

**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 in the 48 hours after given complaint</p>	Quarterly	Yes / No / Explain		
----	---	-----------	--------------------	--	--

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		
----	---	-----------	--------------------	--	--

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	
----	--	--------------------	--

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.)	
---	--

ANNEXURE

INTRODUCTION: SDSC SHAR is equipped with various Air conditioning plants to provide Air conditioning to the critical areas like Mobile Service Tower and Technical complex-2 in FLP area & SP-2B, SSAB, AC plant-1 in SLP area & Unified AC plant in control centre areas with 20 Numbers of various capacity screw chillers. These chillers are aged more than 10 to 15 years and needs continuous attention and maintenance as these chillers are supporting to critical & launch supporting facilities. Since these chillers are supporting to the critical facilities, CAMC is required to up keep the chillers with genuine spare parts, it is proposed to have the CAMC.

NAME OF WORK: Comprehensive Annual Maintenance contract (CAMC) for servicing and maintenance of Kirloskar make screw chillers located at SLP, FLP & Control Center areas, SDSC SHAR for a period of **Two Years**.

This annexure is divided into two Parts as follows:

A. PART- I: Contains essential details of the items / services required, such as the Schedule of Requirements (SOR), Technical Specifications, Contract Period, etc.

B. PART- II: Contains Evaluation Criteria and Annexures.

1. This annexure is being issued with no financial commitment and the Buyer reserves the right to change or vary any part thereof at any stage. Buyer also reserves the right to withdraw the ANNEXURE, should it become necessary at any stage.
2. **BID SUBMISSION:** Bids duly filled in by the Bidder should invariably be submitted as stipulated in the letter inviting bids.
3. **4.1 PART – I : PRICE PART OF THE BID FOR THE WORK**
 - a) Price bid shall be filled in the on-line 'price bid' form of the e-tender only in ISRO e-procurement website <https://eproc.isro.gov.in> . Cost towards Comprehensive AMC shall be filled in the respective forms available on-line in the e-portal. Any other terms and conditions given in this part shall not be considered and if insisted upon by the Bidder, bids are liable for rejection.
 - b) SDSC SHAR may open Part – I of the bid on the due date of opening subject to meeting the minimum evaluation criteria. Price Bids (Part-II) of technically and commercially acceptable offers shall be opened at a later date.
 - c) Unit rate for each of the item shall be indicated separately. The rate quoted shall be on DESTINATION BASIS i.e., On site SDSC SHAR, Sriharikota basis.
 - d) The taxes applicable shall be indicated separately in terms of percentage. If the offers submitted by the tenderers are silent on taxes, it will be presumed that quoted rates are inclusive of taxes & duties and no claim in this regard will be entertained later.

- e) Supplier has to consider entire bill of material required for Comprehensive Annual Maintenance contract (CAMC) for servicing and maintenance of Kirloskar make screw chillers located at SLP, FLP & Control Center areas SDSC SHAR for a period of **Two Years**. Services are as per the requirements indicated in the annexure.
- f) SDSC SHAR reserves the right to reject any or all the Bids without assigning any reasons thereof.
- g) Any bids / offers with price details in Techno-Commercial Offer (Part –I) shall be rejected.

GENERAL INFORMATION & STANDARD CONDITIONS

S.No	Description	Vendor Compliance
1.	<p>DEFINITIONS:</p> <p>a) The term "Service Receiver" means Satish Dhawan Space Centre SHAR (SDSC SHAR), a Centre under the Indian Space Research Organization (ISRO) of the Department of Space (DOS) hereinafter called "Service Receiver" includes its Units / Entities / Groups / Divisions and facilities under the administrative control of SDSC SHAR and its offices located at ISRO P.O., Sriharikota -524 124.</p> <p>b) The term "Service Provider" shall mean any registered Establishment which will be performing the CAMC Services / Work package activities.</p> <p>c) The term CAMC / Work Package shall mean Comprehensive Annual Maintenance contract (CAMC) for servicing and maintenance of Kirloskar make screw chillers located at SLP, FLP & Control Centre areas SDSC SHAR.</p> <p>d) The term "Employees" shall mean all the employees, supervisors and staff of the Service Provider deployed by the Service Provider to carry out the CAMC / Work Package tasks as defined in the Work Package Order.</p> <p>e) The term "Focal Point" shall mean the designated officials of Service Receiver, who will be from the technical stream of the Units / Entities / Groups / Divisions, who will be co-ordinating with the Supervisor of the Service Provider. The Focal Point of Service Receiver shall be mentioned in the respective Work Package Orders.</p> <p>f) The term "Supervisor" shall mean an identified person of the "Service Provider", who will supervise the works carried out by the qualified work- force of "Service Provider".</p> <p>g) The term "Paying Authority" shall mean the respective Sr. Accounts Officer/ Accounts Officer of the Division / Group / Entity of Service Receiver.</p>	
2.	Prices quoted should be on the basis of ON SITE i.e. SDSC SHAR, Sriharikota	
3.	<p>SITE VISIT: Prospective bidders may visit the sites and shall get themselves thoroughly acquainted with the local site condition. It is suggested that they conduct a demographic study to identify the local utility areas (markets, locality, communication and transportation conditions, Labour and materials availability),</p>	

S.No	Description	Vendor Compliance
	<p>which will help the bidders to consider all such factors during the estimation for performing Statement of Work as, indicated. Department holds no responsibility of arrangement of transportation / accommodation facilities for the bidders during their site visits except for giving permission in writing to access the premises. Claims and objections due to ignorance of existing conditions or inadequacy of information shall not be considered after submission of the Bid and during implementation.</p>	
4.	<p>CAMC CONTRACT: The Contract is CAMC for Kirloskar make screw chillers / Works Contract intended for carrying out all the works enlisted under the scope of work and at no stage this should be construed as a LABOUR CONTRACT.</p>	
5.	<p>OFFER VALIDITY: Bid shall remain valid for acceptance for a period of SIX months from the due date of submission of the Bid. The Bidder shall not be entitled during the said period to revoke or revise his Bid or to vary the Bid except and to the extent required by SDSC SHAR in writing. Bid shall be revalidated for extended period as required by SDSC SHAR in writing. In such cases, unless otherwise specified, it is understood that validity is sought and provided without varying either the quoted price or any other terms and conditions of Bid finalized till that time.</p>	
6.	<p>CONTRACT VALIDITY: The proposed contract is valid for a period TWO YEARS from the date of release of contract.</p> <p>(a) Department reserves the right to cancel the contract at any time without assigning any reasons thereof, by giving one-month notice in writing without any financial implication to SDSC SHAR and the decision of SDSC is final in this regard.</p> <p>(b) The validity of the contract is for a period of two years and extendable by one more year on mutual consent, if the services are found satisfactory at the same terms and conditions.</p> <p>(c) If the successful bidder does not want to extend the contract, the same shall be intimated 03 months before the expiry of the contract period.</p>	
7.	<p>GST (on service): GST @ 18% is applicable on services. Please indicate the GST accordingly for services. If not indicated it will be presumed that GST @18% is inclusive of quoted prices.</p>	

S.No	Description	Vendor Compliance
8.	INCOME TAX: Income tax at the prevailing rate and as applicable from time to time shall be deducted from the supplier's bills as per Income Tax Act. and a certificate will be issued (TDS Certificate).	
9.	RISK COVERAGE: The Supplier shall arrange comprehensive risk coverage at his own cost.	
10.	<p>PERFORMANCE SECURITY / SECURITY DEPOSIT</p> <p>The supplier, whose tender is accepted, shall be required to furnish by way of Performance Security for the due fulfilment of the contract such a sum as shall amount to 3 % of the contract price of the work awarded.</p> <p>The performance security (bearing no interest) shall be held by the Department as security till satisfactory completion and for the due performance of successful tenderer's obligations under the contract as per delivery period or extension granted thereof by the Department.</p> <p>The contractor within 10 days of Purchase Order or signing of Contract, deposit with the Accounts officer, Satish Dhawan Space Centre SHAR, Sriharikota as detailed above by any one or more of the following modes namely.</p> <ul style="list-style-type: none"> A. By a crossed demand draft in favour of Accounts officer, Satish Dhawan Space Centre SHAR drawn on SBI and payable at Sriharikota. B. By an acceptable bank guarantee, the bank guarantee shall be from a nationalized/scheduled bank & shall be valid for 60 days beyond completion period. <p>In case of breach of contract, the Performance Security shall be forfeited in addition to other relief available to the Department under this contract.</p> <p>Central PSUs / PSEs / Autonomous Bodies, etc., are exempted from payment of SD, and instead, an Indemnity Bond shall be provided in lieu of SD. Such vendors shall provide a copy of documentary proof along with Techno-Commercial Bid.</p>	
11.	<p>PENALTY:</p> <p>Notwithstanding anything contained in the provisions of conditions of Contract, the Service provider shall be liable for forfeiture of its Security Deposit, penalty or termination for default, if and to the extent that, its' delay in performance or other failure to perform its obligations under the Contract.</p>	

S.No	Description		Vendor Compliance
	There shall be penalties, as stated below, for violation / dereliction /irregularities in duty as per terms and conditions of bid /agreement following are penalties which shall be levied:		
	S.No	Description	Penalty
	A	In the event of contractor failure to deploy the man power within the specified time i.e. 24 hours from the time of complaint.	Penalty deduction of 0.5% per day for respective unit rate will be deducted during the non-availability of man power service.
	B.	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.
	C	Cumulative penalty	Cumulative penalty shall be limited to 10% of the billed amount of that particular month.
	D	Theft, damage of material/ surface	Penalty and recovery of actual cost and removal of staff from employment (This is in case of theft)
	E	Penal deduction will also be made for any other poor services on the basis of assessment by Contract Manager and the defaulting staff posted by you should be replaced immediately. Repeated defaults in services shall result in higher penal deductions. Decision of SDSC SHAR with respect to extent of penalties being levied shall be final and binding on the contractor.	

S.No	Description		Vendor Compliance
	F	The total penalties should not be more than 10% of the contract value.	
12.	MODE OF PAYMENT: Our Bankers are State Bank of India, SDSC SHAR, Sriharikota – 524 124. Service Provider may furnish the banker details for transferring the payments online through PFMS.		
13.	<p><u>SUBMISSION OF BILLS AND PAYMENT:</u></p> <p>The payment shall be payable in the following manner upon on the certification by the user and approved by competent authority.</p> <ol style="list-style-type: none"> i. The progressive payment shall be made on quarterly basis against the tax invoice raised by contractor along with the service reports. The contractor is required to submit quarterly bill, which will be checked and verified by the Contract Manager/ Engineer in charge. ii. The Service Provider's bills shall be submitted after completion of quarterly service period with due certifications to the respective Paying Authority. iii. Service provider shall provide ID cards and Uniform for his staff deployed at SDSC SHAR to carry out the works under this CAMC contract. iv. The payment under the CAMC shall be inclusive of the following components: <ol style="list-style-type: none"> a) CAMC charges for 20 Numbers of Kirloskar make screw chillers. b) Supervisory Charges to the Service Provider c) Service Charges to the Service Provider & Over heads if any. d) Cost of Identity Cards, etc. e) Goods & Service Tax & all over heads etc. v. Income Tax or any other Tax / Taxes / Fees / Cess / Levy(ies) as applicable and payable by the Service Provider as per rules will be recovered from the monthly bills payable to the Service Provider. vi. In case Service Receiver is made liable to pay any statutory liability arising due to the default of the Service Provider in relation to the CAMC / Work Package Order(s), the Service Receiver shall be entitled to deduct/recover the same from the payment against the CAMC / Work Package Order(s) 		

S.No	Description	Vendor Compliance
	<p>due to the Service Provider.</p> <p>vii. Payment shall be made only after approval by Competent Authority. Against submission of necessary certified required documents along with the invoices as required and deductions if any as per the contractual obligations.</p> <p>viii. Contractor shall maintain Registers as per Labour Act and the same should be provided for verification as & when asked.</p>	
14.	<p>CLIENT AUDIT: The Service Provider, hereby, agrees to maintain all required books of accounts and to provide them to such audit as may be required to be carried out.</p>	
15.	<p>Bidder shall note that the conditional discounts would not have edge in the evaluation process of tenders.</p>	
16.	<p>Non-acceptance of any conditions wherever called for related to guarantee or warrantee, security deposit, performance bank guarantee, liquidate damages are liable for disqualification of bids.</p>	
17.	<p>ARBITRATION:</p> <p>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.</p> <p>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</p>	

S.No	Description	Vendor Compliance
	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..	
18.	APPLICABLE LAW AND JURISDICTION: The laws of India shall govern this purchase order for the time being in force. The Courts of Andhra Pradesh, India only shall have jurisdiction to be with and decide any legal matters or disputes what so ever arising out of the purchase order.	
19.	FORCE MAJEURE: (a) For purpose of this Clause, Force Majeure means an event beyond the control of the Service Provider and not involving the Service Provider's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of SDSC either in its sovereign or contractual capacity, The Government Acts, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes. (b) If a Force Majeure situation arises, the Service Provider shall promptly notify SDSC in writing of such conditions and the cause thereof. Unless otherwise directed by SDSC in writing, the Service Provider shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.	
20.	The contractor shall be responsible for the proper behaviour of the persons employed by him. He will also be responsible for any damage to the property of SDSC SHAR as result of negligence of the workers. Any such damage or loss will be made good by the contractor.	
21.	<u>CONTRACTOR'S OBLIGATIONS:</u> a. The successful bidder/vendor shall follow the directions & rules of Dept. b. The Contractor shall be responsible at its own cost for obtaining any applicable permissions and clearances for performance of the work. c. The Contractor shall, at all times, comply with all applicable labour and other related laws on its own. The Contractor shall keep Dept. indemnified against any claim, action or proceedings raised due to non - compliance of labour and other related laws.	

S.No	Description	Vendor Compliance
	<p>d. The Contractor indemnifies Dept. against any loss or damage suffered by Dept. due to any fault, omission or breach of any duty by the Contractor or its representatives.</p> <p>e. The Contractor shall indemnify and keep indemnified and compensate Dept, if Dept becomes liable to assume any liability towards the workforce engaged by the Contractor for the purposes of this Work.</p> <p>f. The Contractor shall ensure that workmanship and quality of the Work shall conform to the Standards and shall ensure that Works conform to the good industry practice.</p>	
22.	SUBCONTRACTING: Contractor should not give sub-contract for whole or part of this contract work to any other Contractor.	
23.	CONDUCT: In case any of the working personnel found not working to the satisfactory level the same worker should be replaced forthwith by you. You will be sole responsible for your work force mis-conduct, injuries, illness or death etc., at work places.	
24.	INSPECTIONS: Contract Manger and / or his staff will check quality of the services and materials rendered by you periodically. Contractor should make good the deficiencies, if any found during such inspections.	
25.	<p>INELIGIBLE TO TENDER:</p> <p>(i.) A retired officer of the Govt. executing services is disqualified from tendering for a period of one year from the date of retirement without the prior permission of the Government.</p> <p>(ii.) The bidder who has employed any retired officer as mentioned above shall be considered as an ineligible tenderer.</p> <p>(iii.) The bidder himself or any of his employees is found to be Gazetted Officer who retired from Government Service and had not obtained permission from the Government for accepting the contractor's employment within a period of 1 year from the date of his retirement.</p> <p>(iv.) The bidder or any of his employees is found at any time after award of contract, to be such a person who had not obtained the permission of the Government as aforesaid before submission of the tender or engagement in the bidder's service.</p>	

S.No	Description	Vendor Compliance
	<p>(v.) Bidder shall not be eligible to tender for services where any of his near relatives are employed in Dept of Space. The bidder shall intimate the names of persons who are working with him in any capacity or are subsequently employed. He shall also furnish a list of Gazetted / Non-Gazetted, Government Employees related to him.</p> <p>Note: Near relatives include</p> <ol style="list-style-type: none"> 1. Sons, step sons, daughters, and stepdaughters. 2. Son-in-law, and daughter-in-law. 3. Brother-in-law, and sister-in-law. 4. Brothers and Sisters. 5. Father and Mother. 6. Wife / Husband. 7. Father-in-law and Mother-in-law 8. Nephews, nieces, uncle and aunts 9. Cousins and 10. Any person residing with or dependent on the bidder. 	
26.	<p>CONFIDENTIALITY: The Service Provider either during the term or within three (3) years after expiration of this Contract, should not disclose any proprietary or confidential information relating to the Services, this Contract or the Client's business or operations without prior written consent of the Client.</p>	
27.	<p>LEGAL:</p> <p>a) The Service Provider shall abide by the law of the land including, Contract Labour (Regulation & Abolition) Act, and all labour related laws/Acts or any new regulations / legislations enacted in this regard and its compliance as applicable during the tenure of the Work Package Order. Service Receiver shall in no way be responsible for any default of the Service Provider regarding statutory obligation. The Service Provider has to ensure compliance of the above provisions at the time of submission of bill to the Service Receiver and while making payments to their work-force at all times during the currency of the Work Package.</p>	

S.No	Description	Vendor Compliance
	<p>b) The Service Provider(s) shall mandatorily undertake to insure their workforce comprehensively against any risks during the course of work undertaken by them in Service Receiver's Work Place through a Comprehensive All Risk Insurance (ARI) Policy obtained from any of the Insurance Companies as approved by the Insurance Regulatory & Development Authority of India (IRDA). The Service Providers shall have to furnish originals of the ARI Policy along with premium receipts and other papers related there to the Officer concerned of the Service Receiver within 15 days from the date of commencement of Work Package Order(s). Entry Passes will be issued to the workforce of the Service Provider only after receipt of the original policy documents from the Service Provider concerned.</p> <p>c) The Service Provider shall discharge all the legal obligations in respect of the work- force engaged by them for the execution of the work in respect of their remuneration and Service conditions and shall also comply with all the rules and regulations and provisions of the law in force that may be applicable to them from time to time. The Service Provider shall indemnify and keep indemnify the Service Receiver from any claim, loss or damages that may be caused to it on account of any failure to comply with the obligations under various laws. In case of any dispute, the decision of the Service Receiver shall be final and binding on the Service Provider.</p> <p>d) The Service Provider shall also be liable for the remittance of all Taxes, Levies, Cess etc., on account of service rendered by them to the concerned authorities from time to time as per extant rules and regulations in the matter.</p> <p>e) The Service Provider is fully responsible for timely claiming and disbursing payment of remuneration to their work-force engaged in the campus of the Service Receiver, within the time limit prescribed in the relevant Act/Rules.</p> <p>f) Payment disbursement shall be made to the Service Provider by the Service Receiver on Quarterly basis for the actual units of work completed on pro rata basis and part thereof and on receipt of the invoice/bill which is duly certified by the Focal Points and approved by Divisional Head/Group Head in the Campus of the Service Receiver and submitted to the respective Sr. Accounts Officer, as the case may be, in the</p>	

S.No	Description	Vendor Compliance
	<p>prescribed format together with the following documentary proof.</p> <p>g) The Service Provider, upon being served with the Work Package Order(s) shall engage the work-force as per the requirements sought for by the Service Receiver for which the Service Provider shall provide the bio-data of their qualified workforce.</p> <p>h) The Service Provider shall be bound by the details furnished by them to the Service Receiver while submitting the tender or at any subsequent stage(s). In case, any of the documents furnished by them is found to be false at any stage, it would be deemed to be a breach of the Terms and Conditions of the Work Package order making the Service Provider liable for legal action besides termination of CAMC / Work Package Order(s) and forfeiture of Security Deposit.</p> <p>i) The Service Provider shall not be allowed to transfer, pledge, assign or sub Contract its rights and liabilities under this Work Package Order to any other agency.</p> <p>j) The Service Provider shall be solely responsible for the redressal of grievances /resolution of disputes relating to the work-force engaged by them. Service Receiver shall in no way be responsible for the settlement of such disputes. Service Provider should maintain a record of grievances received from their work force and action taken for settlement.</p> <p>k) For all intents and purposes, the Service Provider shall be the "Employer" within the meaning of different Labour Legislations in respect of the work-force engaged by the Service Provider at Service Receiver's site. The work-force engaged by the Service Provider to the Service Receiver shall not have any claim whatsoever of "Master and Servant" relationship nor have any "Principal and Agent" relationship with or the Service Receiver for the said services.</p> <p>l) The Service Provider upon being served with the Work Package Order(s) by the Service Receiver shall obtain all necessary Labour License from the Labour Department and the License shall be valid till the currency of the Work Package Order(s) and shall be extended whenever required.</p> <p>m) Any other terms, conditions or clauses not covered in this document shall be in accordance with other statutory Rules/ Acts applicable to DOS/ISRO.</p>	

S.No	Description	Vendor Compliance
	<p>n) In case of termination of the Work Package Order(s) on its expiry or otherwise, the work-force engaged by the service Provider shall not be entitled to and shall have no claim whatsoever for any kind of employment in Service Receiver's establishment and shall be made known by the Service Provider to their workforce before being engaged.</p> <p>o) The status of the Service Provider shall be that of an independent Service Provider. The Service Provider and its work-force performing under this Work Package shall not be the employees of Service Receiver. Neither the Service Provider nor its work-force shall be considered as employees of Service Receiver. Such work-force has no right for subsequent regularization.</p> <p>p) The Service Provider shall not assign, transfer or convey in whole or in part, this Work / Work Package Order(s) to anyone. The Service Provider shall also not delegate any of its obligations or duties under this CAMC Work order / Purchase Order to anyone. The Service Provider shall not assign, pledge as collateral, grant a security interest in, create a lien against or otherwise encumber any payments that may or will be made to the Service Provider under this CAMC Work Package Order(s).</p> <p>q) The Service Provider shall be bound to accept all instructions / directions issued by the Focal Point or any other person duly authorized by them relating to the execution of the Work Package Order(s).</p> <p>r) The Service Provider shall maintain a register for the execution of the work and get endorsement of the same from the Focal Point of the Service Receiver every day for having completed the work satisfactorily.</p> <p>s) The details of work handled by the work-force, Supervisor and Establishment should be kept secret and should not be divulged to any person or outside agencies. An undertaking in this regard shall be mandatorily provided by the Service Provider as specified in Annexure.</p> <p>t) The Service Receiver reserves the right to reject any of the work-force engaged by the Service Provider, if the presence or activity of such workforce is detrimental to the interest or discipline or security of the Service Receiver.</p> <p>u) The Government of India has enacted the Micro, Small and Medium Enterprises Development (MSMED) Act, 2006 and</p>	

S.No	Description	Vendor Compliance
	<p>the preferences that are extendable to the MSME Units including Women and SC/ST Entrepreneur's as issued by the Government of India from time to time and wherever feasible, will be applicable for this ANNEXURE. In order to avail of the benefits extended by the Government of India to Micro and Small Enterprises, Service Providers are requested to submit Entrepreneur Memorandum Part-II duly signed by the General Manager, District Industries Centre or NISIC Registration / Udyog Aadhar details.</p>	
28.	<p>ISSUE OF ENTRY PASS: For arranging Entry Pass to enter the Service Receiver's premises, the Service Provider should submit the details of their work force to the respective Focal Point and the same shall contain the following documents. The respective Focal Point shall scrutinize the same and shall forward it to the Senior Administrative Officer, GAD / P&GA duly approved by the Contract Manager:</p> <p>(i.) POLICE CLEARANCE CERTIFICATE: It is the responsibility of the Service Provider to arrange the character and antecedents of the work-force engaged for duty. The Service Provider shall engage the work-force who is not having any criminal background. The character and antecedents shall be got verified through record check by Service Provider at their own cost from the concerned Police authorities (Police Clearance Certificate) and submit the original report.</p> <p>(ii.) ID CARD ISSUED BY THE SERVICE PROVIDER: The Service Provider shall issue tamper proof necessary Identity Card in their firm's / society's /agency(ies) /company's logo to the work force deployed by them to Service Receiver.</p> <p>(iii.) Service provider shall submit Aadhar Card and Two copies of stamp size photographs of the staff who are deployed in this work package.</p>	
29.	<p>The work-force once engaged for the Service shall not be changed without the prior concurrence of the Focal Point of the Service Receiver.</p>	
30.	<p>In case of partnership firm, "power of attorney" should be signed by one person on behalf of others. Any breach of these conditions by the Service Provider in relation to the Bidding Establishment or Partner or Shareholders or Directors or Executives or Office</p>	

S.No	Description	Vendor Compliance
	Bearers, the tender/work package contract will be cancelled and Security Deposit will be forfeited at any stage whenever it is so noticed. The Service Receiver will not pay any damages to the Service Provider. The Service Provider will also be debarred from further participation in the concerned unit of the Service Receiver.	
31.	The requirement of the quantity mentioned in the Work Package may vary and is subject to change based on actual requirement of the Service Receiver. The Service Provider has to complete any additional or sporadic requirement as required by the Service Receiver by engaging additional work-force, if any required. The payment will be based on the quantum of work completed which should be duly certified by the authorized official of the Service Receiver.	
32.	<p>SAFETY & SECURITY:</p> <p>a) The Service Receiver's premises being a High Security Area, the work-force engaged for the work by the Service Provider, will be required to follow the security requirements such as possessing a valid Entry Pass issued by the Service Receiver and ID card issued by the Service Provider while entering the campus, maintaining high order of discipline while on duty. It should be ensured by the Service Provider that only Indian Nationals between the age of above 18 Years and up to 60 years are included in the workforce and they should not have any criminal back ground.</p> <p>b) The Service Provider shall take all safety precautions required for the execution of the work. They shall also be responsible for any loss or damage caused to Service Receiver's Property / Personnel due to negligence of the work-force and shall make good the losses by the Service Provider at their own cost, failing which cost thereof, shall be recovered from the outstanding / running bills / Security Deposit of the Service Provider.</p> <p>c) The Service Receiver shall not be responsible for any damages, losses, claims, financial or other injury to any of the work-force engaged by the Service Provider in the course of their performing the functions / duties, or for payment towards any compensation. The work-force shall adequately be insured by the Service Provider against accidents including loss of life.</p>	

S.No	Description	Vendor Compliance
	<p>d) The Service Provider shall solely be responsible for any theft, pilferage or misbehaviour committed by any of the work-force while carrying out the Service(s) and the Service Receiver reserves the right to forfeit the Security Deposit / Running Bills / any outstanding payment to the Service Provider.</p> <p>e) In case, the work-force engaged by the Service Provider commits any act of omission/commission that amounts to misconduct / indiscipline/ incompetence, the Service Provider shall forthwith remove the work-force under intimation to the Focal Point. The Service Provider shall replace immediately any of its work-force who is/are found unacceptable because of security risks, incompetence, conflict of interest, improper conduct etc. upon receiving written notice from Service Receiver.</p> <p>f) The work-force engaged by the Service Provider at the Service Receiver's Campus should not carry any Technical / Electronic Gadgets inside the Service Receiver's Campus and shall follow all Security and Safety norms as prescribed by the Service Receiver, from time to time.</p> <p>g) The Service Provider shall ensure that the work-force engaged by them are disciplined and do not participate in any acts prejudicial to the interest of the Service Receiver.</p> <p>h) The Service Provider shall solely be responsible for the redressal of grievances / dispute relating to work-force engaged.</p> <p>i) The workforce engaged by the Service Provider at Service Receiver's Campus shall wear Cotton Uniform Dress while they are at work and the colour of the said uniform shall be decided by the Service Provider in consultation with the Service Receiver.</p>	
33.	<p>JOINT AND SEVERAL LIABILITY: If the Service Provider is a joint entity, consisting of more than one, partnership, corporation or other business organization, all such entities shall be jointly and severally liable for carrying out the activities and obligations of this Work Package Order(s) and for any default of activities and obligations</p>	
34.	<p>SEVERABILITY: If any provision of this Work Package Order (s) is determined by a Court of competent jurisdiction to be invalid or unenforceable, such determination shall not affect the validity or</p>	

S.No	Description	Vendor Compliance
	enforceability of any other part or provision of this Work Package Order (s).	
35.	IMMUNITY FROM LIABILITY: Every person who is a party to the Work Package Order(s) is hereby notified and agrees that the State, Service Receiver and all its employees, agents, successors and assigns are immune from liability and suit for or from Service Provider's activities involving third parties and arising from the CAMC Work Package.	
36.	INTELLECTUAL PROPERTY: The Service Provider agrees that they should not use the Name / logos of the Service Receiver in any manner, including commercial advertising or as a business reference, including ID cards without the approval of the Service Receiver. Any violation will result in cancellation of the CAMC Work Package Order(s) including forfeiture of Security Deposit.	
37.	The Service Provider is responsible to complete the quantum of work as specified in the Work Package Order(s) and as required by the Service Receiver and in case of absence of the work-force, the successful Service Provider should provide suitable replacement and for this purpose to ensure timely completion and the Service Provider shall keep a panel of work-force whose Character and Antecedents are verified.	
38.	<p>TERMINATION AND SHORT CLOSING OF CONTRACT:</p> <p>a) Under the normal circumstances, termination / short closing of the Work Package Order(s) is not foreseen. However, in case of repeated non-performance of the Work Package Order(s), owing to deficiency of service or breach of Order conditions or cessation of the requirement, the Service Receiver reserves the right to terminate the Work Package Order(s) wholly or partly by giving a prior notice of not less than 30 days, without any obligation on its side.</p> <p>b) If the Service Provider want to withdraw the CAMC Work Package Order(s) voluntarily, a prior notice of 90 days is required.</p> <p>c) The CAMC Order is liable to be terminated without notice and the Security Deposit under the CAMC Order shall be liable to be forfeited in the following circumstances: -</p> <p>(i.) For the breach of any terms & conditions or provision of this CAMC Work Package Order(s) by the Service Provider.</p>	

S.No	Description	Vendor Compliance
	<p>(ii.) In case the Service Provider provides any statement, representation or certification and the same is found false, deceptive or materially incorrect or incomplete.</p> <p>(iii.) The Service Provider or any of its workforce and agents commits or has committed or engages/engaged in fraud, misappropriation, embezzlement, malfeasance or misfeasance.</p> <p>(iv.) If the Service Provider terminates or suspends their business, without giving prescribed notice.</p> <p>(v.) The Service Provider's license or certification is suspended, terminated, revoked or forfeited.</p> <p>(vi.) If the Service Provider failed to comply with any applicable law of the land.</p> <p>(vii.) In the event of sustenance of loss by the Service Receiver due to the premature termination of Work Package Order(s) by the Service Provider, the same shall be recovered from the Security Deposit.</p>	
39.	<p>PARALLEL / ADHOC / SPLIT WORK PACKAGE ORDER: Service Receiver reserves the right to enter into parallel / adhoc Work Package order(s) with one or more Service Provider(s) in order to facilitate deployment of work- force during the currency of the Work Package order(s) for availing the same or similar Services. The Service Receiver reserves the right to Split the Work Package Order(s), if need be, to one or more Service Provider(s) either equally or in any other ratio, and the Service Provider(s) shall accept such Split Work Package Orders at the L-1 rates.</p>	
40.	<p>VOLUME OF WORK: The requirement of work force purely depends upon the activities of Service Receiver for the Work Package. The mere mention of the number of work-force against this Work Package Order(s) does not by itself confer any right on the Service Provider to demand that work relating to or any item thereof, should necessarily or exclusively be entrusted to the Service Provider. The Service Receiver reserves the option for allocation of work force to meet the works to be carried out and the Service Provider shall not have any right in this regard. No guarantee can be given as to the definite volume of work which will be entrusted to the Service Provider at any time or during the period of the CAMC Work Package Orders(s).</p>	

S.No	Description	Vendor Compliance
41.	SUBMISSION OF FORGED DOCUMENTS: If any of the Service Provider submits any forged or false documents along with their Tender/Bid, such Tenders/Bids will be summarily rejected and such Service Providers will be blacklisted for all future tenders / bids.	
42.	ACCOMODATION: The contract personnel positioned/deputed by the Service provider is not entitled for the Department Accommodation, Transport and Medical facilities. Canteen facilities during working hours may be extended to these personnel on payment basis with the rates fixed by SDSC SHAR for contract personnel from time to time. However, a limited number of bachelor accommodations may be provided for rent as fixed by SDSC-SHAR, subjected to availability of the accommodation on chargeable basis.	
43.	VALIDITY OF THE CONTRACT: This work Contract / work order shall be valid for a period of two years unless otherwise extended. However, performance of the service provider will be reviewed and extended one more year based on mutual agreement between Service provider & Service receiver If found satisfactory.	
44.	<p>VENDOR QUALIFYING CRITERIA: The vendor should have carried out similar nature & quantum of work like CAMC of Kirloskar makes screw chillers of various models and minimum 20 numbers quantity.</p> <p>Required documents to be submitted for assessment of the capability for qualifying the vendor as follow:</p> <ul style="list-style-type: none"> (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 (d) Tenderers should have minimum five years of experience in CAMC of similar screw chillers. (e) Tenderers should have satisfactorily completed the CAMC contract / work orders as mentioned above during the last three years. (f) Tenderers should have average annual turnover for the last three years of Rs.90.00 Lakhs. (g) 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. 	

S.No	Description	Vendor Compliance
	<p>(h) Service team deployed by the contractor should have essentially been trained by OEM i.e. M/s. Kirloskar and certificates as proof has to be submitted.</p> <p>(i) The Service provider should furnish the Registration certificate of either under company Act, Societies Act, partnership and proprietorship.</p> <p>(j) Any conditional offer is liable for rejection.</p>	
45.	<p>QUALIFICATION OF SERVICE TECHNICIANS DEPLOYED BY SERVICE PROVIDER:</p> <p>EDUCATIONAL QUALIFICATIONS:</p> <p>The personnel deployed for the CAMC services shall have the following minimum essential</p> <ul style="list-style-type: none"> • ITI in Refrigeration & Air Conditioning with minimum 3 years of work experience in maintenance of Kirloskar screw chillers or Diploma in Mechanical with two years of work experience in maintenance of screw chillers. • Three - Years minimum experience in handling of Kirloskar screw chillers after Apprenticeship for ITI qualified Service technician. • Bio-data of Technicians to be submitted immediately on release of purchase order. • Service team deployed by the contractor should have essentially been trained by OEM i.e. M/s. Kirloskar and certificates as proof has to be submitted. • Maintain continuity in CAMC works, contractor should not change the service team frequently. 	
46.	<p>In case of Non-OEM, spares procured shall be through OEM only and relevant invoice for the items procured from OEM shall be submitted prior to installation of the spares in the screw chiller package.</p>	
47.	<p>Service team deployed by the contractor should have essentially been trained by OEM i.e. M/s. Kirloskar and certificates as proof has to be submitted.</p>	
48.	<p>Service Team should come for CAMC services with required special tools, instruments to measure and check the Digital input, digital output electronic boards including updating of the software as & when required for satisfactory operation of the screw chillers.</p>	

S.No	Description	Vendor Compliance
49.	In case of non-OEM, Contractor shall submit the similar nature and quantum / Value of the work carried out shall be submitted for review and acceptance of tender.	
50.	Minimum four numbers of CAMC services shall be carried out per year. However, contractor shall depute qualified service team as & when required to attend breakdown calls to keep up the chillers in operational condition.	

Signature of Authorised Person with Seal

DETAILS OF CAMC SERVICES FOR SCREW CHILLERS

1. **DEPARTMENT SCOPE:** Water, electrical power & Refrigerant will be provided for carrying out the CAMC services of the screw chillers.
2. **CONTRACTOR SCOPE:** The CAMC services to be carried out for the Kirloskar make screw chillers by the contractor at various locations of the SDSC SHAR are as below.

2.1. SCHEDULE OF WORK:

SI.No	DESCRIPTION OF ITEM	UNIT	QTY	VENDOR COMPLIANCE
01	Comprehensive Annual Maintenance Contract (CAMC) for Servicing and Maintenance of the following Kirloskar make Screw Chillers for a period of two years. Terms and conditions & Chiller details enclosed as per Annexure. Rates quoted shall be valid for two years from the date of purchase order.			
	CAMC Charges for 2 years from the date of purchase order.			
A	CAMC charges for Kirloskar make screw chiller Model No: KAS 180.2	3.0	Nos	
B	CAMC charges for Kirloskar make screw chiller Model No: KWS120.2	7.0	Nos	
C	CAMC charges for Kirloskar make screw chiller Model No: KWS190.2	6.0	Nos	
D	CAMC charges for Kirloskar make screw chiller Model No: KWS150.2	3.0	Nos	
E	CAMC charges for Kirloskar make screw chiller Model No: KAS185.24	1.0	Nos	

2.2 BRIEF INFORMATION ABOUT KIRLOSKAR MAKE SCREW CHILLERS INSTALLED AT VARIOUS LOCATIONS OF SDSC SHAR FOR PROVIDING AIR CONDITIONING.

A. Control Centre Area: Unified AC plant consists of 5 numbers of Kirloskar make screw chillers of each 120 TR (As per AHRI). Out of five numbers of chillers, four numbers are working & one number is standby. These chillers are 12 to 15 years age and serving to the facilities critical to launch activities and also for upcoming Gaganyaan projects.

B. Second Launch Pad (SLP): (SP-2B SLP, Area) This plant consists of 6 numbers of Kirloskar make screw chillers of each 190 TR capacity (As per AHRI). Out of six numbers four are working & two are standby. These chillers are 15 years aged and serving to critical facilities.

C. SSAB, SLP: This plant consists of 3 numbers of Kirloskar make screw chillers of capacity 150 TR each (As per AHRI). These are serving to SSAB hall and aged 15 years.

D. AC plant-1, SLP: This plant consists of 1 number of Kirloskar make screw chillers (3 Nos of York make screw chillers). Capacity of the chiller is 185 TR (As per AHRI) and aged 7 years. It has two different thermal conditions (21°C Serving Areas and 30°C Serving Areas) to serve the critical facilities as per need.

E. First Launch Pad (Technical Complex-2, FLP): This plant consists of 3 numbers of Kirloskar make screw chillers. Capacity of each chiller is 180 TR (As per AHRI) and aged 14 years. Out of three numbers of screw chillers two numbers are working & one is standby. These chillers are serving to the facilities related to GSLV Mk-III and EB stage preparation

F. Mobile Service Tower, FLP: This plant consists of 2 numbers of Kirloskar make screw chillers. Capacity of each chiller is 120 TR (As per AHRI). These chillers are 14 years aged.

2.3 SCOPE OF CAMC WORK FOR SCREW CHILLERS:

Checks & Service for screw chillers to be carried out:

S/N	Description of activity	Service Periodicity	Vendor Compliance
01	To visit & check the operating parameters of the screw chillers every quarterly.	Quarterly	
02	To review the previous months operating log records and alarm history and assess the problems and healthiness of screw chillers.	Quarterly	
03	To inspect the screw chiller for any unusual vibration, noise etc. and rectify the problem if any.	Quarterly	
04	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	Quarterly	

	department in writing on the rectification.		
05	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	
06	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	
07	Check liquid line sight glasses for proper flow. If found abnormal same shall be rectified or replaced with new components.	Half yearly	
08	Check all operating pressure and temperature sensors of screw chillers. If found abnormal same shall be replaced with new sensors.	Quarterly	
09	Inspect and adjust, if required, all operating safety controls. Check the interlocks of the safety & operating controls if required.		
10	Check capacity control, loading & unloading mechanism of screw chiller and adjust if necessary.	Quarterly	
11	Lubricate vane / linkage / bearings if required, if found abnormality same shall be replaced.		
12	Visually inspect the screw chiller and associated components, and listen for the unusual noise or sound for evidence of unusual conditions.	Quarterly	
13	Check lock bolt and chiller spring mounted bolts in every quarter and tighten if required.	Quarterly	
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	
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	

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	
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 device same shall be replaced with new one.	Half Yearly	
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	
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	
20	To check the antifreeze and carrying out the setting of the same as & when required.	Half Yearly	
21	To check the safety setting of the screw chiller.	Half Yearly	
22	To check the LP / HP / Oil safety switch and replace the same, if found defective.	Half Yearly	
23	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.	Quarterly	
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.	Quarterly	

	Replacement of contactors, relays, electronic boards, display boards, transformers, CT coils, fuses, connectors, isolator switches in the chiller control panel if required.		
25	Check lubricating oil Heater / Thermostat if found abnormal same shall be replaced.	Quarterly	
26	Check motor terminals, connections in starter, compressor foundation bolts, all flanges for tightness.	Quarterly	
27	Check motor earthing, megger motor and connection wiring on each leg if found necessary	Half yearly	
28	Check motor temperature cut-out, tighten motor terminals if found necessary.	Quarterly	
29	Check starter contacts, arc shield transformer if found faulty same shall be replaced.	Quarterly	
30	Check dashpot oil, clean dashpot and replace oil when necessary as per the OEM recommendations. CAMC include lubricating oils and filters required.	Quarterly	
31	Inspect, Test & calibrate the overload settings of screw chillers.	Yearly	
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	
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	
34	Check evaporator and condenser water flow.	Quarterly	
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	
36	Check the crank case heaters of compressor, replace with new heaters if found defect.	Quarterly	

37	Record & observe the parameters of screw chillers for 8 Hours continuously for each chiller and assess the healthiness of the chiller. In case of any abnormal same shall be rectified immediately and should not wait till next CAMC service.	Quarterly	
----	--	-----------	--

List of Scope of Work is attached as annexure

2.4 Corrective / Breakdown Maintenance:

A. The scope of Corrective / Breakdown Maintenance shall include all the Breakdown and failures occurring in the screw chiller package at any time during 24 hrs x 365 days inclusive of all Sundays & Holidays.

B. **Minor Maintenance:** The Minor failures / defects which include repairing/replacement (if required) of defective items with spare parts / Components.

Response Time (Max.) - 24 hours

Rectification Time (Max.) - 48 hours from the complaint

C. **Major Maintenance:** - Major failures / defects cover the attention of all type of major Failures / Breakdown, which includes Repair / Replacement of assembly / sub assembly / components / sub components of screw chiller packages.

Response Time (Max.) - 24 hours

Rectification Time (Max.) – 7 Days from the date of complaint.

Note: The decision regarding minor / major maintenance shall be of SDSC SHAR which will be binding on the contractor.

2.5. Tools / Tackles and replacement of defective parts including consumables.

A. The contractor shall bring special tools and test equipment's which are essential for day to day use in both corrective and preventive maintenance during the period of the contract.

B. Contractor shall provide valid calibration certificates for all the measuring equipment's involved in measuring & maintenance checks of the screw chillers. The same shall stay valid during the period of the contract.

C. In the event of any item requires routinely changing or calibrating regardless of whether it appears in the spares list or not shall be identified and replaced by the contractor.

D. The defective material after replacement of new material will be handed over to the contractor on request basis. Required loading / unloading and transportation shall be arranged by contractor himself.

2.6. Inventory of Spares & Consumables at site:

- A. The contractor shall keep adequate quantity of spare components for immediate repairs and will replenish the same from time to time as per requirement.
- B. The spare parts supplied by the contractor should be brand new / original one and from the Original Equipment Manufacturers to ensure satisfactory performance. Used / repaired spare parts will not be accepted. Before using any spare, the same should be shown and got approved by the employer's representative. The contractor will ensure that the repairs carried out do not require same repairs again within a reasonable time.

2.7. CAMC Maintenance Plan:

- A. The contractor shall submit the CAMC Maintenance plan for the screw chillers mentioned in the Annexure-I. The annual maintenance activity shall be carried out after the clearance from Indenter / Engineer In charge of SDSC SHAR as per the instructions and shall include the complete maintenance.
- B. The contractor shall conduct the replacement for all the defective spares parts if any along with the Annual Maintenance activities as mentioned in the checklist. Upon completion of the maintenance activity, same shall be jointly inspected by the Contractor's site engineer and SDSC SHAR Engineer In charge of the site. The system shall remain under trial run before the beginning of the system and parameters shall be logged during the initial testing of the system.
- C. An annual maintenance report clearly indicating the work involved in the Comprehensive Annual Maintenance Plan and testing of the performance parameters of Screw Chillers of the SDSC SHAR shall be submitted to the Employer for further analysis of the system.
- D. The contractor shall provide the root cause analysis for the major and repeated failures taking place in the system and shall submit a quarterly report giving proper analysis of the above faults.
- E. Any correction/modification required in the system on the basis of the above analysis shall be done with prior approval from SDSC SHAR.

2.8 SERVICE TEAM DEPLOYMENT:

- A. The contractor shall deploy suitable service team for quarterly service of the screw chillers based on the demand of work. However, if the performance of the service team deployed is found unsatisfactory, SDSC SHAR reserves the right to tell the contractor to deploy more experienced service team and same shall be binding on Service Provider.
- B. Attending breakdown complaints suitable number of skilled technicians with suitable number of helpers shall be deployed.
- C. In case of major works like overhauling of the compressor contractor shall deploy required service team for completion of work.

- D. Contractor shall deploy regular service team to maintain the continuity in the service of screw chillers.
- E. Service team should have valid Identity card from the contractor.
- F. Service team should have valid driving licence for driving the vehicle inside the SDSC SHAR premises.
- G. Service team should not move other than the specified work location.

Signature of Authorised Person with Seal

NOT COVERED UNDER THE COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT:

1. Day to day operations, routine maintenance, and housekeeping.
2. Any replenishment of consumable and failures of equipment's pertaining to equipment capacity mismatch between high and low side.
3. Pneumatic controls, pressure gauges and thermometers.
4. Any welding work connected with above.
5. All kind of civil and structural work.
6. The contract does not include shifting, reinstallation, reconfiguring and making any changes to the system set up & programming.
7. Required general tools will be provided by department. However, required special purpose/ specific tools shall be brought by service engineer of contract agencies for attending maintenance work.
8. Refrigerant for charging to the chiller package as & when required.

Signature of Authorised Person with Seal

PART II – EVALUATION CRITERIA & ANNEXURES
VENDOR EVALUATION FORMAT

SDSC SHAR seeks response to the following questionnaire for assimilating data which would be used for evaluating the capability of the supplier for executing the referred work. Hence, the supplier is requested to provide only genuine data and any discrepancy found at a later point of time may result in rejection of the supplier from purchase process. Furnishing of data cannot be construed as automatic qualification for participation in the tender.

Questionnaire should be signed by a responsible and authorized person of the Company / Agency.

S. No	Description	Supplier Response
1.	Name of the company/firm :	
2.	Statutory Requirements: : Please state whether the agency is Registered Co./Proprietary/Society/or Registered under Shops & Establishment Act. Please enclose copy of registration accordingly.	
3.	Year of Inception :	
4.	Experience (Years) in the field of CAMC Services for various models of Kirloskar make screw chillers. :	
5.	Nature of any other Business carried by your company :	
6.	Registered address :	
7.	Name & Address of the Office of the Chief Executive :	
8.	Contact person for this tender with name & address, email and contact number :	
9.	Locations of the Branches (if any) :	
10.	Number of Employees :	

S. No	Description	Supplier Response
11.	EPF/ESI Registration Nos. (As per norms) (Copy of registration to be enclosed)	
12.	Are you covered by Labor Legislations such as EPF, ESI, Gratuity Acts etc.?	
13.	Have you registered under ESI Act1948? If so, enclose copy of registration.	
14.	Enclose copy of latest remittance made by Bidder's Agency towards ESI	
15.	Have you registered with any other Public Health Authorities State /Central? (Optional) If so, enclose copy of registration	
16.	Have you registered under Employees Provident Fund & Miscellaneous Provision Act 1952? If so, enclose copy of Registration.	
17.	Enclose copy of latest remittance made by Bidder's Agency towards EPF	
18.	Are you registered under Gratuity Act 1972? (Optional)	
19.	Specify whether there are/ have been any issues/ disputes against Bidder's Agency before Commissioner Provident Fund, Commissioner ESI, Income Tax authorities, Labor Tribunal State/Central Public Health Authorities, etc.	
20.	Satisfaction certificates from at least two (2) from past and existing clients	
21.	Has bidder company been black listed by any of his/her clients? If yes, document / certificates with	

S. No	Description	Supplier Response			
	details to be submitted				
22.	What is the time limit you require to take over the services if you are selected?				
23.	Banker's Name and Address				
24.	Current Annual turn-over				
25.	The major customers for whom similar works are provided (Enclose copies of the Purchase Orders)				
26.	The Profit & Loss Account details for the last 3 years which is duly audited and Submitted as part of the Annual Report (In Rs. Lakhs only)	For any 3 Years			
		2017-18	2018-19	2019-20	2020-21
	Total Assets				
	Turnover				
	Profit/Loss				

Signature of Authorised Person with Seal

A. MINIMUM QUALIFICATION CRITERIA OF SERVICE PROVIDER:

The following are the minimum essential criteria to further validate/accept the bid. Vendor is requested to provide all the necessary supporting documents. If any deviation / non-compliances/lack of supporting document bid shall be summarily rejected.

Sl. No.	Clause Description	Compliance by bidder (Enclose Supporting Documents)
1.1.	The tendering agency should be having Minimum 3 Years' experience in CAMC of Kirloskar make screw chillers (Enclose Regn. certificate).	Forms A duly filled along with Supporting Documents
1.2.	Tendering agency must have PAN and GST registration.	
1.3.	The Agency/Firm should be registered under shops and establishment Act/ Companies Act/ Registrar of Firms, as the case maybe.	
1.4.	The tendering agency shall have average annual turnover arising out of such contracts should be Rs. 90.00 Lakhs per annum for the last three financial years. Please enclose copies of income tax returns for the last three financial years supporting the annual turnover value.	
1.5.	Registration Certificates with all authorities/bodies concerned with Labour Supply, EPF, and ESI shall be provided. Supporting documents with respect to meeting the criteria listed in the above clauses should be enclosed, which is an important requirement for evaluation. Tender document without these enclosures will be summarily rejected. Preferably, registration under Gratuity, Workmen Benevolent Fund, and with labour welfare schemes undertaken various Yojanas, Schemes, shall be an advantage.	
1.6.	Bidder should have satisfactorily completed the *similar works during the last 5 years (as on 31.12.2021) as mentioned below: a) One order value of similar work costing not less than Rs.152.00 Lakhs per Two years CAMC. b) Two orders value of similar works each costing not less than Rs. 95.00 Lakhs per Two years CAMC.	Annexure - A duly filled along with Supporting Documents

Sl. No.	Clause Description	Compliance by bidder (Enclose Supporting Documents)
	c) Three orders value of similar works each costing not less than Rs. 76.00 Lakhs per two years CAMC. *Similar Job shall mean: CAMC Service for Kirloskar make screw chillers of minimum 20 Numbers (Each chiller capacity shall be 100TR & above)	
1.7.	Technical proposal of the bidder, which is not able to substantiate/satisfy the claims made by it with respect to the technical requirements laid down in this ANNEXURE, is liable to be rejected.	
1.8.	Declaration in Affidavit on Non-Judicial Stamp Paper of Rs.10/- duly countersigned by Notary that they have not been banned or debarred by any Govt / Quasi Government Department or PSUs.	
1.9.	Offers of those bidders taking full scope of the work as per the requirements indicated in the ANNEXURE only will be considered.	

B. EVALUATION CRITERIA: The broad guidelines for evaluation of Bids will be as follows:

- (a) Only those Bids will be evaluated which are found to be fulfilling both technical and commercial requirements including the eligibility and qualifying criteria of the ANNEXURE,
- (b) During evaluation, SDSC SHAR may request Bidder for any clarification on the bid, additional documents.
- (c) Bidder must provide the point by point compliance to the technical specifications should be provided by the tenderer along with deviations as per Form-J. The tender can be rejected if the deviations are not acceptable to the Department.
- (d) Performance of Bidder on similar nature of works executed/ under execution shall be taken into consideration before selecting the Bidder for opening his price bid.
- (e) The time schedule for completion is given in the Proposal document. Bidder is required to confirm the completion period unconditionally.
- (f) Total price inclusive of all taxes, duties will be considered for arriving L1 and awarding the contract as per the procedures.

- (g) In respect of Two-Bid system, the technical Bids forwarded by the Bidders will be evaluated by the Buyer with reference to the technical characteristics as mentioned in the ANNEXURE. The compliance of Technical Bids would be determined on the basis of the parameters specified in the ANNEXURE. The Price Bids of only those Bidders will be opened whose Technical Bids would clear the technical evaluation.
- (h) The Lowest Bid will be decided upon the lowest landed price quoted by the particular Bidder as per the Price Format and including all taxes and duties.
- (i) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price will prevail and the total price will be corrected. If there is a discrepancy between words and figures, the amount in words will prevail for calculation of price.
- (j) The Lowest Acceptable Bid will be considered further for placement of contract / Supply Order after complete clarification and price negotiations as decided by the Buyer.
- (k) Splitting of the order / Work is not possible.
- (l) Offers of those bidders taking full scope of the work only will be considered.

(SIGNATURE OF BIDDER)

DETAILS OF SIMILAR NATURE OF ASSIGNMENT COMPLETED

SIMILAR NATURE OF WORKS: Comprehensive Annual Maintenance contract (CAMC)for servicing and maintenance of Kirloskar make screw chillers. – COMPLETED WORKS			
SI.No.	DESCRIPTION		DETAILS TO BE PROVIDED BY VENDOR
1)	Name of work	:	
2)	Location	:	
3)	Description of the Work.	:	
4)	Total value of the Work (Rs. In Lakhs)	:	
5)	Maintenance Area	:	
6)	Duration in Months	:	
7)	Name & Address of Employer / Organization, Telephone No. of officer to whom reference maybe made	:	

Note :

- a) Each work to be submitted in a separate sheet
- b) Supporting documents such as completion certificate from the clients is to be attached
- c) Bidder by those firms who do not submit “Performance Certificates” for the similar works as per above, from their previous employers / clients are liable to be rejected and will not be considered for evaluation.

Signature of Authorised Person with Seal

NAME OF THE WORK : _____

NAME OF BIDDER : _____

EXCEPTIONS AND DEVIATIONS (FORM-J)

In line with Proposal Document, Bidder may stipulate Exceptions and deviations to the Proposal conditions if considered unavoidable.

SL. NO	Reference in Specification		Dept. Spécification	Offered Spécification	DEVIATION
	PAGE NO	CLAUSE NO			

NOTE :

Only deviations are to be written in this **FORM-J**.

Any deviations taken by the Bidder to the stipulations of the Proposal document shall be brought out strictly as per this format and enclosed along with the bid.

Any deviations not brought out as per this Proforma (FORM-J) and written elsewhere in the Proposal document shall not be recognized and the same is treated as null and void.

Any wilful attempt by the Bidders to camouflage the deviations by giving them in the covering letter or in any other documents that are enclosed may render the Bid itself non-responsive.

(SIGNATURE OF BIDDER)

UNDERTAKING BY THE SERVICE PROVIDER

(to be submitted by the Service Provider in their letter head to the Service Receiver)

I/We, (authorized person of the Service Provider),.....(Designation) of M/s.....

.....
(Service Provider's name & address) participating in the tendering process for award of work under the Work Package Order(s) in Satish Dhawan Space Centre SHAR, Sriharikota do hereby undertake that:

- 1) I/We have carefully read and understood the General Terms and Conditions of the ANNEXURE.
- 2) I/We as well as the workforce to be deployed by me/our firm/society/agency/ company will maintain confidentiality of the work awarded to us and will not divulge any information that has come to my/our knowledge during the course of the execution of the Work in Service Receiver's establishment.
- 3) I/We as well as the work force to be deployed for carrying out the work will not retain or remove any drawings, electronic records or any documents related to such work from the premises/establishments of the Service Receiver and do not take any photograph or make copies or extracts from them.
- 4) I/We as well as the work force do not divulge any information or matters either during or after the term of the Work Package Order(s)/Service Contract/ANNEXURE for my or our own benefit or for the benefit of others.
- 5) I/We have understood that in case of violation of the terms and conditions of the Work Package and this undertaking, the Service Receiver has the right to cancel the Work Package Order(s) including forfeiture of Security Deposit in addition to initiation of appropriate legal action/remedies.
- 6) I/We have understood that strict compliance of this undertaking is a condition for award of the work under Work Package.

Company Seal

(Authorised Signatory of Company)

Place : _____

Date : _____

CHECK LIST

S.N	Description	Response by Supplier
1.	The detailed scope of work and technical specifications are under stood and price is quoted accordingly.	Yes / No
2.	Validity of Offer is 6 months	Yes / No
3.	Supporting documents is attached for Minimum Evaluation Criteria	Yes/No
4.	Please indicate the service tax applicable. If not mentioned it shall be assumed that the price quoted are inclusive of taxes	Yes / No
5.	Accepted the Department Payment Terms	Yes / No
6.	3 % of the Order Value shall be submitted as Performance Security for the performance of the contract, valid till completion of the contract period.	Yes / No
7.	The contract will be valid for a period of one year and will be extended for one more year based on the satisfactory performance.	Yes / No

Signature of authorized person

Date:

Full Name:

Place:

Seal:

ANNEXURE – II

Scope of work:

Name of the Work : Comprehensive Annual Maintenance Contract for servicing and maintenance of Kirloskar make Screw chiller located at SLP, FLP and Control Centre areas, SDSC SHAR for a period of Two years .

A . Preventive maintenance:

1. Contract agency shall check and render preventive maintenance service to all the equipment every three months i.e. Four times in a year during the currency of the contract. (Minimum 4 Services per year).
2. Checking the functioning of chiller packages refrigeration system, motors and starters and ensuring healthy operating condition of the chiller packages.
3. Checking the system for any leaks and rectification of leaks, if found. This include refrigerant leakages through chiller (cooler) end cover, end cover gasket, Tubes and tube side of chiller.
4. Checking the functioning of compressors and its controls & accessories to keep the chillers in healthy & operational condition.
5. Checking the Refrigeration control system for operation and adjusting the Settings
6. Taking set of readings and evaluating to ensure satisfactory performance of the plant
7. Lubricating the bearings of motors & fans when found necessary
8. Annual checking of compressor oil and changing the compressor oil if found necessary. **(Compressor oil shall be supplied by the contract agency on free of cost at site)**
9. Cleaning Air – Cooled condensers once a year.
10. Cleaning the evaporator once a year.
11. Replenishing of refrigerant gas as a result of leak developed due to wear and tear. (Refrigerant will be supplied by the department)
10. Reporting the healthiness of the plant and suggesting improvements, if any.
11. Painting of equipment once in year if necessary as instructed by Department

B. Breakdown call / Maintenance

However, contract agency shall also attend / arrange to attend all complaint / breakdown calls whenever called upon / required. . service engineer shall be deployed to attend breakdown calls, within 24 Hours of complaint.

C. Overhauling / Repairing & replacement

I. Free replacement of ALL DEFECTIVE / WORNOUT PARTS including normal wear and Tear with new or repaired parts for

1. Compressor
2. Condenser Fan and Fan motor
3. thermostat
4. cutouts
5. imported controls
6. pressure switches
7. modulating valves
8. modulating motors
9. solenoid valves,
10. coils for solenoid valves
11. Filter cum drier core
12. Expansion valves
13. All Miscellaneous parts of system.

D . Overhauling / Repairing & replacing of compressors.

- 1.Overhauling / Repairing & replacing the components of compressor i.e screw compressors / Reciprocating compressor / scroll compressor.
2. Replacement of defective compressor i.e. screw compressor / Reciprocating compressor / scroll compressor, if it is beyond repair.
3. Electrical Rewinding of compressor motor, Re conditioning of compressor otherwise replacement of compressor i.e. screw compressor / Reciprocating compressor / scroll compressor, if it is beyond repair. System cleaning after compressor motor burnout shall also be carried out.
4. Overhauling / repairing the components of the equipment at site or in service station as and when required including providing compressor on temporary basis till the defective compressor is ready in case of failure of the screw compressor.

E. Repairing & replacing of CHILLER control panel

1. Repairing & replacement of components in the chiller control panel is in the scope of contract agency like electric components – starter for compressors, overload relay, single phase preventor etc. including software program required for safe & healthy operation of chillers.
- 2.Checking of the microprocessor control Panel, Control Boards, transducers of chiller packages for their correctness and replacement of the same if found necessary.

IV.TERMS AND CONDITIONS

1. Payment will be made on quarterly basis for actual work done. The contractor should submit the claim for preparation of bills. Contractor shall raise the invoice in triplicate for checking & verification of the work attended and amount billed, enclosing the work completion certificate duly certified by Construction & Maintenance Division, (CMD) representative at various locations. The work completion certificate clearly indicate the job carried out and all the relevant information.
2. The successful tenderer shall deposit 3 % of PO. Value with department as security deposit, the form of Bank Guarantee for due and proper performance. . The Security deposit will be released after due fulfillment of the terms of the contract , with a claim period of 60 days and will not bear any interest.
3. Change in the taxes shall be considered as per the actual when there is a change in taxes as per the government rules.
4. The work shall be carried out by authorized contactor service Engineer only.
5. Power and water supply for repair work will be provided by department on free of cost.
6. Refrigerant Gas, Nitrogen Gas will be supplied by the Department free of cost for maintenance of the chiller packages.
7. Contractor shall make their own boarding, lodging & transport arrangement for their work force.
8. The rates quoted by the tenderer shall be valid for the period of **TWO years** from the date of issue of purchase order. However, the validity can be extended for one more year, if agreeable mutually. (By the Dept., and Successful tender).
9. Number of chiller packages in CAMC may be added or removed based on the site conditions by the department.

SCOPE OF WORK NOT COVERED UNDER THE COMPREHENSIVE ANNUAL MAINTENANCE SERVICE:

1. Day to day operations, routine maintenance, and housekeeping.
2. Any replenishment of consumable and failures of equipments pertaining to equipment capacity mismatch between high and low side.
3. Pneumatic controls, pressure gauges and thermometers.
4. Any welding work connected with above.
5. All kind of civil and structural work.

DETAILS FOR SCREW CHILLERS				
SLNO	TYPE	MODEL NO	LOCATION	QTY
1	Air cooled Screw chiller package	KAS 180.2 SLNO : A. E0450/02 B. E0450/03 C. E0450/01 CONTROLLER MODEL : MCS 8	Technical complex - 2 FLP Area	03 Nos
2	Water cooled Screw chiller package	KWS 120.2 SLNO : A. 07078 B. 06121 CONTROLLER MODEL : MCS 8-Rev 1.5 (c)	MST FLP Area	02 Nos
3	Water cooled Screw chiller package	KWS 120.2 A. 0545/01 B. 06004/01 C. 06027/01 D. 06104/01 E. 07038 CONTROLLER MODEL : MCS 8-Rev 1.5 (c)	Unified AC Plant Control Centre Area	05 Nos
4	Water cooled screw chiller package	KWS 190.2 SLNO : A. 0451-1 B. 0451-2 C. 0451-3 D. 0451-4 E. 0451-5 F. 0451-6 CONTROLLER MODEL : MCS 8	SP-2B, SLP Area	06 Nos
5	Water cooled Screw chiller package	KAS 150.2 SLNO : A. 0449-1 B. 0449-2 C. 0449-3 CONTROLLER MODEL : MCS 8 Rev 1.5 (c) 1998	SSAB, SLP Area	03 Nos
6	Air cooled Screw chiller package	KAS 185.24 SLNO : A. 1012327 CONTROLLER MODEL : PC 03 Medium (KAREL)	AC Plant I, SLP Area	01 No