

 	<p style="text-align: center;">रेशमकीट बीज प्रौद्योगिकी प्रयोगशाला राष्ट्रीय रेशमकीट बीज संगठन केन्द्रीय रेशम बोर्ड, वस्त्र मंत्रालय, भारत सरकार <u>कर्मलराम डाक, कोडति, बेंगलूर 560035</u> SILKWORM SEED TECHNOLOGY LABORATORY National Silkworm Seed Organization Central Silk Board, Ministry of Textile, Govt. of India, Kodathi, Carmalram Post, Bangalore 560 035 080-28440492; Fax: 080-28440494; E-mail: sstlbng@yahoo.com</p>
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No.CSB/NSSO/SSTL/8(2)/Coldrooms/12-13

Date:- 20.2.2017

To

Speed Post

Sub:- Invitation of sealed quotes from the **authorized service providers/OEM Suppliers/ Service providers**
In respect of “ RINAC “ make cold Rooms for entering into
Annual Maintenance Contract – Reg.

Silkworm Seed Technology Laboratory, NSSO, CSB, Carmelram Post, Kodathi, Sarjapura Road, Bangalore-560 035 invites sealed quotations from the Authorized Service Provider/Original Equipment Manufacturer for entering in to Annual Maintenance Contract for RINAC make Cold Rooms installed at this unit as detailed below :-

Description of the Cold Storage Plant, SSTL, Kodathi

Silkworm Seed Technology Laboratory (SSTL) functioning under NSSO, Central Silk Board, Ministry of Textiles, Govt. of India, is carrying research on silkworm seeds. The Cold Storage Plant, SSTL, Kodathi was established for preservation of Silkworm Seeds. As live Silkworm eggs are to be preserved systematically as per scientifically designed preservation schedules, the room temperature and relative humidity should be maintained accurately as per the requirements. Hence, the Firms which may be awarded with Annual Maintenance Contract of Cold Storage Plant, SSTL, Kodathi shall maintain with utmost accuracy and care without any breakdowns during the Contract Period. .

Cold Storage Plant, SSTL, Kodathi was supplied, installed and commissioned during the year March, 2000 by M/s RINAC India Limited, Bangalore. The total capacity of refrigeration system is around **60,000 BTU/Hour**, consists of 5 chambers including Ante Chamber of different temperatures housed in one building with DX-Type Refrigeration System. Each Cold Room is having independent Refrigeration system consists of Air- Cooled condensing units suitable for out door installation, Controls, forced draft DX-Type evaporator, Electrical Control Panels with Digital Temperature Indicator and walls, ceiling and flooring are made of PUF panels. The size of the Cold Rooms, required temperature etc, are indicated in design data for reference.

Contd...2/-

Equipment Details

<u>S.No.</u>	<u>Model</u>	<u>Description</u>	<u>Component Details</u>	<u>Capacity</u>
1	ACHP-A13X	RINAC ref unit ACHP-A13X	RIN800005	12,000/13,000.0 Btu
2	ACHP-A13X	RINAC ref unit ACHP-A13X	RIN800003	12,000/13,000.0 Btu
3	ACHP-A13X	RINAC ref unit ACHP-A13X	RIN800006	12,000/13,000.0 Btu
4	ACHP-A13X	RINAC ref unit ACHP-A13X	RIN800004	12,000/13,000.0 Btu
5	ACHP-A13X	RINAC ref unit ACHP-A13X	RIN800002	12,000/13,000.0 Btu

PROCEDURE FOR SUBMISSION:

The process of tender shall involve submission of bids in TWO parts namely Technical bid and Financial bid:

Technical bid:

The sealed technical bid enclosing the following should be submitted:-

- A demand draft towards EMD.
- copies of certificate for establishing eligibility /qualification criteria
- A copy of the acknowledgement of Income Tax Returns for the year 2013-14, 2014-15 and 2015-16.
- A copy of the registration certificate of Service tax /value added tax.
- A self attested certificate declaring that the AMC company is not a defaulter in any of the previous transaction with the board / other govt. departments, not black listed/debarred by any govt. department and not executed similar nature of AMC work through another contractor as per format.

The Technical bid not in compliance with the above will be liable for rejection.

Financial Bid:

The Financial bid shall be submitted in the price schedule format

The **Technical** and **Financial Bids** should be sealed by the bidder in separate covers appropriately super-scribing as “Technical bid” and “Financial bid” as the case may be. The sealed covers containing technical bid and Financial bid are to be put in a bigger cover which should also be sealed and duly super-scribed on the cover as **“ Tender for Annual Maintenance Contract for Cold Storage Plant”**

TECHNICAL BID

Format of Technical Bid of the tender for Annual Maintenance Contract for Cold Storage Plant installed at SSSL, Kodathi

Profile of the Company

1	Name of the Tenderer (in Block letters), his/her full postal address, phone / fax and mobile No.	
2	Whether it is Registered Company or partnership company or proprietorship company.	
3	If Registered Company, copy of the Registered Certificate should be enclosed. In case of partnership concern, copy of the partnership deed should be enclosed.	
4	Certificate to establish satisfactory completion of at least two years experience in providing AMC Services with Central / State Government / Autonomous Govt. Bodies / Public Sector Undertakings/ or with any firms	
5	EMD enclosed. If yes, DD No., and Date.	
6	Copies of Income Tax Return acknowledgement clearance of 2013-14, 2014-15 and 2015-16.	
7	Brief profile of company (year of establishment/ No. of service personnel (attach separate sheet) a) Year of establishment b) No. of service personnel working and their qualification / experience.	
8	Has your company defaulted/been blacklisted by any Govt. agency in the past.	Yes / No
9	Any other information.	

DECLARATION

I/We hereby declare that the information furnished in this statement is true and correct to the best of my knowledge and I/we am/are aware that in case of any information is found to be incorrect at a later date my/our company will be liable for disqualification from the tender.

Place:

(Signature)

Date:

Name & Designation with Company seal

FINANCIAL BID

Format of Financial Bid of the tender for Comprehensive Annual Maintenance Contract for the Cold Storage Plant installed at SSSL, Kodathi for **a period of 3 years**.

Price Schedule Format

#	Particulars	Rate per Cold Room for one year	No. of Cold Rooms installed	Total amount for one year	Total amount for THREE years
	Comprehensive Annual Maintenance Contract for the Cold Storage Plant		5 Nos.		
	Total				

(Taxes extra as applicable)

**Total price =
(in Rupees & words)**

Note :

- In case of discrepancy between unit price and total price, the unit price shall prevail
- The rate quoted shall be on Comprehensive basis which inclusive of all parts as indicated in Commercial terms and only basic rates shall be quoted. Taxes is extra as applicable.

DECLARATION

I/We hereby declare that the above AMC Charges for the period of THREE years are for the Cold Rooms mentioned in the tender document. I/we abide by all the terms and conditions of tender for the AMC of Cold Rooms.

Place:

Date:

**(Signature)
Name & Designation
(company seal)**

Contd...5/-

TERMS & CONDITIONS:(Technical)

- 1) The Firms / Companies, who are authorized/OEM Supplier/Service provider submit the bids, should have at least 2 years experience in undertaking erection / maintenance of Centralized Air-conditioning and Cold Storage Plants. A certificate to this effect may be enclosed.
- 2) The firm shall furnish the number of technical personnel available, their qualification and experience in the maintenance of related equipments over a period of 3 years.
- 3) The Cold Storage Plant consisting of 5 Chambers including Ante Chamber of different temperatures i.e , 2.5°C, 5°C, 10°C, 15°C and 20°C in one building.
- 4) The Firms which submit the Quotations shall render at least minimum 4 Quarterly AMC Services during one year period of the Contract, irrespective of its proper functioning or otherwise.
- 5) Apart from 4 Quarterly AMC Services mentioned in point No.4, the Firms shall attend to all break down / repairs of the Cold Storage Plant including stabilizer as and when intimated by the In charge Officer of the unit.
- 6) During the Quarterly check up of the Cold Storage Plant, the technician of the Firm shall carry out the following routine services for smooth functioning of the Cold Rooms:
 - a. Checking of the incoming voltage / out put voltage, current drawn on individual phases at the time of running of Cold Storage Plant.
 - b. Checking of the working pressures in the system.
 - c. Checking of the room Temperatures and Relative Humidity in all the Cold Rooms.
 - d. Cleaning of the outdoor unit, including air cooled condensers, fins, Fans, cabinets, electrical circuits etc.,
 - e. Cleaning of Evaporator coils, fins, fans, motors, etc.,
 - f. Checking of all safety cut outs, refrigerant controls etc., for proper functioning.
 - g. Checking and arresting of any abnormal sound / noise in the system.
 - h. Leak testing of the entire system and arresting the leaks, if any, found in the system.
 - i. Attending to any other points / defects that may be instructed by the In-charge-Officer of the Unit.
 - j. After attending to the services, leaving the site in neat & clean condition.

- 7) All the controls in the refrigeration system like thermostats, Humidistat's, expansion valves, solenoid valves, dual pressure controls and oil safety switches etc., should be replaced as and when required.
- 8) Necessary **R- 22** should be charged to the system as and when required during 3 years AMC period.
- 9) **R-22** and other emergency items are to be kept as stock for immediate use in case of exigency.
- 10) Attending the defects as & when called upon by the customer.
- 11) Replenishing refrigerant required as a result of exhaust, leak in the system arising out to wear & tear.
- 12) Lubricating the bearings of the Fan motors whenever found necessary.
- 13) Painting of equipments once in 2 years.
- 14) All the electrical items which are not related to refrigeration system can be excluded from the quotation.
- 15) The necessary equipments / materials for carrying out the cleaning etc, should be arranged by the Firm itself.
- 16) Whenever the technicians visit the site for attending to the repairs or rendering routine AMC services, he shall visit the site in the morning at least before 11.00 A.M. and spend a minimum period of 3 - 4 hours by carrying out all the repairs / services and also to observe the performance of the Cold Rooms. After attending to the services / repairs, he shall call either the In-charge Officer or his authorized staff and show the all the Cold Rooms in good working condition. He shall also submit necessary service reports for separately for the satisfactory AMC services rendered by him. He shall inform his visit to the unit In-charge Officer well in advance.

TERMS & CONDITIONS(Commercial)

1. The Firms which submit the bids shall have at least a minimum period of 2 years experience in the centralized Cold Storage Plants / Air-conditioning Plants, out of which 2 years should be connected with rendering Annual Maintenance Contract for the Cold Storage Plants.

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2. The Firms shall enclose necessary proof, i.e, either work order copies or Credential Certificates from the concerned customers / Departments / Company for having rendered or undertaken AMC services of Cold Storages of similar type or much bigger magnitude. The Firms shall also enclose copies of Annual Turn over of the Firms, I.T Clearance Certificates etc., along with the bid.
3. The bidders are advised to accept and sign each page of the tender document with stamp/seal.
4. The Firms shall submit the Annual Maintenance Contract charges of the Cold Storage Plant for three years period. On no account, the quoted rates will be enhanced during the 3 years period of the Contract. The Annual Maintenance Contract charges will be released in advance on yearly basis against submission of Bank Guarantee for the total AMC Charges and Contract Agreement on Non-Judicial Stamp Paper.
5. The In-Charge Officer has got the rights to award or cancel Annual Maintenance Contract.
6. The Annual Maintenance Contract Charges will be released on yearly basis. However, the services rendered by the Firm during a particular year will be reviewed in the next year and based upon the services rendered by the Firm during the previous year; payment will be released in advance for the next year.
7. At the time of submission of Invoice for releasing yearly advance payment itself, the Firm shall submit Service Reports of the Cold Storage Plant countersigned by the In-Charge Officer in respect of the previous year. Based on the Service Reports, the AMC charges will be released for the next year.
8. The Firms shall submit AMC charges for the Cold Storage Plant on Comprehensive basis, which shall include the cost of all refrigeration machineries i.e Compressor, condenser & evaporator fans, copper piping, valves (Solenoid & expansion valves), hand shut off valves, filters, electrical contactors connected to refrigeration system, Temperature Controllers, Humidifiers, stabilizer etc. All the essential spares / components / controls including gas charging and electrical spares / other components which are part of the refrigeration system that may be required for replacement during the contract period shall be included in the Quotation.
9. The Refrigeration Machineries/parts gone defective due to abnormal incoming voltage which is beyond the control of the contractor/firm and not involving the firm's fault or negligence i.e fires, strike, earthquake, floods, epidemics and power supplier fault. Such repairs will not come under the scope of AMC. However, the reason for such defects will be examined by the In-Charge Officer of the unit / technical person from the customer.

Contd...8/-

10. The break down information of the defects in a particular Cold Room of Cold Storage Plant shall be initially intimated to the Firm, through Phone Call by the In charge Officer / staff of the respective units. On receipt of the break-down information through telephonic message, a break-down complaint number should be intimated by the Firm to the person of the concerned Unit. This number is the proof of receipt of complaints and taking action for attending to the repairs. Further, communication will be given if necessary, through Letter / Fax Message / E Mail / Telegram, etc., depending upon the facilities available in the respective locations.
11. The Firms shall attend to the defects of the Cold Storage Plant at the earliest possible time, i.e, within 48 hours from the time of receipt of the break-down complaint. If the Cold Room/s are not functioning for more than 5 days in a Quarter, a penalty of Rs.200/- per day per Cold Room shall be levied on the Firm for the exceeding days. For calculating the penalty, each Cold Room will be considered as One Unit and Ante Chamber will be considered as a separate Unit.
12. On no account, the Cold Rooms shall go idle due to break-downs for more than five days in a Quarter irrespective of the number of break downs occurred in a quarter.
13. The penalty will be calculated at the end of every quarter on the basis of number of days the Cold Rooms remained non-functional during that particular Quarter. The amount of penalty calculated, if any, will be deducted at the time of release of the AMC charges for the next year or otherwise by invoking the Bank Guarantee as the case may be.
14. The Service Engineers / technicians should not mishandle any items of machinery / equipments / electrical fittings etc, and should be careful when they perform maintenance work of the Cold Rooms. If any damage is caused to the departmental property during the course of work, the cost will be recovered from the contractor from his bills due for payment.
15. The Firms interested to see the Cold Storage Plant before submission of Quotations can visit the place during Office working hours from 10.Am to 4.pm on any working day
16. The Firms awarded with the Annual Maintenance Contract of Cold Storage Plant should not sub contract the Annual Maintenance Contract to a third party or abandon the work in the middle of the Contract period. In case of any breach of any of the terms, the Director, NSSO reserves right to take such action as deemed fit in the facts & circumstances of each of such case.

17. **The Firms can submit the bids shall be accompanied with Earnest Money Deposit (EMD) of 2% of the estimated value in the form of Demand Draft/Pay order. The Demand Draft/Pay order shall be drawn in favor of “ The Director, Silkworm Seed Technology Laboratory, Kodathi, Bangalore”.**
18. **No exemption from submission of EMD, on any grounds, will be allowed. Any bid not accompanied by EMD will be rejected, as non responsive.**
19. The successful Firm who may be awarded with the Annual Maintenance Contract shall furnish Contract Agreement containing terms & conditions on non-judicial stamp paper of value Rs.200/- and 100% of the total quoted AMC Contract value in the form of Bank Guarantee towards performance security. This security shall have a validity period of one year and three months and the Bank Guarantee will be renewed on yearly basis.
20. All the Quotations submitted shall have a validity period of 180 Days from the date of opening of the bids.
21. The envelope shall indicate the name and address of the party to enable the bid to be returned unopened in case it is declared “late”.
22. If the envelope are not sealed and marked as required, the purchaser will assume no responsibility for the quotation misplacement.
23. The quotation received by email, facsimile will be summarily rejected.
24. The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the firm, in which case such corrections shall be initialed by the person or persons signing the quotation.
25. The purchaser may, at its discretion, extend this deadline for submission of quotations by amending the documents in which case all rights and obligations of the purchaser and parties previously subject to the deadline will thereafter be subject to the deadline as extended.
26. **All the Sealed Quotations shall be superscripted as “ Quotation for Annual Maintenance Contract of Cold Storage Plant installed at SSTL, Kodathi, Bengaluru” and shall be addressed to “The Scientist-D & Head, Silkworm Seed Technology Laboratory, Central Silk Board, National Silkworm Seed Organization, Govt of India , Ministry of Textiles, Carmel ram Post, Kodathi, Bengaluru-560 035”.**
27. The last date for submission of Sealed bids at this Office will be on or before **3.00 P.M. on 15.03.2017**. The bids received after 3.00 P.M on the last date stipulated will be summarily rejected.

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28. The purchaser will open the tenders/ bids, in the presence of representatives of the firms who may wish to participate for quotation opening **at 3.30 pm on 15.03.2017 at Silkworm Seed Technology Laboratory, Central Silk Board, National Silkworm Seed Organization, Carmelram Post, Kodathi, Bengaluru-560 035** The Firms interested to be present at the time of opening of the bids can attend the tender opening.
29. The Technical bids will be opened on the same day i.e., on the date and time specified above, in the presence of bidders or their authorized representatives who choose to attend at the office of **Silkworm Seed Technology Laboratory**, Central Silk Board, Carmelram Post, Kodathi, Bangalore 560 035. The technical bids shall be evaluated by the committee and clarification if any sought from the bidders/firms on or before 20.3.2017. The technically qualified bidders/firms will be intimated and the financial bids of only those bidders/firms whose technical bid are accepted shall be opened by the committee on 20.3.2017 at the same address as mentioned above.
30. The EMD of the unsuccessful bidders shall be refunded after awarding work order and acceptance of work order by the successful bidder. The E.M.D of the successful bidder shall be returned after acceptance and signing of the Annual Maintenance Service Contract and furnishing of the Bank Guarantee as mentioned above.

Yours faithfully,

(T.JAYAPPA)
SCIENTIST-D & HEAD