

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
SATISH DHAWAN SPACE CENTRE SHAR SRIHARIKOTA (SDSC SHAR)
NELLORE**

Tender for CAMC for servicing and maintenance of Kirloskar make screw chillers located at SDSC SHAR for a period of Two Years

Bids to be submitted online

Tender No.: SDSC SHAR/SCF-2(CMG, TEL, SFS, MSA, EF&HD, SR, TOMD, CANTEEN)/SH202200050201 dated 18-11-2022

A. Tender Details

Tender No :	SDSC SHAR/SCF-2(CMG, TEL, SFS, MSA, EF&HD, SR, TOMD, CANTEEN)/SH202200050201
Tender Date :	18-11-2022
Tender Classification:	SERVICES
Purchase Entity :	SCF-2(CMG, TEL, SFS, MSA, EF&HD, SR, TOMD, CANTEEN)
Centre :	SATISH DHAWAN SPACE CENTRE SHAR SRIHARIKOTA (SDSC SHAR)

CAMC for servicing and maintenance of Kirloskar make screw chillers located at SDSC SHAR for a period of Two Years

This Tender is processed on Public Tender-Two Part basis.

Bidders should not disclose any price details in the Technical Bid.

Price bid opening Date is Tentative only. However exact date shall be intimated after evaluating the Technical Bid.

A.1 Tender Schedule

Bid Submission Start Date :	18-11-2022 13:00
Bid Clarification Due Date :	25-11-2022 12:00
Bid Submission Due Date :	12-12-2022 16:00
Bid Opening Date :	12-12-2022 16:01
Price Bid Opening Date :	31-01-2023 12:00

B. Tender Attachments

Technical Write-up/Drawings

Document : Annexure for kirloskar chillers

Document : Scope of Work for CAMC Screw Chillers

Document : Specified chiller details location wise

Instructions To Vendors

4. Tender- Two part Instructions

1. 1. This requirement can be quoted only through online e-procurement mode using ISRO portal <https://eproc.isro.gov.in>. No manual tender will be considered.
2. The vendors have to get themselves registered in above site to download the tender details. To register in above ISRO portal (<https://eproc.isro.gov.in>) the vendors need to have digital certificate The digital certificate can be obtained from any digital certifying authority like M/s (n)Code solutions; M/s Tata Consultancy Ltd., M/s Satyam Information System etc.
3. The parties are advised to download the tender and submit the bid on online at least two days prior to tender closing date to avoid last minute network problem. The due date shall not be extended due to network or computer related problems.
4. Tender fee is not applicable.
5. This being a two part tender i.e. Technical & Commercial Part and Price Part, the tenderer should not attach any documents containing Pricing information along with Technical & Commercial Bid. Normally we do not open PART-II (Price bid), if PART-I (Technical Offer) does not meet with our technical specification requirements. Price bid opening date mentioned in the tender document/ Schedule is tentative only. However, price bid opening will be made only after satisfactory completion of Part-I technical bid evaluation and with prior intimation to vendors.
6. Our Tender Enquiry contains technical requirements and specification. The detailed technical specification of your offer should be covered in the technical part. The Technical documents need to be attached online as a single PDF file without any prior information. The tender attachments containing Price details will be treated as unsolicited offers and rejected.
7. The quote should indicate quantity wise unit rate separately which have to be filled online. The Prices are to be mentioned both in figures as well as in words. The taxes, duties etc. are to be calculated and indicated in the column provided in online forms explicitly.
8. Bidders are expected to comply with the technical & commercial and other terms and conditions given in vendor specified terms of this tender. In case of any deviation, the reasons thereof should be clearly specified in the vendor specified terms column.
9. The vendors have to compulsorily submit the compliance statement online otherwise their offer will

not be considered for further evaluation. Before entering the compliance statement, vendors are advised to refer the detailed specification provided in the Technical Write-up/ Drawings document. The specification offered by the vendors may also be indicated in the compliance statement wherever necessary.

10. The Technical Specification / Drawing / Product Catalogues / Works carried by vendor / Make offered etc. as a single PDF file without any financial details has to be uploaded online mode by the vendor. This being TWO PART TENDER the PDF document uploaded should not contain any commercial/pricing details. If the attached PDF contains any pricing detail the offer will be treated as unsolicited and will be summarily rejected.

11. Original Equipment Manufacturer (OEM) or their representative can submit bid. Indian agents while quoting on behalf of their principals are requested to attach necessary authorization letter from their Principals in their bid.

12. Instructions on Indian Agent (if any):- Bidders are required to provide the following information in respect of their authorized Indian Agent, if any, alongwith technical bid as the same is mandatory as is required for consideration of the bid. Name, Address, Telephone no. , fax no., email of the Indian Agent including the contact person.

13. A letter from the OEM in the current date certifying that the said Indian Agent is their authorized Indian Agent and also indicating the responsibilities/role of the Indian Agent under the proposed purchase. Remuneration/service charges payable to the Indian Agent under the proposed purchase.

14. The offer should be valid for a minimum period of 120 days from the date of tender opening or as specified in the tender document.

15. Due date & time: Sufficient time has been allotted for Bid submission. Vendors are requested to complete Bid submission well in advance. Last minute requests for due date extension citing server problems etc. will not be entertained. Bids will not be entertained after the due date and time.

17. The vendors may contact +91471 2565454/4574/2527/3753/3289 or eproc@vssc.gov.in for any technical assistance in bid submission.

18. Once the offer is submitted in on line mode by the vendor and bid submission period is over, vendor will not be able to provide revised offer.

19. Request for the extension of the due date will not be considered.

20. Tender which are not prepared in terms of these instructions are liable to be rejected.

21. Based on the response to the e-Public Tender Notice, SDSC SHAR reserves the right to change any milestone date of the tendering activity.

22. SDSC SHAR reserves the right to verify all claims made by the bidder.

23. Tender Opening : The Technical and Commercial Bid [Part-I] will be opened on the specified day mentioned in the schedule and in case any further clarification/ discussion are required, such clarification/discussion shall be called for before opening the Price Bid.

24. The exact date and time of opening of price bid of successful tenderers will be intimated later.

25. Tenderers can participate in the said tender opening to know the details on for which, the representative of the firm shall be duly authorized by Competent Authority. Against proper authorization only such representatives shall be allowed to attend the tender opening. Tenderer Presence is not mandatory to consider the Quote for evaluation.

26. SDSC SHAR, SRIHARIKOTA reserves the right to accept or reject any/or all the tenders in part or

full without assigning any reasons thereof.

5. STANDARD TERMS & CONDITIONS

1. Tele No.08623-/225174/226043

Fax No.08623-225170/22-5028

e-Mail ID : hps@shar.gov.in, nair_binu@shar.gov.in, vaishnavee.s@shar.gov.in

1. Instruction to Indigenous Suppliers:

a) Payment Terms shall be as specified in RFP. If not specifically mentioned Our Normal payment term is 100% within 30 days after receipt and acceptance of the item at our site. Please confirm acceptance in your quotation.

b) GST/IGST: Please specify GST percentage, if any, in your offer. Please mention HSN code in your offer.

c) Purchase / Price preference to MSEs

Purchase/Price preference will be applicable to the product reservation admissible to the Micro and Small Enterprises. Purchase/Price Preference shall be extended to the MSEs under the Public Procurement Policy for MSEs formulated under the Micro, Small and Medium Enterprises Development Act, 2006. The participating MSEs in a tender, quoting price within the band of L-1 + 15% may also be allowed to supply a portion of the requirement by bringing down their price to the L-1 price, in a situation where L-1 price is from someone other than an MSE. Such MSEs may be allowed to supply up to 25% of the total tendered value. In case of more than one such eligible MSE, the supply will be shared equally.

Micro & Small Enterprises which have technical capability to deliver the goods & Services as per prescribed technical & quality specifications and may not be able to meet the qualification criterion relating to prior experience-prior turnover may be relaxed as per guidelines issued by Ministry of MSMEs & as amended from time to time.

Interested vendors shall specifically claim the benefit with supporting documents.

d) Purchase / Price preference to Make-in-India Products:

Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document 50%. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs. 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or chartered accountant

for OEMs other than companies as per the Public Procurement (preference to Make-in-India) order 2017 dated 04.06.2020. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

2. Instruction to Foreign Suppliers:

- a) Payment Terms shall be as specified in RFP. If not specifically mentioned Our normal payment term is SIGHT DRAFT, Please confirm acceptance in your offer, if you insist for L/C, and all bank charges shall be to your account. Confirm acceptance.
- b) Please specify whether any export clearance is required in case of an order on you.
- c)Warranty/Guarantee applicable for the item shall be mentioned in your offer
- d)Special Certification for packing Material : as per Plant Quarantine (Regulation of Control into India) Order 2003, Articles packed with packing material of plant origin viz., hay, straw, wood shavings, wood chips, saw dust, wood waste, wooden pallets, Dunn age Mats, wooden packages, coir pith, pear or sphagnum moss etc., will be allowed entry by Customs only with a Phytosanitary Certificate. In case if a Purchase Order, if you propose to us any of the above material for packing such a certificate issued by your local Plant Quarantine Authority shall be furnished.
- e) Confirm whether any Export License is required and for which End User Certificate is to be provided by us, in case of an Order on you. (Enclose format for EUC, if applicable)
- f) Either Indian Agent on behalf of the foreign principals or the foreign principal directly can quote against this order, but not both. In either case an Indian agent cannot represent more than one principal against the same tender.
- g) In case the quote is in INR we prefer to execute the same on HSS Basis and for which Concessional Customs duty as per Notification no.50/2017 Customs dated 30.06.2017, Serial No.539(A) as amended by Notification no.05/2018 dated 25.01.2018. In case the quote is on Indian Rupee (Outside High Sea Sale), the price shall include taxes and duties if any. We shall not able to provide any duty or IGST tax exemption/concession certificates. If the item quote is of USA make, please quote for all-inclusive price since we prefer to get the item on FOR destination basis.
- h) Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with Competent Authority as specified in Office Memorandum no.F.No.6/18/2019-PPD, Ministry of Finance, Department of Expenditure, Public Procurement Division dated 23rd July 2020. All the conditions mentioned in the above OM is applicable for this tender.

Common terms to Indigenous and foreign suppliers:

3.Warranty

You shall provide applicable warranty for the items offered by you without fail. For the applicable period

you shall provide necessary warranty certificate.

4. Performance Bank Guarantee

Towards the performance of the systems during the warranty period you shall submit a performance bank guarantee equivalent to 3% of the order value to cover the warranty period. This PBG shall be interest free and the same shall be returned to you on successful completion of all contractual obligations. The said PBG shall have a further claim period of 2 months.

5. Security Deposit

On acceptance of the order, you shall submit an interest free amount equivalent to 3% of the total contract/order value towards security deposit. This security deposit is collected towards the performance of the Contract. The said Security Deposit shall be submitted either in the form of Bank Guarantee/Demand Draft/FDR receipts duly endorsed in the name of the centre. The Security Deposit will be returned to you on successful completion of the Contractual obligations; failing which it shall be forfeited/adjusted.

6. Offer Validity

Your offer shall be valid for 120 days in case of 2 part / 90 days in case of single part from the date of tender opening. In case you offer validity is less than the mentioned above, the said offer is liable for rejection which may please be noted.

7. Liquidated Damages:

If you fail to deliver the ordered items satisfactorily within the time specified or any extension thereof, Liquidated Damage @ 0.5%(zero point five percent) of the order value or part thereof the un-delivered items for each calendar weeks of delay shall be recovered from your bill. However total Liquidated Damage shall not exceed 10% (ten percent) of the order value.

FORCE MAJEURE:

Should a part or whole work covered under this contract be delayed in delivery/completion of work due to reasons of Force majeure which shall include legal lockouts, strikes, riots, civil commotion, fire, accidents, quarantines, epidemic, acts of God & War, stoppage of deliveries by the Government , freight embargoes etc; the delivery period/completion of work referred to in this Contract shall be extended by a period not in excess of duration of such Force Majeure. The occurrence shall be notified by either party within reasonable time.

8. Offers received through post, courier, fax or email will not be considered.

9. Technical and commercial bid (Part-I) shall not contain any price details. Optional accessories or other price details, if any shall be uploaded in Supporting documents related to Price Bid, to be opened along with Price Bid.

10. In respect of FIM being issued, the fabricator shall submit Bank Guarantee for equivalent sum compulsorily. In case, submission of Bank Guarantee is not possible, the reasons there for shall be clearly mentioned. However, for such cases the fabricators at their cost shall secure such FIM through Insurance Policy with Director, SDSC SHAR as beneficiary. In case of PSU and Government Organization, Indemnity Bond in lieu of Bank Guarantee is acceptable. Balance FIM/Scrap, if any shall be returned along with the supply of the items. Please confirm acceptance in your quotation.

11. SDSC SHAR shall have the right to place part order among the parties for the items for which

they are the lowest.

12. Arbitration:

In the event of any dispute/s, difference/s or claim/s arising out of or relating to the interpretation and application of the Contract, such dispute/s or difference/s or claim/s shall be settled amicably by mutual consultations of the good Offices of the respective Parties and recognizing their mutual interests attempt to reach a solution satisfactory to both the parties. If such a resolution is not possible, within 30 days from the date of receipt of written notice of the existence of such dispute/s, then the unresolved dispute/s or difference/s or claim/s shall be referred to the Sole Arbitrator appointed by the Parties by mutual consent in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 as amended from time to time. The arbitration shall be conducted in Bengaluru in the Arbitration and Conciliation Centre Bengaluru (Domestic and International) as per its rules and regulations. The expenses for the Arbitration shall be shared equally or as may be determined by the Arbitrator. The considered and written decision of the Arbitrator shall be final and binding between the Parties. The applicable language for Arbitration shall be English only.

Work under the Contract shall be continued by the CONTRACTOR during the pendency of arbitration proceedings, without prejudice to a final adjustment in accordance with the decision of the Arbitrator unless otherwise directed in writing by the DEPARTMENT or unless the matter is such that the works cannot be possibly continued until the decision (whether final or interim) of the Arbitrator is obtained.

13. As per Rule 144 (xi) to GFR any bidder from a country - for any goods/services including consultancy and non consultancy services and turnkey projects -- that shares a land border with India, will have to be registered with a competent authority.

6. General Instructions to Vendor

1. Instructions to tenderers

TeleNo.08623-225174/226043

Fax No.08623-225170/22-5028

e-Mail ID : hps@shar.gov.in, nair_binu@shar.gov.in, vaishnavee.s@shar.gov.in

1. Interested tenderer s may, at their option, login to <https://eproc.vssc.gov.in> and submit your offers.

2. TENDER FEE IS NOT APPLICABLE.

3. EARNEST MONEY DEPOSIT IS NOT APPLICABLE IF NOT MENTIONED IN THE RFP SPECIFICATION.

4. Indian agents while quoting on behalf of their principals are requested to attach Principals original quote, necessary authorization letter from their Principals, copy of agency agreement etc. in their bid.

5. TWO PART BIDS: In case of Two part tender, price details shall not be uploaded in the Technical &

Commercial Bids (Part I), failing to which the bid will be treated as INVALID.

6. The offer should be valid for a minimum period of 120 days for 2 part / 90 days for single part from the date of opening.

7. Due date & time: Sufficient time has been allotted for Bid submission. Vendors are requested to complete Bid submission well in advance. Last minute requests for due date extension citing server problems etc. will not be entertained. Bids will not be entertained after the due date and time.

7 (A). Request for the extension of the due date will not be considered.

8.

(a) Bid Opening for Public Tender: In case of Public Tender-Two Part Tenders: Technical and Commercial Bids will be opened on the first day specified for Tender opening. Interested vendors can attend the tender opening session to know the bidding details (Bidders presence is not mandatory to consider the quote for evaluation). Price Bid opening of the selected vendors will be scheduled later and it will be intimated to the selected Bidder (s).

(b) For Limited Tender: Bidders participation is not allowed.

9. Prices are required to be quoted according to the units indicated.

10. Preference will be given to those tenderers offering supplies from ready stocks and on the basis of FOR destination delivery at site.

11. (a) All available technical literature, catalogues and other data in support of the specifications and detail of the items should be furnished as attachments.

(b) Samples, if called for, should be submitted free of all charges by the tenderer and the Purchaser shall not be responsible for any loss or damage thereof due to any reason whatsoever. In the event of non-acceptance of tender, the tenderer will have to remove the samples at his own expense.

(c) Approximate net and gross weight of the items offered shall be indicated in your offer. If dimensions details are available the same should be indicated in your offer.

(d) Specifications: Stores offered should strictly conform to our specifications. Deviations, if any, should be clearly indicated by the tenderer in their quotation. The tenderer should also indicate the Make/Type number of the stores offered and provide catalogues, technical literature and samples wherever necessary. Test certificates wherever necessary should be attached. Whenever options are called for in our specifications, the tenderer should address all such options. Wherever specifically mentioned by us the tenderer could suggest changes to specifications with appropriate response for the same.

12. The purchaser shall be under no obligation to accept the lowest or any tender and reserves the right of acceptance of the whole or any part of the tender or portion of quantity offered and the tenderers shall supply the same at the rates quoted.
13. All amounts shall be indicated both in words as well as in figures. Where there is difference between amounts quoted in words and figures, amount quoted in words shall prevail.
14. The tenderer will be required to furnish a document containing the name of his bankers as well as the latest income-tax clearance certificate duly counter signed by the Income-tax Officer of the Circle concerned under the Seal of his office, if required by the Purchaser.
15. The Purchaser reserves the right to place order on the successful tenderers for additional quantity up to 25% of the quantity offered by them at the rates quoted.
16. Sr. Head, Purchase and Stores, SDSC SHAR SRIHARIKOTA reserves the right to accept or reject any bid in part or full without assigning any reason thereof.
17. Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with Competent Authority as specified in Office Memorandum no.F.No.6/18/2019-PPD, Ministry of Finance, Department of Expenditure, Public Procurement Division dated 23rd July 2020. All the conditions mentioned in the above OM is applicable for this tender.

C. Bid Templates

C.1 Technical Bid - CAMC for servicing and maintenance of Kirloskar make screw chillers located at SDSC SHAR for a period of Two Years

1. Comprehensive AMC for AC chiller packages charges for Kirloskar make screw chiller Model KAS 180.2 for 2 years CAMC as per annexure

Item specifications for Comprehensive AMC for AC chiller packages

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Comprehensive AMC for AC chiller packages		-		

2. Comprehensive AMC for AC chiller packages charges for Kirloskar make screw chiller Model No: KWS120.2 for 2 years CAMC as per annexure

Item specifications for Comprehensive AMC for AC chiller packages

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Comprehensive AMC for AC chiller packages		-		

3. Comprehensive AMC for AC chiller packages charges for Kirloskar make screw chiller Model No: KWS190.2 for 2 years CAMC as per annexure

Item specifications for Comprehensive AMC for AC chiller packages

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Comprehensive AMC for AC chiller packages		-		

4. Comprehensive AMC for AC chiller packages charges for Kirloskar make screw chiller Model No: KWS150.2 for 2 years CAMC as per annexure

Item specifications for Comprehensive AMC for AC chiller packages

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Comprehensive AMC for AC chiller packages		-		

5. Comprehensive AMC for AC chiller packages charges for Kirloskar make screw chiller Model No: KAS185.24 for 2 years CAMC as per annexure**Item specifications for Comprehensive AMC for AC chiller packages**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Comprehensive AMC for AC chiller packages		-		

Common Specifications (Applicable for all items)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	To visit & check the operating parameters of the screw chillers every quarterly.	Quarterly	Yes / No / Explain		
2	To review the previous months operating log records and alarm history and assess the problems and healthiness of screw chillers.	Quarterly	Yes / No / Explain		
3	To inspect the screw chiller for any unusual vibration, noise etc. and rectify the problem if any.	Quarterly	Yes / No / Explain		

4	Check refrigerant level, gas leak test with electronic leak detector / standard leak testing method. If any abnormal, trace and rectify as necessary leaks. Inform to department in writing on the rectification.	Quarterly	Yes / No / Explain		
5	Inspect level and condition of lubricating oil. If abnormal, trace and rectify as necessary leakages. Inform department in writing on the rectification. If necessary, replace the lubricating oil as per the equipment manufacturer recommendations	Quarterly	Yes / No / Explain		
6	Checking the refrigeration system, motors and starters for performance and ensuring the overall healthy condition of the screw chillers. If found abnormal same shall be rectified or replaced with new components in the chiller control panel.	Quarterly	Yes / No / Explain		

7	Check liquid line sight glasses for proper flow. If found abnormal same shall be rectified or replaced with new components.	Half yearly	Yes / No / Explain		
8	Check all operating pressure and temperature sensors of screw chillers. If found abnormal same shall be replaced with new sensors.	Quarterly	Yes / No / Explain		
9	Inspect and adjust, if required, all operating safety controls. Check the interlocks of the safety & operating controls if required.	Half Yearly	Yes / No / Explain		
10	Check capacity control, loading & unloading mechanism of screw chiller and adjust if necessary.	Quarterly	Yes / No / Explain		
11	Lubricate vane / linkage / bearings if required, if found abnormality same shall be replaced.	Yearly	Yes / No / Explain		

12	Visually inspect the screw chiller and associated components, and listen for the unusual noise or sound for evidence of unusual conditions.	Quarterly	Yes / No / Explain		
13	Check lock bolt and chiller spring mounted bolts in every quarter and tighten if required.	Quarterly	Yes / No / Explain		
14	Providing written report to Department, outlining the services carried out, adjustments made, rectification carried out and if the deficiency is of the major nature, arrange with department for shut down to rectify equipment.	Quarterly	Yes / No / Explain		
15	To carry out the descaling of air cooled and water-cooled condenser tubes as & when required. Required consumables shall be supplied by contractor.	Half yearly	Yes / No / Explain		

16	Check the performance of the evaporator / Chiller and flush out the water once in a year. Maintain proper temperature difference in the chiller inlet & outlet. Any descaling of evaporator required same shall be carried out with required consumables.	Yearly	Yes / No / Explain		
17	To check the operation of the expansion valves, half yearly and any adjustment required same shall be carried out. In case of any abnormal function of expansion devise same shall be replaced with new one.	Half Yearly	Yes / No / Explain		

18	To check the proper functioning of microprocessor and take control test. In case of any malfunctioning of the micro controller same shall be rectified / Replaced with new one with required sensors, relays, electronic boards. In case of any reprogramming required in micro controller same shall be done as & when required for satisfactory functioning of chillers.	Quarterly	Yes / No / Explain		
19	To check / calibrate the flow switch for proper functioning of the chiller / water cooled condensers for safe operation of the chiller package.	Half Yearly	Yes / No / Explain		
20	To check the antifreeze and carrying out the setting of the same as & when required.	Half Yearly	Yes / No / Explain		
21	To check the safety setting of the screw chiller.	Half Yearly	Yes / No / Explain		
22	To check the LP / HP / Oil safety switch and replace the same, if found defective.	Half Yearly	Yes / No / Explain		

23	<p>All the breakdowns including the compressor failure, Condenser fan motor failures if any, shall be attended in this CAMC scheme. In case of compressor failure, Condenser fan motor failure, until rectifying the defective compressor / Condenser fan motor a stand-by shall be arranged to avoid the break in the operations. In case of part of chiller defective including compressor, same shall be repaired/replaced within the CAMC and attend the complaint within 48 hours after given complaint</p>	Quarterly	Yes / No / Explain		
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24	To clean the electrical panel of the chiller every quarter with air blower, if found any abnormality same shall be brought to the notice of the department and rectify the same. Cleaning of the contactor kits. Replacement of contactors, relays, electronic boards, display boards, transformers, CT coils, fuses, connectors, isolator switches in the chiller control panel if required.	Quarterly	Yes / No / Explain		
25	Check lubricating oil Heater / Thermostat if found abnormal same shall be replaced.	Quarterly	Yes / No / Explain		
26	Check motor terminals, connections in starter, compressor foundation bolts, all flanges for tightness.	Quarterly	Yes / No / Explain		
27	Check motor earthing, megger motor and connection wiring on each leg if found necessary	Half yearly	Yes / No / Explain		

28	Check motor temperature cut-out, tighten motor terminals if found necessary.	Quarterly	Yes / No / Explain		
29	Check starter contacts, arc shield transformer if found faulty same shall be replaced.	Quarterly	Yes / No / Explain		
30	Check dashpot oil, clean dashpot and replace oil when necessary as per the OEM recommendations. CAMC include lubricating oils and filters required.	Quarterly	Yes / No / Explain		
31	Inspect, Test & calibrate the overload settings of screw chillers.	Yearly	Yes / No / Explain		
32	Inspect, calibrate and adjust to original specifications of all gauges, safety and operating controls including low temperature and high-pressure cutout, oil pressure switch, load limit relay and electrical interlocks etc. for satisfactory operation of the screw chillers.	Quarterly	Yes / No / Explain		

33	For water cooled condenser systems, inspect condenser tubes for fouling. Carry out descaling of condenser if fouling exceeds original specifications, the contractor shall carry out cleaning of the tubes at his own expense including consumables.	Half yearly	Yes / No / Explain		
34	Check evaporator and condenser water flow.	Quarterly	Yes / No / Explain		
35	Please note that oil filters gasket and Compressor oil replacement shall deem to be including in the contract. If required needs to be replaced as per the OEM recommendations.	Yearly	Yes / No / Explain		
36	Check the crank case heaters of compressor, replace with new heaters if found defect.	Quarterly	Yes / No / Explain		

37	Record & observe the parameters of screw chillers for 8 Hours continuously for each chiller and assess the healthiness of the chiller. Incase of any abnormal same shall be rectified immediately and should not wait till next CAMC service.	Quarterly	Yes / No / Explain		
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Supporting Documents required from Vendor

1. Tenderers should have average annual turnover for the last three years of Rs.90.00 Lakhs.
2. (a)Completed value of three works of Rs. 76.00 lakhs (b) Completed value of two works of Rs.95.00Lakhs (c) Completed value of one work RS.152.00Lakhs
3. The Service provider should furnish the Registration certificate of either under company Act, Societies Act, partnership and proprietorship
4. Educational qualification of personnel deployed as per annexure
5. The tenderers should submit work orders, completion certificates in support of their experience. Completion certificates issued by private parties shall be supported by TDS certificates
6. Tenderers should have minimum five years of experience in CAMC of screw chillers.
7. Tenderers should have satisfactorily completed the CAMC contract / work orders as mentioned above during the last three years

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	Quarterly Services for all the screw chillers including attending breakdowns for two years period from the date of Purchase Order.	Yes / No / Explain	
2	GST/IGST if any, Please mention only in percentage. (SAC code shall be indicated for each item and accordingly mention the GST Rate applicable as per prevailing guidelines.) Note: Suppliers are requested to explicitly state whether Quoted percentage is Extra or Inclusive, If Not i.e, if you quote as "YES/Accepted /Noted/ As per tender specifications" it will be treated as included in the quoted basic cost.	Yes / No / Explain	
3	CONTRACT PERIOD: The proposed contract is valid for a period TWO YEARS from the date of release of contract and extendable by one more year on mutual consent, if the services are found satisfactory at the same terms and conditions.	Yes / No / Explain	
4	DELIVERY TERM: SDSC SAHR, Sriharikota	Yes / No / Explain	
5	PAYMENT TERM: As per the RFP Clause Sl.No. 12 & 13	Yes / No / Explain	
6	FORCE MAJEURE: If at any time during the continuance of the order the performance in whole or part by either party of any obligation under this order shall be prevented or delayed by reasons of any war, hostility, acts of public enemy, civil commotion, sabotage, fire, floods, lightening, epidemic, quarantine restrictions, strikes, go-slow, lockout or acts of God, notice of which is given either party to the other within 21 days from the date of occurrence thereof, neither party shall be reasons of such eventually be entitled to terminate this order nor shall either party have any claim for damages against the other in respect of such non-performance or delay in performance.	Yes / No / Explain	

7	PENALTY CLAUSE: As per RFP SI.No.11	Yes / No / Explain	
8	<p>ARBITRATION:- The Contract shall be interpreted, construed and governed by the Laws in India. In the event of any dispute/s, difference/s or claim/s arising out of or relating to the interpretation and application of the Work Package Order(s), such dispute/s or difference/s or claim/s shall be settled amicably by mutual consultations of the good Office of the respective Parties and recognizing their mutual interests attempt to reach a solution satisfactory to both the parties. If such a resolution is not possible, within 30 days from the date of receipt of written notice of the existence of such dispute/s, then the unresolved dispute/s or difference/s or claim/s shall be referred to the Sole Arbitrator appointed by the Parties by mutual consent in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 as amended from time to time. The arbitration shall be conducted in Bengaluru in the Arbitration and Conciliation Centre - Bengaluru (Domestic and International) as per its rules and regulations. The expenses for the Arbitration shall be shared equally or as may be determined by the Arbitrator. The considered and written decision of the Arbitrator shall be final and binding between the Parties. The applicable language for Arbitration shall be English only.</p>	Yes / No / Explain	
9	<p>VALIDITY OF OFFER: - In case of single part tender - the validity of offers/tenders should be 90 days. In two part tender - 120 days from the date of opening of Part-I bid and 60 days from the date of opening of Part-II bid. Tenders shorter than offer validity mentioned above will not be considered for evaluation.</p>	Yes / No / Explain	
10	<p>Police Verification : The Contractor would be required to provide verification report from the local police authorities within one month from the date of receipt of the order, duly certifying the verification of the Character & Antecedents for each of the work force engaged by the contractor for executing the work.</p>	Yes / No / Explain	

11	<p>SECURITY DEPOSIT (SD) : If the Order value exceeds 5 Lakh, a Bank Guarantee for the faithful execution of the contract / PO for 3% of the order value shall be provided immediately after receipt of the order towards the performance of the contract. The Bank Guarantee should be from a Nationalised / Scheduled Bank in Rs.100 non-judicial stamp paper valid till the completion of scope of work / supply as per the order plus 60 days. This will not carry any interest and shall be returned to you after successful completion of scope of work / supply against your request. In case of non performance/poor performance the Bank Guarantee shall be forfeited. If you are not submitted the BG within the specified period, this order is liable to be cancelled.</p>	Yes / No / Explain	
12	<p>The Contractor shall employ Indian Nationals above age of 18 years only.</p>	Yes / No / Explain	
13	<p>FALL CLAUSE: The service charges quoted by you shall in no event exceed the lowest charges at which you service the machines of identical description to any other party during the period of this Contract. If at any time during the said period, you reduce the service charges of such item to any other customers, it shall be forth with done after the date of coming in to force of such reduction of service charges shall stand correspondingly reduced</p>	Yes / No / Explain	
14	<p>Enclose a copy of Labour License as proof for the existing/ previous work order</p>	Yes / No / Explain	
15	<p>DOWN-TIME COMPENSATION: As & when break down occurs, it shall be attended immediately which shall ensure that the equipment is brought back fully to operational status at the earliest but in any case with in two days or else an amount of 0.1% per each day of delay beyond 48 hours subject to maximum 0.5% of the monthly amount due would be deducted from the payment due to the contractor.</p>	Yes / No / Explain	

16	The Contractor should comply all Labour Laws, Minimum Wages Act, Payment of Employees Provident Fund and ESI/Insurance under workmen Compensation Act and other laws applicable from time to time.	Yes / No / Explain	
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C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	Comprehensive AMC for AC chiller packages charges for Kirloskar make screw chiller Model KAS 180.2 for 2 years CAMC as per annexure	3.00 Nos.		-		
2	Comprehensive AMC for AC chiller packages charges for Kirloskar make screw chiller Model No: KWS120.2 for 2 years CAMC as per annexure	7.00 Nos.		-		
3	Comprehensive AMC for AC chiller packages charges for Kirloskar make screw chiller Model No: KWS190.2 for 2 years CAMC as per annexure	6.00 Nos.		-		

4	Comprehensive AMC for AC chiller packages charges for Kirloskar make screw chiller Model No: KWS150.2 for 2 years CAMC as per annexure	3.00 Nos.		-		
5	Comprehensive AMC for AC chiller packages charges for Kirloskar make screw chiller Model No: KAS185.24 for 2 years CAMC as per annexure	1.00 Nos.		-		

Common charges (Applicable for all items)

Additional Charges, if any (P&F, Freight etc.)	
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