Government of India
Bhabha Atomic Research Centre
Beam Technology Development Group
Advanced Tunable Laser Application Facility

BARC, Trombay,
Mumbai-400 085

Ref: ATLAF/TLS/AK/ Works /2022-23/ 37590 Date: 13 /04/2022.
Sub: Minor Fabrication Invitation of quotations
Due date: 12/05/2021

Dear Sir,
Quotations are invited for the " CVL Power supply unit refurbishment as per Annexure-1."
The bidder shall quote for fabrication of these components with material.

1. Taxes shall be quoted separately.
2. Quotations are to be in printed letter head / quotation format which should consist of GST, registration number registered with the local ST authority/ CST authority, PAN number etc.
3. The quotations must reach, Laser & Plasma Technology Division by 12/05/2022. 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 TLS,
   Laser & Plasma Technology Division,
   Bhabha Atomic Research Centre,
   3rd floor, Room No- 285H,
   Trombay, Mumbai-400 085.
   Kindly attn. : Amit Khattar SO/E
5. The bidder shall have to take an insurance policy against any material issued to him by the purchaser.
6. 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.
7. The bidder shall deliver the finished components after the approval by our engineer, or start work immediately after issued final work order to the bidder. The finished components and the scrap from the free issue material shall be delivered by the bidder at: Laser Lab, ATLAF, BTDG At Hall6, BARC, Trombay, Mumbai - 400 085.
8. Head TLS, ATLAF, BTDG, BARC reserves the right to accept/reject any or all quotations without assigning any reason.

Yours sincerely,

Shri S. Kundu 11/4/2022.
Head, TLS ATLAF, BTDG.

Quotation shall be opened on dated 13/05/2022.
Encl.: Description & Technical specification (Annexure 1).
Copy to: 1. Head SIRD to upload at BARC website.
2. VSB notice board.
3. BARC, L&PTD notice board.

GENERAL SPECIFICATIONS

1.0 ***Free issue materials***

1.1 The free issue supply material issued by the purchaser to the fabricator shall be covered by insurance policy taken by the fabricator at his own cost for its full value.

1.2 The insurance policy shall cover losses of damages to the purchaser's materials due to fire, riot, strikes, theft, civil commotion etc. or any other cause.

1.3 The insurance policy shall be valid till the date of actual delivery of the components to the purchaser.

1.4 The purchaser shall be named as the beneficiary.

1.5 The fabricator shall return the balance material such as scraps, outputs, etc. after the fabrication to the purchaser.

1.6 Free issue material is _____**NIL**____ and shall be issued to fabricator/bidder at _____

2.0 ***Quality surveillance, inspection and inspection report***

2.1 All work covered by the specification shall be subject to quality surveillance by the purchaser or his authorized representative for which purpose the fabricator shall allow access at all reasonable time during manufacture to _____

2.1.1 The premises in which the work is being carried out.

2.1.2 The drawing and/or tooling involved.

2.1.3 Gauge, instruments, etc. required for inspecting the work.

2.2 Inspection and tests shall be carried out by the fabricator as per the requirements detailed in the drawings and these specifications.

2.3 The fabricator shall submit three copies of inspection report to the purchaser for approval.

2.4 Components found unsatisfactory as to workmanship or material shall be removed by fabricator and replaced by components which are satisfactory.

2.5 Fabricator shall use materials as specified by the purchaser and submit to the purchaser, the material test certificate for his approval.

2.6 The finished components shall not be dispatched prior to approval by our engineer at bidder's works.

3.0 ***Delivery***

3.1 The bidder shall deliver the finished components within **9 months** from the date of firm purchase order issued to bidder.

4.0 ***Subcontract***

4.1 The fabricator shall not sub-contract any or all the work without written consent from the purchaser. The fabricator shall be responsible to the purchaser for all work of the sub-contractor of the fabricator, if allowed by the purchaser.

5.0 Tax GST % as per applicable.

- **Income Tax** @ 2% cess will be deducted.
- Any delay which is attributable to the contractor is liable for penalty @ ½ % per week (max.5%)to be imposed on the contractor
- **PAN No. &GST No. shall be furnished** by the contractor along with the bill for payment.

6.0 Guarantee: Not applicable since the job would be carried out by under departmental represent supervision.

Payment: Payment shall be made only on satisfactory completion of work and on production of bill, advance stamped receipt and guarantee/warranty certificate

7.0 **Confidentiality:**

7.1 No party shall disclose any information to any third party concerning the matters under this contract generally. In particular, any information identified as "Property" in nature by disclosing party shall be kept strictly confidential by receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party.

7.2"Restricted information" categories under section 18 of the Atomic energy Act,1962 and "Official Secrets" under Section 5 of the Official act. Any contravention of the above mentioned provisions by any contractor, sub-contractor, consultant, adviser or the employees of a contractor will invite penal consequences under the aforesaid legislation.

7.3 Prohibition against use of BARC's name without permission for publicity purposes

The contractor or sub-contractor, consultant, adviser or employees engaged by the contractor shall not use BARC's name for any publicity purpose through any public media like Press, Radio, TV or Internet without the prior written approval Of BARC.

Annexure-1

1) **Scope of work**:

a) CVL Power supply10 KV transformer and 3 phase variac replacement
b) High voltage trigger pulse generation PCB electronics cards unit's faulty components replacement as per requirements.
c) Diode pump solid state green lasers controller and three phase power supply connection and disconnections as per user requirements.
d) Persons should know electrical safety. Experienced person will be preferred.
e) Manpower should be provided to attend water leakage fault in 18 CVL laser heads and its power supply, whenever required.
f) Carry out minor MS fabrication job as necessary for new electrical connection.
g) Contactor shall deploy one skilled fitter person when required, according to job one unskilled helper carry out the heavy job, whenever required.
h) For repair equipment required tools and related arrangement should be provided by the vendor.
i) Water tank and filter of water line cleaning.
j) Cable lying of different signals of CVL power supply to laser head.

2) **Duration of completion of the jobs**: From final work order received date by the vendor ten months or finish departmental work according to our representative. In case of some job pending due to the supplier then grace period will be given for two months.

3) **Tools**: Vendor shall bring all necessary tools and machines like drilling machines, grander welding machines etc for shifting connection and equipment.

4) **Site inspection**: All jobs inspection and testing shall be carried out in presence of our representative. Preliminary discussion shall be carried out at our premises by our representative before execution of work.

5) **Guarantee**: Not applicable since the job would be carried out under supervision departmental representative.

6) **General terms & Conditions:**

a) There is no free issue of material.
b) The contractor shall have to maintain the cleanness of area assigned to him for the work and shall follow the instructions of supervisor.
c) The work shall be carried out on all working days between 10:00 hrs to 18:00 hrs.
d) Party has to abide by the security procedures for the entry into BARC. PVC (Police verification certificate) is necessary for all the persons deputed for work inside BARC.
e) The vendor shall be carried out work during laser shutdown period only.
f) The vendor shall work in co-ordination with project people. The job shall be inspected by project people from time to time.
g) Vendor's labour should follow government's covid19 guide lines.

Amit Khattar
SO/E