provide any additional SS raw materials required to complete the work 	1
7	<p>Shifting of split ACs from south site</p> <ol style="list-style-type: none"> I. The vendor should remove indoor and outdoor units installed in S70 shed II. Vendor should remove the piping electrical fixtures and every associated material from S70 shed III. The cumulative length of the wiring and tubing for all the three ACs shall be 10m each, (40m cumulative) (cooling, drainage and electrical) IV. Vendor should shift the ACs to Hall-9 V. Vendor should mount the AC and outdoor unit on appropriate platform VI. Vendor should install new copper tubing, wiring and other related accessories for the AC VII. Vendor has to do mechanical fabrication of frames required to mount AC and outdoor unit VIII. Vendor must complete the partitioning work to seal the rooms to prevent, this involves installation of three partition strips with a cumulative length of 0.5' * 100'. IX. Vendor should activate the ACs in Hall-9 by filling gas or doing any other maintenance required 	4 set of ACs