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दुर्घ, मुंबई-४०० २८५
TROMBAY,
MUMBAI-400 085

भारत सरकार
GOVERNMENT OF INDIA
भाषा परमाणु अनुसंधान केन्द्र
BHABHA ATOMIC RESEARCH CENTRE
सुरक्षा इलेक्ट्रॉनिक्स और सॉफ्टवेयर सिस्टम डिवीजन
Security Electronics & Software Systems Division

Tender No: BARC/E&I/SESSD/CAMC/XBIS/2022/70237

Due Date: 05/12/2022

Sub: Invitation to submit your quotation

On behalf of President of India, Head, Security Electronics & Software Systems Division, E&I Group, Bhabha Atomic Research Centre invites quotation in sealed envelope for Comprehensive Annual Maintenance Contract as per the terms and condition & scope of work given in attached Annexure I & II.

Sr. No.	Description of Job
1	Comprehensive Annual Maintenance Contract of Rapiscan Make (Model No.620XRW 140) X-Ray Baggage Image Scanning Machine for the Period of 3 Years as per the attached Annexure I & II.

1. Quotations are invited for the above service contract as per attached scope of work and terms and condition on or before 05 Dec 2022 up to 14.30 hrs in two sealed envelopes through registered post/speed post of Indian Postal Services only.
2. Bidder shall send separate Technical bid (PART – A) and Financial bid (PART – B) sealed in two different envelopes (Two-part quotation).
3. These two envelopes shall clearly mention Ref No. of the tender and shall clearly indicate Technical bid (PART-A) and Financial bid (PART-B) separately. Bidder shall send these two envelopes in one single sealed envelope. This single envelop shall mention Ref No. of tender.
4. Taxes and duties shall be quoted separately.
5. Quotation should include GST No./ PAN No./Sale Tax and Service Tax Registration No. of the bidder.
6. The complete quotation shall reach the following address on or before 05/12/2022 14:30 Hrs. by Registered Post/ Speed post. The quotations will be opened on the same working day between 1500 to 1600 Hrs.
7. The address on the envelope should read:

Head, PPSS,
SESSD, BARC,
Trombay, Mumbai-400085

Attention: - Shri Shirish Kendre, PPSS, SESSD

8. Validity of the offer shall be for 90 days from the date of opening of quotation.

A Laddha
18/11/2022
(Anand Laddha)

Head PPSS
For and on behalf of India.

Anand Laddha
Head, Physical Protection System Section
SESSD, BARC, Mumbai - 400085

Annexure I

General terms and condition

1. The contract shall include free replacement of all spares provided in table 1 excluding consumables listed in table 2. Vendor shall provide the pre-fixed rate for the items not included in CAMC in offer which should remain fixed throughout the contract period.

The following critical parts will be covered for any faults in CAMC.

Table 1 – List of Items covered in CAMC for any fault	
1.	X-Ray Generator
2.	Digital Detector
3.	DAQ / SP Cards
4.	Central Processing Unit
5.	Motors
6.	Embedded Keyboard
7.	Any part costing less than 5000/-

The software support should be provided on site if required by BARC.

Table -2 List of Items not covered under CAMC	
	Lead impregnated rubber curtains
	Conveyor belt
	Electrical fuses
	Bulbs
	Indicating lamps
	Batteries
	UPS
	Stabilizers
	Any component costing more than 5000 apart from the list in Table 1

Vendor should quote pre-fixed rate giving GST to be charged for the items in table 2 which shall be valid throughout the contract period.

2. Qualifying criteria for bidders:

- 2.1. Any offer not containing separate envelope for **Technical bid (PART-A)** and **Financial bid (PART-B)** in sealed envelope and not clearly mentioning bid details on envelopes shall be considered invalid and rejected.
- 2.2. Workers/labourers given by the vendor should be well experienced in servicing and commissioning of similar type jobs.
- 2.3. All workers/labourers of the Vendor/Contractor employed for execution of job in this tender should have proper Personal Protective Equipment (PPE), the arrangement of which shall be made by Vendor/Contractor

- 2.4. The past experience of the firm in similar nature of work in BARC/DAE or in reputed Organization/Company shall be made available with Work Order copy and satisfactory completion certificate from the user.
 - 2.5. The quotation envelope shall be superscripted with **Description of the job and the Tender Ref. No.** as mentioned above.
 - 2.6. **Printed Letter Head:** Quotation should be printed on the letter head with authorized signature and stamp.
 - 2.7. **Offer of Firm:** Offer of those firms, who do not submit their quotation as per the details given in the tender and incomplete quotations in any respect shall not be considered.
 - 2.8. The department reserves right to extend the date of opening the quotations.
3. This contract shall not cover any physical damage, problems arising from unauthorized access to the machine and act of god. All faulty components which have been replaced by working components under the terms of the standard warranty will be property of the Vendor. and are returnable to the vendor company on total basis.
 4. Any bought out parts will be repaired or replaced by the original manufacturer as per their own policy. Any defective parts that need to be sent to vendor/OEM site will be responsibility of vendor & at vendor's own cost.
 5. All break-down calls shall be attended as per the Standard Day Contract.
 6. Day contract working timings are from 09:00 hrs to 17:00 hrs of Working Day with off on Saturday & Sundays & public holidays in a year.
 7. Under the comprehensive annual maintenance plan, Vendor/OEM or it's service partner will conduct total 4 one day visits per year for both user training and preventive maintenance of the machine.
 8. **Warranty:** Vendor shall provide warranty for the repaired/rectified component for one year from the commissioning and acceptance by the purchaser.
 9. **Payment Terms:**
 - 9.1. At the end of each quarter during AMC period.
 - 9.2. Payment shall be made by BARC Account only on satisfactory completion of Service as per the contracts terms & conditions and on production of bill, service record of XBIS during the quarter period, advance stamped receipt, guaranty/ warranty certificate, cancelled cheque and ECS/RTGS option form with pre-stamped receipt.
 - 9.3. Please forward your invoice in triplicate indicating the **service contract number** and **date**, for releasing payment.
 - 9.4. Advance /Part Payment or against delivery cannot be made.
 - 9.5. The contractor will not be eligible to claim any interest on account of delay in receiving any payment
 10. **Income Tax Recovery Clause:** Income tax @ 2% & TDS on GST @ 2% will be deducted from the bill.
 11. **Bills:**

Bill and cash receipts for payment may be forwarded with indicating our contract number for record. Please mention your GST NO., PAN No., on the bills.
Please ensure that our service contract number is quoted in all correspondences and bills etc.
 12. **Tax:**
 - 12.1. Income tax @ 2% & TDS on GST @ 2% will be deducted from the bill.
 - 12.2. GSTN Invoice: The invoice shall be raised by a registered supplier of taxable goods/services along with the other details:
 - 12.2.1. GSTN

12.2.2. PAN

12.2.3. Location of Supply

12.2.4. Tax Component to be separately indicated in the Invoice.

12.3. Supplier should provide the undertaking of depositing GST promptly in the form attached with this order.

13. If any of the employee, consultant, or partner of the company is an Ex- BARC employee, the same must be stated in the quotation clearly.

14. Termination of Contract:

14.1. While the contract is intended to be valid for a period of **three** years, this Division reserves the right to terminate this contract by giving a notice of one month and without any financial obligation on the part of this Division. In the event of cancellation of the contract for a reason or the other the payment for service carried out will be paid on pro-rata basis.

14.2. Proportionate amount shall be deducted from AMC charges for non-servicing period.

14.3. Minimum 3 months from the date of commencement of AMC, either party may terminate the contract with 3 months' notice.

15. **Emergency Call:** Emergency/Breakdown call from the user department should be attended immediately but not later than 24 hours at no extra cost.

16. **Replacement of spare parts:** The cost of the spare part replaced during the currency of the contract will be in the scope of Contractor for the parts which are under Comprehensive Annual Maintenance Contract. Request for a list of common spares needed for proper working may be stocked at the Vendor's Site. Before major breakdown work & replacement or major repair work it must be informed in advanced to us by Email & telephone.

17. Penalty:

- a. Penalty will be liable & levied to the agency in the case of not attending Minor breakdown complaints **@Rs.400 per hour** beyond 3 hours of lodging of complaints.
- b. For major breakdown **@ Rs. 1000/- per day** beyond 72 hours of lodging complaints.
- c. In case of routine preventive maintenance not carried out as per schedule, recovery @ 50% of unit rate will be recovered from RA bills.

18. **Safety & Security Rule:** The vendor shall follow all the safety procedures as per the normal industrial practice during the execution of the job at site. Any mishap occurring during the work due to unsafe workmanship shall be the vendor's liability. Security and transportation rules at BARC, Trombay premises shall be strictly followed.

19. Confidential Clauses:

- I. **Confidentiality** : No Vendor shall disclose any information to any third Vendor concerning matters under this contract generally. In particular, any information identified as "Proprietary" in nature by the disclosing Vendor shall be kept strictly confidential by the receiving Vendor shall not be disclosed to any third Vendor without the prior written consent of the original disclosing Vendor This clause shall apply to the sub-contractors, consultants, advisors, or the employees engaged by a Vendor with equal force.

"Restricted information" categories under section 18 of the Atomic Energy Act, 1962 and "Official secrets" under section 5 of the Official Secret Act, 1923: Any contravention of the above mentioned provisions by any contractor, sub-contractor, consultant, advisor or the employee of a contractor will invite Penal consequences under the aforesaid legislation.

Prohibition against use of BARC's name without permission for any publicity Purpose. The contractor or Sub contractor, consultant, advisor or the employees engaged by the contractor shall not use for any public purposes through any media like press, TV, or internet, without the prior written approval of BARC.



(Anand Laddha)

Head PPSS, SESSD

For and on behalf of India.

Annexure II

Scope of Work for CAMC

1. General:

This CAMC of X-Ray Baggage Inspection Systems is for the Rapiscan make X-Ray Baggage Machine (Model name: 620XRW 140) installed at SG, BARC Mumbai in 2014. It is proposed to enter into Comprehensive Annual Maintenance Contract with OEM or any other technically capable & experience firm, for maintenance of the Systems during the period of this contract.

The Scope of Work for CAMC

- I. Vendor has to maintain X-ray Baggage Scanner Machine (make: Rapiscan, model name: Rapiscan 620XRW 140) at South Gate, BARC, Mumbai.
- II. Vendor should arrange all minor spares which will required for repair work like nut, bolts, switches, wire plugs, cleaning chemicals etc.
- III. Vendor shall do the all cleaning &overhauling of the X-Ray machine with proper oil and cleaning liquid or chemical and remove all the dust from inside spare parts and outside spare part.
- IV. Vendor shall clean the work area after the repair & maintenance work and it will be responsible for the manage transport of the old scrap spare parts & wastage to proper dump site.
- V. Vendor shall do the arrangement for transport of all the replacement parts and machines & manpower whenever required for CAMC by own cost.

Note: Work Place Location is at South Gate, BARC

2. Maintenance Work

2.1. Regular work

- a. Thorough cleaning, lubrication, testing, re-adjusting, replacement of parts needed for proper operation.
- b. Check for loose connections if any and fix them
- c. Complete machine check-up and software update if any
- d. Belt Alignment Check, Image quality check, kV mA settings
- e. Check condition, wear-tear and function of the running and guiding rollers.
- f. Any upgradation or re-installation, repairing of equipment will be done without any extra cost as per requirement of user department.
- g. Preventive maintenance of this critical security systems will be carried out by only authorized personal of Vendor (minimum once in month) & record will be maintain by Vendor & forward along with each quarter bill, Failure to such will be treated as no preventive maintenance done & will be liable to penalty of maximum upto 50% of RA bill.
- h. To repair defects during the currency of the contract.

- i. To keep the equipment in up to date condition during the currency of the contract.
- j. Preventive maintenance and emergency visits for the UPS shall be carried out.
- k. Parts which are not under CAMC to be repaired and GST bill is to be submitted for payment on cost plus basis.

2.2. Inspection of the following list of components and functions

- a. Closing edges& seals
- b. Tracks, running rails, fixed hinges
- c. Rollers
- d. Mounting of the drive unit and its cabinet
- e. Tightness of the belt casing
- f. Lubricant
- g. Braking action
- h. Condition of electric leads and connections
- i. Drive belt
- j. Overload protection
- k. Control system
- l. Control devices, push buttons, and key switches
- m. Limit switch
- n. Motor protecting switch
- o. Main switch
- p. MERGENCY SHUT OFF buttons

2.3. Frequency of Maintenance

- a. Routine servicing/ Cleaning &Dusting : Once in month
- b. Full Preventive Maintenance & Servicing : Quarterly

2.4. Shifting:

In case the BARC desires to shift the said system from one location to another, such shifting shall be done under the supervision of Vendor/OEM representative, at the mutually agreed Terms & Conditions. Necessary support like forklift, chain pulley, labour etc. shall be provided by the BARC.

2.5. BARC Scope:

- a. BARC will provide permission required to carry out work at BARC premises.
- b. BARC employee will supervise the work.
- c. BARC will test, inspect and qualify the job.