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Trombay, Mumbai-400 085

Government of India
BHABHA ATOMIC RESEARCH CENTRE
Glass and Advanced Materials Division

Rajath Alexander
Scientific Officer D

Ref: BARC/GAMD/RA/2022/P-39908

Date: 19/04/2022

Online

Two Part Tender

Sub: **Invitation of Quotation for minor fabrication of computer controlled 50 W laser cutting machine.**

Due date: 5th May 2022

Dear Sir,

For & On behalf of the President of India, quotations are invited by the undersigned for following service work.

Description of work
Fabrication of computer controlled 50 W laser cutting machine as per Annexure 1.

Note:

- This Tender is a **two part tender**
- The *Technical Bid* and *Financial Bid* must be send separately.
- The *Technical Bid* must contain a compliance sheet for the specification given in Annexure 1
- Proof for each and every specification must be provided for the *technical bid* to be considered valid

The envelope shall *clearly be superscribed* with the reference no., due date and with the words "**Quotation: not to be opened**". It should be addressed to following person and should reach him/her on or before the date mentioned. The quotation must be send by **speed post only**.

Rajath Alexander Glass and Advanced Materials Division, Materials Group, BARC Mumbai 400085	On or before 5 th May 2022
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Instructions to the tenderer :

1. The contractor **should contact the undersigned** (contact no 022-25594917, Email : alexander@barc.gov.in) and discuss and scope of the work, failing to which they are not eligible for tendering process and hence their quotation will not be opened.
2. The quotations are to be in printed letter head/ quotation format which should consist of GST Registration Number, PAN number of the firm. Quotations received without signature, over-writing, summation errors etc. will be construed as invalid and thus rejected.
3. The tenderer should write in words as well as figures, the rate(s) quoted by him. All corrections must be attested by the dated initials of the tenderer.
4. Income-Tax and surcharge on income-tax as applicable shall be deducted from the bill. The payment for the work done shall be paid by our Accounts Division only on satisfactory completion of the work within one month.
5. The acceptance of the tender rests upon the undersigned with a right to reject the tender without assigning any reason.


वैज्ञानिक अधिकारी / Scientific Officer
उच्च एवं प्रगत पदार्थ प्रभाग
Basic and Advanced Materials Division
भारत सरकार / Government of India
भभा परमाणु अनुसंधान केंद्र
Bhabha Atomic Research Centre
मुम्बई, मुंबई / Trombay, Mumbai - 400 085.

Rajath Alexander
SO/D, GAMD

Annexure 1

Supplier must prepare a technical bid having a compliance statement for the below specifications

Note: Evidence in form of photograph, video and email communication must be attached for the technical bid to be valid

1. Work Area= 24"x 12"x7" (min)
2. Online overhead monitoring with camera
3. Laser Power= 50 W beam power
4. Speed= 3m/s
5. Suction Blower = Photograph must be attached
6. Exhaust filtration system = Photograph must be attached
7. Autofocus
8. Auto-calibration
9. Touch screen= = Photograph must be attached
10. Moveable Wheel
11. Cooling system included
12. High Speed brushless dc motor or servo motor
13. Computer with software = Must attach a screenshot of software in bid
14. Engraving
15. Design software
16. Training
17. Must demonstrate cutting of graphite and thin glass = Photograph must be attached
18. Relocatable Home Position
19. JOB TRACE feature
20. PERMANENT JOB STORAGE (0.1 to 1GB)
21. UPS to be provided
22. Rotary attachment to be provided
23. Z movement
24. Must provide demonstration of the instrument (or equivalent available instrument)
25. Supplier must share video of the instrument (or equivalent)
26. Digital display screen coating gauge meter Digital display screen coating thickness gauges Digital Measuring Tool