



**SPORTS DEVELOPMENT AUTHORITY OF TAMIL NADU,
JAWAHARLAL NEHRU STADIUM, RAJA MUTHIAH ROAD, PERIYAMET, CHENNAI - 3**

NOTICE INVITING TENDER (NIT)

UNDER TWO COVER SYSTEM

FOR

**COMPREHENSIVE AMC & DAY-TO-DAY OPERATIONS OF CENTRALIZED AIR-
CONDITIONING CHILLER PLANT & OTHER AIR-CONDITIONING EQUIPMENT
AT SDAT NEHRU INDOOR STADIUM, CHENNAI-3.**

Last Date & Time for Submission of Tender: 12.05.2022 up to 3.00pm

To be submitted to

**The Member Secretary,
Sports Development Authority of Tamil Nadu,
Jawaharlal Nehru Stadium,
Raja Muthiah Road, Periyamet,
Chennai - 3**

Tender submitted by:

INDEX FOR TENDER FORM

Name of work: **Comprehensive AMC & day-to-day operations of centralized air-conditioning chiller plant & other air-conditioning equipment at SDAT Nehru Indoor Stadium, Chennai-3.**

TWO COVER SYSTEM

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- (a) Certified that this Tender document contains Pages 1 to 36
- (b) No Pages of this document is to be removed while submission of Tender
- (c) If space provided is insufficient for providing the required information additional enclosures may be submitted.
- (d) Tender Documents duly signed on all pages by the Contractor.

Member Secretary
Sports Development Authority of Tamil Nadu,
Chennai.

Seal & Signature of the Tenderer

Member Secretary,
SDAT, Chennai-3

ENVELOPE - A**SPORTS DEVELOPMENT AUTHORITY OF TAMIL NADU,
CHENNAI - 3**

Comprehensive AMC & day-to-day operations of centralized air-conditioning chiller Plant & other air-conditioning equipment at SDAT Nehru indoor stadium, Chennai-3.

SPECIAL INSTRUCTIONS FOR TWO BID SYSTEMS.

1. Considering the special nature of the work, SDAT proposes to adopt a two-bid system of tender. The first part of tender will only contain the EMD, covering letter of the tenderer, if any, and details pertaining to the questionnaire, eliciting details on proven experience, financial and technical strength, and organizational details with supporting documents. The first part is called **Technical Bid**. This part can contain any other Technical / Commercial information pertaining to this tender **but shall not contain any mention or indication of the tendered rate and / or amount.** The second part, **called Financial Bid**, shall contain the tender book issued to The Tenderer, duly filled in furnishing tendered rates and amount.
2. The first part (Questionnaire – Technical Bid) shall be put in **Envelope A**. The EMD by Demand Draft should be put in a separate sealed cover and put along with the Technical Bid in **ENVELOPE – A** and sealed.
3. The second part (Financial bid) shall be put in **Envelope- B** and sealed.
4. Both envelopes **A** and **B** shall be put in one Envelope and sealed.
5. Any deviation from the above requirement will entail disqualification and SDAT decision on this matter shall be final and binding on all parties.
6. Envelopes **A** of the tenderer who submit tenders within the stipulated time will be opened by Member Secretary, SDAT at his office **at 3.30 p.m. on 12.05.2022** in the presence of tenderers who chose to be present.
7. SDAT will intimate to all tenderers the date and time of opening of the second part (Financial Bid) contained in Envelope-B, and it will be opened after SDAT completes scrutiny of Technical Bid i.e. scrutiny of Envelope A contents. SDAT will open Financial Bid of only such tenderers who in the opinion of SDAT fulfill the essential requirements of proven experience, capability to execute the work in the given time, financial strength etc. Financial Bid of such tenderers who do not satisfy the tender committees/experts appointed by the same, expertise,

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Member Secretary,
SDAT, Chennai-3

requirements for experience expertise etc. will not be opened at all. Decision of SDAT and the tender review committee appointed by Government for this in all matters relating to these issues will be final and binding on all parties.

8. Sealed Tenders should be addressed to the Member Secretary, SPORTS DEVELOPMENT AUTHORITY OF TAMILNADU and superscribed "Comprehensive AMC & day-to-day operations of centralized air-conditioning chiller plant & other air-conditioning equipment at SDAT Nehru indoor stadium, chennai-3". The tender should be submitted before **3.00pm on 12.05.2022**
9. No tender will be received after **3.00P.M. on 12.05.2022** under any circumstances whatsoever.
10. a) Tenders – Envelope-A (Part-I Technical Bid) will be opened at **3.30 P.M. On 12.05.2022** at this office by Tender Scrutiny Committee designed for this purpose by him in the presence of the tenderers or their representatives, who choose to be present.
- b) Tenders shall be remain open to acceptance by the SPORTS DEVELOPMENT AUTHORITY OF TAMILNADU for a period of **90** (Ninety) days from the date of opening of the tender which period may be extended by mutual agreement and the tenders shall not cancel **or** withdraw the tender during this period failing which EMD shall be forfeited.
- c) The tenderer must use only the forms issued by the Sports Development Authority of Tamilnadu to fill in the rates.
11. SPORTS DEVELOPMENT AUTHORITY OF TAMILNADU discourages stipulation of additional conditions by the tenderers, as they are expected to accept the various provisions and conditions in the tender documents. Conditional tender is liable for rejection.
12. Tenderers must sign and affix their seal in all pages of the tender.
13. Regarding submission of tender please see and follow as listed in Special Instructions for Two Bid System.
14. If the sealed tenders are sent by post, the tenderers shall ensure that the tenders are posted early so that the tenders are received by the Authority within the stipulated time. The covers shall be addressed to the Member Secretary, SPORTS DEVELOPMENT AUTHORITY OF TAMILNADU, Jawaharlal **Nehru Stadium, Raja Muthiah Road, Periyamet, Chennai - 3**. If the tenders are to be delivered in person at the above address, the sealed tenders shall be deposited before the stipulated time.
15. SPORTS DEVELOPMENT AUTHORITY OF TAMILNADU have the right to reject the tender not strictly complying with the above procedure and stipulations.

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Member Secretary,
SDAT, Chennai-3

16. The tenderer should furnish his qualifications and experience in carrying out these specialized works and also particulars of his license from the competent authorities entitling him to execute these works.
17. In case the tenderer proposes to have these works executed by Sub-contractors, full details and name of the sub-Tenderer his qualification, experience, license from competent authority empowering him to execute such works etc., must be furnished with the tender.
18. The SPORTS DEVELOPMENT AUTHORITY OF TAMILNADU reserves full discretion to award any of these works to other agencies if they so desire and the tenderer shall not be entitled to withdraw his tender on this account and any such withdrawal will entail forfeiture of the earnest money deposited with the tender.
19. In cases where the work of the Sub-contractors engaged by the tenderer is not to specifications or the progress is not satisfactory, the SPORTS DEVELOPMENT AUTHORITY OF TAMILNADU will be at liberty to stop further work by such sub-Tenderer and the tenderer shall engage another sub-Tenderer acceptable to the SPORTS DEVELOPMENT AUTHORITY OF TAMILNADU failing which SPORTS DEVELOPMENT AUTHORITY OF TAMILNADU will be at liberty to get such works executed by other agencies at the cost of the tenderer / contractor.
20.
 - a) The tender form must be filled in English and all entries must be made by hand and written in ink. If any of the documents is missing, or unsigned, the tender may be considered invalid by the SPORTS DEVELOPMENT AUTHORITY OF TAMILNADU in its discretion.
 - b) Rates should be quoted both in figures and words in columns specified. All erasures and alterations made while filling the tender must be attested by initials of the tenderer. Overwriting of figures is not permitted; failure to comply with either of these conditions will render the tender invalid and it will be the option of the SPORTS DEVELOPMENT AUTHORITY OF TAMILNADU to accept or reject the tender. No advice of any change in rate or conditions after the opening of the tender will be entertained.
 - c) Each of the tender documents should be signed by the person or persons submitting the tender in token of his/their having acquainted himself/themselves with the General Conditions of Contract, Specifications, Special Conditions, etc., as laid down. Any tender with any of the documents not so signed will be rejected.
 - d) The tender submitted on behalf of a firm shall be signed by all the partners of the firm or by a partner who has the necessary authority on behalf of the firm to enter into the proposed contract. Otherwise the tender may be rejected by the SPORTS DEVELOPMENT AUTHORITY OF TAMILNADU.
21. Intending tenderers shall pay an Earnest Money Deposit (EMD) of **Rs.53,500/-** in the form of Demand draft / Pay order drawn on a Nationalized Bank in favour of The Member Secretary, SPORTS DEVELOPMENT AUTHORITY OF TAMILNADU

Seal & Signature of the Tenderer

Member Secretary,
SDAT, Chennai-3

payable at Chennai. A tender, which is not accompanied by such Earnest Money Deposit will not be considered and is liable to be rejected. The EMD will be returned to the unsuccessful tenderer after 30 days from the validity period of the tender without any interest.

22. Request for extension of due date **WILL NOT** be entertained under any circumstances.

Seal & Signature of the Tenderer

Member Secretary,
SDAT, Chennai-3

PART -I (A) : NOTICE INVITING TENDER (NIT)

Sports Development Authority of Tamilnadu (SDAT) invite tender for the following work from Air-conditioning service providers.

1	Name of Work	Comprehensive AMC & Day-to-Day operations of Centralized Air-conditioning Chiller plant & other Air-conditioning Equipment at SDAT Nehru Indoor Stadium.
2	Contract period	3 years (From the date of issue of order)
3	Earnest Money Deposit	Rs. 53,500/-
4	Security Deposit (Retention for the contract period)	5% of total contract value
5	Last date and time of receipt of tender bids	On 12.05.2022 up to 3.00pm
6	Availability of Tender documents	From 26.04.2022 to 11.05.2022 up to 5.30 P.M at www.tenders.tn.gov.in and www.sdat.tn.gov.in can be downloaded at free of cost.
7	Date, Time and place of Opening of Tender	On 12.05.2022 at 3.30 P.M in the O/o The Member Secretary, Sports Development Authority of Tamil Nadu, Jawaharlal Nehru Stadium, Raja Muthiah Road, Periyamet, Chennai – 600 003.
8	Validity of offer	3 months

In case the date of opening of tenders is declared as a holiday, the tenders will be opened on the next working day at the same time.

Member Secretary, SDAT has the right to accept/reject any/all tenders without assigning any reasons.

Seal & Signature of the Tenderer

Member Secretary,
SDAT, Chennai-3

ELIGIBILITY CRITERIA

S.I.	ELIGIBILITY CRITERIA	DOCUMENTS TO BE SUBMITTED
1	The bidder must be an Indian firm / company / organization registered under applicable Act in India.	Copy of the Partnership deed/ Certificate of Incorporation issued by Registrar of Companies along with Memorandum & Articles of Association and full address of the registered office.
2	The bidder must have an annual financial turnover during the preceding three years, with minimum of Rs.1.00 Crore.	Copy of the audited Balance Sheet or Certificate of the Chartered Accountant for preceding three years, i.e. 2018-19, 2019-20 & 2020-21.
3	Bidder should have minimum 5 years of experience in providing CAMC services.	Copy of the order & Completion Certificate from the client.
4	The bidder shall have a valid PAN and GST number.	Copy of the PAN and GST registrations shall be submitted.
5	The bidder should be an Original Equipment Manufacturers or an Authorized service provider of reputed brands. However they should have requisite expertise in servicing and maintenance of other Brands of Air Conditioners also.	A copy of Dealership Certificate/ Authorization letter issued by the company to the bidder for being Authorized service provider is to be submitted
6	The Bidder should have their established Office & service set-up in Chennai for consideration of service support.	Address Proof for the office / branch is to be submitted.

7	<p>The Bidder should have satisfactorily completed “Similar” works during the last 7 years with a Government Department / Public Sector Undertaking / Government Autonomous Bodies / Financial Institutions / Private sectors / Corporate Offices / IT companies.</p> <p>i) One Similar AMC work of 400TR (or)</p> <p>ii) Two Similar AMC works of 250 TR (each)</p> <p>(“Similar” works shall mean Comprehensive AMC & Day-to-Day operations Contract of three year for Centralized Air-conditioning Plant)</p>	<p>Completion Certificate issued by the authorized officer of the client will have to be furnished along with the tender document. Please do not submit experience of lesser capacity.</p> <p>The Completion Certificate along with the copy of the client’s work order must clearly indicate:-</p> <p>a) Date of commencement of AMC</p> <p>b) Date of completion of AMC</p> <p>c) Nature of AMC</p> <p>d) Whether the AMC has been completed satisfactorily or not.</p> <p>e) Value of Air conditioner Tonnage involved in AMC</p> <p>The details of the work to be provided in the format as per ‘Annexure – I’</p>
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Note: Documentary evidence like certificates etc. must be furnished against each of the above criteria along with an index. All documents must be signed by the authorized signatory of the bidder. Relevant portions, in the documents submitted in pursuance of eligibility criteria, should be **highlighted**.

APPLICATION FORM

1. Name of the organization/ Firm :
2. Address :
3. Name, Telephone Nos. including Mobile:
and e-mail id of contact person
4. Fax No. :
5. Registration with Govt. Authorities :
PAN No. :
GST No. :
6. Banker's Name & address :
7. Name and address of the Client who will
be in a position to certify about the
quality as well as performance of your
firm :

Note: Please enclose separate sheets for additional information, photographs, and documents.

PART –I (B) : INSTRUCTIONS TO THE TENDERER

Scope of Work

Sealed Tenders are invited for

“Comprehensive AMC & Day-to-Day operations of Centralized Air-conditioning Chiller plant & other Air-conditioning Equipment at SDAT Nehru Indoor Stadium.”

Site and Its Location:

The proposed work is to be carried out at : SDAT Nehru Indoor Stadium,
Sydenhams road,
Periamet, Chennai –3

Tender Documents:

The work has to be carried out strictly according to the conditions stipulated in tender consisting the following documents and the most work man like manner,

- Instructions to tenderers
- General Conditions of Contract
- Scope of Work
- Price Bid

The above documents shall be taken as complementary and mutually explanatory of one another but in case of ambiguities or discrepancies, shall take precedence in the order given below:

- Price Bid
- Scope of Work
- General Conditions of Contract
- Instructions toTenderers

In case of difference between rates written in figures and words, the rate in words shall prevail. The tender documents are not transferable.

3.0 Site Visit

The tenderer must obtain himself on his own responsibility and his own expenses all information and data which may be required for the purpose of filling this tender document and enter into a contract for the satisfactory performance of the work. The

Tenderer is requested to satisfy himself regarding the availability of water, power, transport and communication facilities, the character quality and quantity of the materials, labour, the law and order situation, climatic conditions local authorities requirement, traffic regulations etc; The tenderer will be fully responsible for considering the financial effect of any or all the factors while submitting his tender.

4.0 Earnest Money:

The tenderers are requested to submit the Earnest Money of **Rs.53,500/-** (Rupees fifty three thousand five hundred only) in the form of Demand Draft in favour of “Member Secretary-SDAT” drawn on any Bank in India. EMD in any other form other than as specified above will not be accepted. Tender not accompanied by the EMD in the prescribed form shall be rejected. No interest will be paid on the EMD. EMD of unsuccessful tenderers will be refunded within 30 days of award of Contract. EMD of successful tenderer will be retained as a part of security deposit.

5.0 Security Deposit:

The successful tenderer will have to submit a sum equivalent to 5% of contract value less EMD by means of D.D drawn in favour of “Member Secretary-SDAT” within a period of 15 days of acceptance of tender. No interest shall be paid to the amount retained by the SDAT as Security Deposit.

6.0 Signing of Contract Documents:

The successful tenderer shall be bound to implement the contract by signing an agreement and conditions of contract attached herewith within **7 days** from the receipt of intimation of acceptance of his tender by the SDAT. However, the written acceptance of the tender by SDAT will constitute a binding agreement between the SDAT and successful tenderer whether such formal agreement is subsequently entered into or not.

7.0 Contract Period:

The contract period for the work shall be for **three years from 2022-2025**. SDAT, at its discretion may extend the term further for a period of one year at the same rates & terms and conditions.

8.0 Validity of Tender:

Tenders shall remain valid and open for acceptance for a period of **3 (Three) months** from the date of opening price bid. If the tenderer withdraws his/her offer during the validity period or makes modifications in his/her original offer which are not acceptance to the SDAT without prejudice to any other right or remedy the SDAT shall be at liberty to forfeit the EMD.

9.0 Rates and Prices:

The tenderers should not change the units as specified in the tender. If any unit is changed the tenders would be evaluated as per the original unit and the contractor would be paid accordingly. The tenderer should not change or modify or delete the description of the item. If any discrepancy is observed he should immediately bring it to the knowledge of the SDAT. Each page of the Tender document, Technical Specifications, Terms & conditions, BOQ, etc. shall be signed by the authorized person and cutting or overwriting shall be duly attested by him.

The price quoted should include mandated wages in line with current Central Govt. Minimum Wages Act, other statutory payments to the labour, escalation on account of increase in minimum wages during the contract period, profit, lump sum payment towards the cost such as Insurance, personal protective equipment, tools required and other charges related to scope of work. If the rate quoted for the respective category is less than the applicable mandated wages in line with current Central Govt. Minimum Wages Act, tender shall summarily be rejected and shall be deemed invalid.

10.0 Submission of Tender:

The tender is to be submitted in a sealed ENVELOPE duly marked as “**Comprehensive AMC & Day-to-Day operations of Centralized Air- conditioning Chiller plant & other Air-conditioning Equipment at SDAT Nehru Indoor Stadium. Chennai-3**” on the outside.

Technical Bid (Cover-A): To contain Tender document, Technical Specifications, Earnest Money Deposit (EMD), Eligibility criteria documents, etc.

Price bid (Cover-B): filled up and duly signed price bid documents in the prescribed format in full with price details in separate cover (cover-B)

The sealed COVER-A & the sealed COVER-B should be submitted in single outer sealed cover.

Envelope will be opened in the presence of the tenderers / authorized representative who may choose to be present. Tenderers could depute one person only for the tender opening who is duly authorized and they should produce an authorization letter.

11.0 Bidder should have their established office in Chennai for consideration of service support. Credentials showing the above shall be submitted along with the bidding. The bidder should have a permanent service facility in Chennai headed by a Qualified Engineer; Address, Phone nos. have to be given also hierarchy of escalation.

12.0 Company should have a GST registration certificate for their registered offices. PAN Details to be provided.

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Member Secretary,
SDAT, Chennai-3

13.0 The technical bid must be accompanied by self-attested copies of the documents following without which the tender shall be rejected:

14.0 Successful Bidder will have to enter into an agreement with the SDAT. The format of the agreement shall be designed drafted based on the Terms & Conditions / Clauses mentioned in this RFP document. However, SDAT reserves the right to add / delete any other Clauses in this agreement.

The successful Bidder should forward a letter specifically indicating the names of their personnel who will be providing services in different heads. Along with the letter, the following data should also be provided:-

The Contractor has to submit the Bio-data, Qualification & Experience certificate for all their personnel who will be providing services in this contract.

SDAT reserves the right to reject any persons to be employed by the Contractor at the discretion of the SDAT. Once the contract is awarded, if they wish to change any of the above personnel, the maintenance contractor will inform the SDAT in writing and obtain the SDAT's prior approval, one week in advance.

15.0 After the contract is awarded, the Contractor will carry out the work without raising any preconditions regarding the functioning of any AC installations. Irrespective of existing condition of the equipment, the Contractor should carry out all maintenance / rectification works that are necessary to make the system fully operational.

16.0 Decision of SDAT in regard to interpretation of the Tender Conditions, Terms & Conditions, Scope of Work, Agreement, Payment terms, etc. shall be final and binding on the Contractor. In case of any dispute between the Contractor and the SDAT, the SDAT shall have the right to decide. However all matters of jurisdiction shall be subjected to courts in Chennai.

17.0 SDAT reserves its right to reject any or all the Tenders / Quotations without assigning any reasons therefore and the SDAT's decision shall be final and binding.

18.0 No deviation of any kind will be allowed in Tender conditions, Scope of work, Terms & Conditions, Payment Terms, etc. after the tendering process are over.

PART –I (C) : GENERAL CONDITIONS OF CONTRACT (GCC)

1.0 Definitions

“Contract” means the documents forming the tender and the acceptance thereof and the formal agreement executed between SDAT (Client) and the contractor, together with the documents referred therein including these conditions, the specifications, scope of work and instructions issued from time to time by the SDAT and all these documents taken together shall be deemed to form one contract and shall be complementary to one another.

In the contract the following expressions shall, unless the context otherwise requires, have the meaning hereby respectively assigned to them.

‘Employer’ shall mean SPORTS DEVELOPMENT AUTHORITY OF TAMILNADU (SDAT) shall include its assignees and successors.

‘The Contractor’ shall mean the individual or firm or company whether incorporated or not, undertaking the works and shall include legal personal representative of such individual or the composing the firm or company and the permitted assignees of such individual or firms of company.

The expression ‘works’ or ‘work’ shall mean the permanent or temporary work described in the ‘Scope of Work’ and/or to be executed in accordance with the contract and includes materials, apparatus, equipment, temporary supports, fittings and things of all kinds to be provided, the obligations of the contractor hereunder and work to be done by the contractor under the contract.

‘Engineer’ shall mean the representative of the SDAT.

‘Drawings’ shall mean the drawings prepared by the Architects and issued by the Engineer and referred to in the specifications and any modifications of such drawings as may be issued by the Engineer from time to time ‘Contract value shall mean the value of the entire work as stipulated in the letter of acceptance of tender subject to such additions thereto or deductions there from as may be made under the provision herein after contained.

‘Specifications’ shall mean the specifications referred to in the tender and any modifications thereof as may time to time be furnished or approved by the SDAT.

“Month” means calendar month.

“Week” means seven consecutive days.

“Day” means a calendar day beginning and ending at 00 Hrs and 24 hrs respectively.

2.0 Ownership of drawings

All drawings, specifications and copies thereof furnished by the SDAT through its architect/consultant are the properties of the SDAT. They are not to be used on other work.

3.0 Commencement of Works

The date of commencement of the work will be from the date of issue of Work order.

4.0 Delay in works & penalty

- 4.1 If any of the works mentioned in scope of work are not carried out by the Contractor in time or absenteeism of their workmen or non-performance of duties, SDAT will arrange to carry out this work through any other contractor at their will and deduct the expenses (decided by the SDAT) from the AMC bill.
- 4.2 In case of absenteeism of the contractor workmen, corresponding amount shall be deducted in the monthly AMC bill with **penalty of Rs.1,000 /- per case.**
- 4.3 If the Contractor does not fulfill the minimum qualifications of the manpower provided by them, then proportionate maintenance charges from the monthly AMC bill will be deducted by the SDAT.
- 4.4 That if the Contractor does not fulfill the provisions of the clauses mentioned, the proportionate maintenance charges for those months will not be payable by the SDAT. The SDAT shall then carry out the repair/ maintenance work and any loss borne by the SDAT would be recovered from the charges payable to the Contractor.
- 4.5 While executing the maintenance / breakdown works Contractor has to take necessary precautions to avoid any damage to SDAT's property. In case of any property damage, the Contractor has to repair/replace the same at no extra payment. If the Contractor fails to repair/replace, then the same work shall be carried out through other agency and the expenditure incurred shall be debited from the AMC amount payable to the Contractor.

5.0 Permits, Laws and Regulations

Permits and licenses required for the execution of the work shall be obtained by the contractor at his own expenses. The contractor shall give notices and comply with the regulations, laws, and ordinances rules, applicable to the contractor. If the contractor observes any discrepancy between the drawings and specifications, he shall promptly notify the SDAT in writing. If the contractor performs any act which is against the law, rules and regulations he shall meet all the costs arising there from and shall indemnify the SDAT any legal actions arising there from.

6.0 Protection of works and property

The contractor shall continuously maintain adequate protection, of all his work from damage and shall protect the SDAT's properties from injury or loss arising in

connection with contract. He shall take adequate care and steps for protection of the adjacent properties. The contractor shall take all precautions for safety and protection of his employees on the

works and shall comply with all applicable provisions of Government and local bodies' safety laws and building codes to prevent accidents, or injuries to persons or property of about or adjacent to his place of work. The contractor shall take insurance covers at his own cost.

7.0 Manpower, Wages, Tools, etc.

- 7.1 The Contractor should ensure to comply with all the provisions of Labour Act / State / Central Govt. agreed procedures. The Contractor shall be solely responsible for compliance to provisions of Various labour and industrial laws and all statutory obligations such as minimum wages as per Central Govt. rules, allowances, compensations, EPF, Bonus, gratuity, ESIC, etc. relating to workers provided to the SDAT. The SDAT shall have no liability in this regard.
- 7.2 The Contractor shall ensure to get the police verification for all the manpower deployed by them and the contractor should ensure that the manpower deputed should bear good moral character.
- 7.3 All personnel provided by the Contractor will be on the payrolls of the Contractor / Company and there will be no Employee and Employer relationship between the personnel engaged by the Contractor and the SDAT.
- 7.4 That the Contractor will not sub-contract or permit any other person to perform any of the work or services agreed to without prior permission from the SDAT.
- 7.5 The Contractor shall ensure the availability of a reliever for weekly off and a substitute is provided if a person is absent. The Contractor should arrange for replacing his workmen to give weekly off to his workmen as per the labour rules.
- 7.6 Contractor's personnel or their family members shall not be allowed to stay / reside at site. Contractor should arrange for uniforms (dress code to their Staff).
- 7.7 If the SDAT does not avail of certain service(s) mentioned in the Scope of work, then the SDAT shall not pay for that/those service(s). The SDAT shall have the right, during performance of the maintenance contract to change the scope and/or technical character of the maintenance contract.
- 7.8 The Technicians should be able to communicate in local language, Hindi & English Languages.
- 7.9 The contractor shall strictly comply with all Labour and such other statutory laws in relation to the services to be provided and the personnel engaged by the contractor and they shall be solely responsible for all acts of the said personnel so enrolled and
there shall and will not be any priority of contract for any purpose and to any intent between the SDAT and said personnel so engaged by the Contractor. The

SDAT shall not be liable nor answerable in respect of any claims or demands in respect of any matter or on any account which may be raised by the said personnel so engaged by the Contractor and it shall be the sole responsibility and liability of the Contractor to answer all such claims or demands of the said personnel so engaged, under any law for the time being in force.

- 7.10 The contractor shall be responsible for the training, allotment of duties, hours of work and timings to the engaged personnel for the purpose. The contractor shall alone have the right to exercise control, give directions and manage the personnel engaged for the purposes.
- 7.11 The contractor should possess, for the entire duration of these presents, all licenses and registrations as may be required under any law and shall be responsible to register himself and obtain a valid license under Contract Labour (Regulation and Abolition) Act 1950 and rules there under. The Contractor shall comply with all rules and regulations in force under the said Act and Rules. The Contractor shall comply with all applicable laws, Rules and Regulations relating to Provident Fund, Payment of Bonus, Minimum Wages or any other Statutory / Regulatory requirements. Any dispute regarding such dues shall and be dealt with and settled by the contractor.
- 7.12 In terms of provisions of the aforesaid Contract Labour (Regulation & Abolition) Act, 1970 and Rules 72 and 73 of the Rules framed there under, in case the same are applicable to the Contractor, the Contractor shall disburse the minimum wages payable to its personnel only in the presence of the Authorized representatives of the SDAT and shall obtain due certification to that effect from the said Authorized representative of the SDAT. Any violation of the aforesaid provisions of the Law will entail forthwith termination of this Contract in addition to such penal consequences as may be attended with under these presents.
- 7.13 The Contractor shall be responsible for any loss due to theft / pilferage and / or damage to the SDAT's property when such damage is, in the opinion of the SDAT, caused due to negligence, carelessness or any fault on the part of the Contractor or his workmen / employees engaged for the Services. The Contractor shall ensure that the character and antecedents of the personnel engaged by them are duly verified before such engagement.
- 7.14 At least one set of tools and tackles of reputed make necessary for carrying out repair and maintenance works of Air Conditioners under AMC are to be maintained in the plant room. The tools and tackles must be good working condition and maintained properly. Sufficient quantity of gas, pressure gauges, flare torches etc shall be provided. Spare Tool and Tackle Register: All the spares and tools and tackles are to be recorded in the register, and the Spares taken outside the premises also to be recorded with serial number of spare and in and out date and time. The Contractor shall ensure that necessary tools and equipment are always available at site for the purpose of attending breakdowns on emergency basis. All the tool kits and meters should be of an ISI marked wherever applicable and the required numbers are to be made available by the Contractor.

- 7.15 Whenever technicians are attending to repairs and services, the information of location where repairs and services of air conditioners is being carried out must be recorded in the Movement Register existing in plant room along with time at which they have left. On returning back the same to be recorded.
- 7.16 Apart from regular letter communications, all the E-mail communications from SDAT are to be treated as formal communication for all practical purposes.
- 7.17 The mobile number of the technicians deployed at Office must be registered with SDAT and whenever the numbers are changed the same must be intimated to the dept. The numbers registered must be accessible 24 hours round the clock.
- 7.18 Further mobile number, land line number and email ID of the supervisor to whom the technicians are reporting and that of Top Management level is to be provided to SDAT for communication purpose.

8.0 Safety, Security, etc.

- 8.1 That the SDAT shall not be liable for any compensation in case of any fatal injury / death caused to any other Contractor's employees while performing / discharging their duties / visiting SDAT's premises for inspection or otherwise. The contractor shall alone be fully responsible for safety and security & insurance or life insurance of their personnel who is working on the operation and maintenance works.
- 8.2 In no case, safety norms shall be violated. Even in case of urgency, when temporary rectification is done, etc. no such compromise is allowed as regards to safety provisions.
- 8.3 The Contractor should issue a valid Company Identity cards to all their staff personnel who will be providing services under this contract.
- 8.4 The Contractor shall provide and ensure sufficient personal protection gears like safety shoes, hand gloves, full body safety belts, ladders, umbrella, rain coat, temporary platform, first-aid box, etc. are being used by their workers while carrying out works.
- 8.5 The Technicians shall report to the Security while entering & exiting the premises. All personnel of Contractor will be subjected to a thorough physical checking while coming and leaving the building. Those persons so deputed will sign in the Register for arrival and departure at the site.
- 8.6 The Contractor undertakes, accepts and admits absolute and complete responsibility for the service conditions, claims, damages and other compensations of the personnel enrolled by them and will be liable for and unequivocally assume responsibility for due compliance with all the requirements of all statutory obligations, duties and liabilities (including insurance) and to pay all such claims, costs, damages, expenses, fines, penalties and compensation which may arise out of any claim, suit or prosecution for contravention thereof. The contractor shall indemnify and keep the SDAT indemnified from and against all such claims, demands, costs, charges, fines or penalties and compensations etc. if any as aforesaid.

- 8.7 The contractor shall arrange and pay for policy under the Public Liability Insurance Act, 1991 and insure and keep insured all materials which are or have been declared to be hazardous under the notifications issued or that may be issued from time to time under the above said Act or any Rule framed there under and which are used by the Contractor during the course of the Services under these presents.
- 8.8 The Contractor shall obtain adequate Insurance Policy in respect of his workmen engaged for the service towards meeting the Liability of Compensation arising out of death, injury / disablement at work etc and shall regularly and punctually pay each and every premium as and when the same shall become due during the currency of these presents.
- 8.9 All security and safety regulations and guidelines as per the applicable law are to be followed. All guidelines/directions of SDAT's Security Division must be followed.

10.0 Payment Terms:

- 10.1. Payment of AMC shall be made post quarterly basis on satisfactory performance of the services rendered. Copy of the routine maintenance works have to be submitted along with the Bills, performance certified by the concerned Stadium Officer and Engineer in charges/ H.T.Operator, SDAT-Indoor Stadium, Chennai.
- 10.2. There would be no increase in rates payable to the Contractor during the Contract period.
- 10.3. Payment of wages to all the workers engaged by the contractor should be through an Account maintained with any Scheduled Commercial Bank.
- 10.4. The Contractor will be obligated to meet the SDAT officials once in a month for assessing and monitoring the quality of services rendered as may be decided by the SDAT and for which notice will be given to the contractor either in person or by a written communication. The Contractor shall comply with such observations / feedback made and furnished by the SDAT for improvement of the services by them. However, the continuance of the contract shall be subject to review of the performance from time to time and in case the performance is not found to be satisfactory by the SDAT for any period under such review, the SDAT at its discretion, reserves its right to terminate these presents under due notice to the Contractor without incurring any further liability therefore.
- 10.5. The Contractor should submit Bank statement of account of previous month with respect of employees engaged for maintenance of the SDAT's premises showing details of payment made as per the current Minimum Wages along with the bill for the succeeding month. Under no circumstances, process to make payment for succeeding month shall be initiated without the required

statement of account. Failure to submit the statement shall be construed as breach of contract and shall lead to termination of the contract overriding all provision of the agreement whatsoever. This agreement is for providing the services and is not for supply of Contract Labour and that the persons employed by them for providing the services more fully described in the Schedule shall be the employees of the contractor and not of the SDAT.

- 10.6. All questions relating to the performance of the obligations under this agreement and to the Quality of materials used in respect of the services and all the disputes and differences which shall arise either during or after the agreement period or other matters arising out of or relating to this agreement or payment to be made in pursuance thereof shall be referred to Member Secretary - SDAT, whose decision shall be final, conclusive and binding on the contractor.
- 10.7. All the taxes which the SDAT may be liable to deduct or called upon to so deduct during the Currency of the arrangement which are liable to be payable by the contractor under the law but no so paid, shall be set-off against the bills raised by the contractor and paid to the respective Government Department so authorities as may be required under law and the contractor shall have no claim against the SDAT in respect of any or all such payments.
- 10.8. The Contractor shall in terms of the provisions of Sections 16, 17 and 18 of the Contract Labour (Regulations & Abolition) Act, 1970 and the Rules framed under said Act Provide the prescribed amenities to its personnel. In case of failure of the contractor in complying with the said provisions, the SDAT may provide the same when called upon to do so by the Competent Authorities and deduct the expenses incurred thereof from the bills of the Contractor without prejudice to its other rights and remedies under these present. The Contractor shall be responsible for proper maintenance of all Registers, Records and Accounts so far these relate to the compliance of any and all statutory provisions /obligations.

11.0. **Spare**

All the spare materials used for maintenance works should be certified ISI mark and as per the brand makes as may be specified by the SDAT. Materials should be of high quality satisfactory to the SDAT and shall be procured from reputed dealers / shops.

12. **Termination of the Contract**

The Member Secretary, SDAT reserves the right to terminate the agreement in case of breach of any terms and conditions of this agreement by the Contractor, with 24 hours' notice. The SDAT also reserves its right, to claim damages for such breaches and the decision of the bank in this regard shall be final. SDAT can terminate the agreement if the services provided by the Contractor are found to be dissatisfactory. Either party can terminate the

agreement by giving 30 days' notice in writing to the other.

13.0 Business Termination

In the event that the contractor shall close conducting business in the normal course or wind up, make a general assignment for the benefit of creditors, suffer or permit the appointment of a receiver for its business or shall avail itself or become subject to any proceeding under any Act or statute of any country or state relating to insolvency or protection to rights of creditors, then (at the option of the SDAT notwithstanding clause 1.0 of the agreement) this agreement shall terminate and be of no further force and effect and any property or rights of such other party tangible or intangible shall forthwith be returned to it.

14.0 Force Majeure

Neither party shall be liable for delay in performing obligations if the delay or failure is due to any of the following Government Act, fire, earthquake, explosion, strikes/ Bandh, civil commotion or anything beyond the control of either party. The party shall use all reasonable endeavors to minimize any such delay.

15.0. Local Laws, Acts, Regulations:

The contractor shall strictly adhere to all prevailing labour laws inclusive of contract labour (regulation and abolition act of 1970) and other safety regulations. The contractor shall comply with the provision of all labour legislation including the latest requirements of all the Acts, laws, any other regulations that are applicable to the execution of the project.

- i) Minimum Wages Act, 1948(Amended)
- ii) Payment of Wages Act 1936(Amended)
- iii) Workmen's Compensation Act 1923(Amended)
- iv) Contract Labour Regulation and Abolition Act 1970 and Central Rules 1971(Amended)
- v) Apprentice Act 1961(Amended)
- vi) Industrial Employment (Standing Order) Act 1946(Amended)
- vii) Personal Injuries (Compensation Insurance) Act 1963 and any other modifications
- viii) Employees' Provident Fund and Miscellaneous Provisions Act 1952 and amendment there of

16.0 Applicable Law:

The Contract shall be interpreted in accordance with the laws of the Union of India and shall be subject to the exclusive jurisdiction of courts at Chennai.

PART – I (D) : SCOPE OF WORK

- 1.0 All the works should be carried out through qualified technicians only. The Contractor shall carry out all operation and maintenance services in agreed to with the help of qualified persons who are totally familiar with the work they are required to perform.
- 2.0 Supply of manpower is daily (excluding Government Holidays and Sundays) from 9.30 am to 6.00pm for daily routine / preventive / breakdown maintenance of all AC installations and equipment. The Contractor personnel should be available in the premises throughout the entire working hours. However, if the maintenance contractor feels that more expertise is required to carry out the above work, they may deploy additional experts at their discretion. SDAT will not pay any additional amount for the additional man power.
- 3.0 The manpower should be present as per below time chart on all the working days, including as and when required Sundays and Government holidays, etc.

Category & Experience	Shift	Shift wise Manpower	Total Manpower
Supervisor with minimum 10 years of relevant work experience	General	01	01
Technicians with minimum 3 years of relevant work experience (During the major events additional two technicians may deploy to operate and monitoring the equipment) SDAT will not pay any additional amount for the additional manpower.	General	01	01

- 4.0 The contractor shall arrange to attend the complaints relating to repair & replacement in the entire campus.
- 5.0 The Contractor personnel shall maintain the complaint log registers of preventive/breakdown maintenance registers for all the air-conditioners. After completion of every preventive (Routine) maintenance work, the service report should be submitted to the competent authority of SDAT.

Seal & Signature of the Tenderer

Member Secretary,
SDAT, Chennai-3

- 6.0 The scope of work covers the operation & maintenance of air-conditioning system including operation & maintenance of all other equipment not covered here but forms a part of the system.
- 7.0 The Contractor's personnel shall work in close co-ordination with other agencies such as Electrical, Housekeeping, plumbing, etc. Also, while dealing with the SDAT's employee the contractor's personnel shall be courteous.
- 8.0 The contractor personnel shall take seasonal precautions, to protect the electrical installation.
- 9.0 Consumables like lint free cleaning cloth, grease, necessary hardwares, electrical components, etc. are to be provided by the contractor.
- 10.0 Documents: Following documents shall have to be maintained by the contractor.
- a. Attendance register
 - b. Complaint register
 - c. Equipment recording registers on daily/weekly/monthly basis
 - d. Preventive maintenance & Breakdown register
- 11.0 The Contractor workmen are required to perform the duties without waiting for specific directions/intimations from SDAT. That the contractor shall also provide service in response to oral including telephonic notice by the SDAT whenever necessary. No supervision will be provided by the SDAT for any works. The Bidder is solely responsible to ensure that no accident / damages occur to the installations / personnel during the operation and maintenance work.
- 12.0 All debris resulted out of performing the work has to be removed out of Stadium premises and disposed as directed by Municipality / Corporation authorities immediately after completion of the job. No bills will be considered before such site clearance. If any repair is carried out, the waste created during such repairs like cartons, boxes, broken pieces of wires, tapes, and such other material etc., shall be immediately removed out of site by the contractor as it creates a fire hazard. The SDAT's saleable scrapped materials shall be kept by contractor in place designated for it by the SDAT.
- 13.0 New air-conditioners installed and which are under warranty period presently will not come under the purview of this Contract immediately on awarding of AMC. When the Warranty period of these units expire during the period of AMC then, these units are to be maintained by the Contractor till the expiry period of AMC. Additional AMC Charges will be paid on the pro-rata basis for the period for which these units are to be maintained at the same unit rate as applicable to similar item in the original AMC and on the same terms and conditions of the AMC.
- 14.0 If any additional number of air-conditioners is added during period of AMC in the offices covered in Tender, after completing of warranty periods of additionally installed air conditioners, the additionally installed air conditioners are to be maintained by the Contractor till the expiry period of AMC of the Contractor according to the same terms and conditions of the Contract.

- 15.0 If any units covered under these AMC are removed /dismantled /shifted from this location to another location the Contract proportionate amount as per the unit rate of the Tender will be deducted from the AMC bills.
- 16.0 This comprehensive Contract of centralized chiller package Air conditioner units includes replacement of faulty spares like Compressors, Starting Capacitors, Running Capacitors, Condensers, Relays, Thermostats, Fan Capacitors, Fan Motors, Selector switches, Power Contactors, Control Contactors, Rewinding of motors, providing Ball bearing of motors, Fan blades, Electronic Control Circuitry, Control panel, Remote Control units, etc. at Contractor's cost including Gas charging and attending all complaints and breakdowns of air-conditioners. However, any parts which are not mentioned in the Tender Schedule of this Contract but required for the smooth and trouble free operation of the AC equipment are also required to be rectified or replaced within the scope of this contract.
- 17.0 Only original spare parts/quality approved by the SDAT will be permitted to be used for the maintenance during the AMC Period.
- 18.0 It is the responsibility of the Contractor to accurately specify the damaged spare parts and to rectification of the fault in A.C under maintenance.
- 19.0 Periodical preventive servicing has to be carried out once in three months for all the Air conditioners covered under AMC. During the quarterly servicing, the contractor should water service the AC unit including water washing of filter, drain tray and pipe cleaning, Evaporator brush cleaning, oiling/greasing of all Fans, checking of current consumption, checking of output performance, testing of Gas pressure if necessary, water washing of Condenser Coil,etc.
- 20.0 Complaints regarding the non-functioning of air-conditioners are to be attended within 3 hours from the time of reporting the complaint. In case of Minor technical problems same are to be rectified within 1 hour of diagnosing of complaint. In case of major technical problems, the same are to be rectified within 48 hours of reporting the complaint. The AMC Contractor is entitled to take back the old faulty/damaged parts of the Air-conditioner, which are replaced by new parts.
- 21.0 Defective spares compressors / condensers are to be replaced with new compressors / condensers and repairing of the old compressors is not permitted. Whenever new compressors / condensers are used, the Contractor has to produce original invoice and Warranty Card of the new Compressor/ condenser at the discretion of the Bank. The compressor/ condenser being replaced should match with the original star rating of the air conditioner.
- 22.0 All the Air-conditioners covered in this contract have to be maintained as per the standards of the original manufacturing company. The contractor has to repair /service/ maintain the air conditioners under the AMC in as is where condition when handed over to them under AMC is. The SDAT has installed its own transformer for the site premises; hence the power supply is stable and is well

regulated. The SDAT will not admit any claim from the contractor that the fault/damage is caused due to quality of power supply and it will not absolve the responsibility of the contractor in rectifying the fault.

- 23.0 It is the primary duty of the successful contractor to ensure that necessary space will be provided to them to maintain the spares, tackles and tools and registers required for carrying out the AMC works.
- 24.0 Contractor should deploy more technicians in addition to the stationed technician in case of heavy workload or in case of urgency to complete the work promptly in time. The emergency break downs calls must be attended within 3 hours from time of reporting.
- 25.0 Contractor should deploy additional technicians to undertake Preventive Maintenance schedules of all the AC units and accessories in the stadium premises.
- 26.0 **Details of important Major Sports and Non-Sports programs / functions of the Stadium such as Conference, Review Meeting, etc. that may be held in the Stadium will be informed to the technicians and they should assist the SDAT in maintaining smooth running of the air-conditioners on that day without failure even if they are held on Government Holidays. Non-attendance of the technicians on such a day will attract penalty at the discretion of the SDAT.**
- 27.0 The details of Air Conditioner Units, Type, Capacity, numbers and locations where the Air-conditioners under proposed AMC are covered is given below.

LIST OF EQUIPMENT

**Details of Centralized Chiller package Screw Compressor Air Conditioning Units
with relevant all accessories at SDAT Nehru Indoor Stadium**

1. Air Cooled Screw Chiller Units - 4 Nos. at B, D, F & H Sectors.

Capacity - 260 TR (150 TR and 110 TR)
Model - LCA X 2 – 0915 D

B Sector	-	Serial Nos.	1084701537	&	1084100568
D Sector	-	Serial Nos.	1084300900	&	1084300905
F Sector	-	Serial Nos.	1084701437	&	1084401907
H Sector	-	Serial Nos.	1084701536	&	1084100566

2. Air Handling Units - Total - 23 Nos.

AHU Model	-	ELN135	-	10400 CFM	-	4 Nos.
AHU Model	-	ELN 150	-	11400 CFM	-	19 Nos.

						23 Nos.
						=====

Ground Floor - 7 Nos. AHU's (100 Mtr. Level)

S. No.	Sector	Model No.	Serial Numbers
1	A	ELN – 135	ELNHW 613560 – 039 K13
2	D	ELN – 150	ELNHW 615075 – 118 J13
3	B	ELN – 150	ELNHW 615075 – 116 J13
4	D1	ELN – 135	ELNHW 613560 – 034 J13
5	H	ELN – 150	ELNHW 615075 – 115 J13
6	F	ELN – 135	ELNHW 613560 – 035 J13
7	G	ELN – 135	ELNHW 613560 – 036 J13
8	F6 A	ELN – 135	ELNHW 613560 – 039 K13
9	F6 B	ELN – 150	ELNHW 615075 – 118 J13
10	F5 A	ELN – 150	ELNHW 615075 – 116 J13

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Member Secretary,
SDAT, Chennai-3

Third Floor - 16 Nos. AHU's (110 Mtr. Level)

S. No.	Sector	Model No.	Serial Numbers
11	F5 B	ELN – 135	ELNHW 613560 – 034 J13
12	H4 A	ELN – 150	ELNHW 615075 – 115 J13
13	H4 B	ELN – 135	ELNHW 613560 – 035 J13
14	H3 A	ELN – 135	ELNHW 613560 – 036 J13
15	H3 B	ELN – 135	ELNHW 613560 – 039 K13
16	B2 A	ELN – 150	ELNHW 615075 – 118 J13
17	B2 B	ELN – 150	ELNHW 615075 – 116 J13
18	B1 A	ELN – 135	ELNHW 613560 – 034 J13
19	B1 B	ELN – 150	ELNHW 615075 – 115 J13
20	D8 A	ELN – 135	ELNHW 613560 – 035 J13
21	D8 B	ELN – 135	ELNHW 613560 – 036 J13
22	D7 A	ELN – 135	ELNHW 613560 – 039 K13
23	D7 B	ELN – 150	ELNHW 615075 – 118 J13

3. Chilled Water Pumps - 12 Nos. at B, D, F & H Sectors
(each Sector consists of 3 Nos. Chiller Water pumps)

Capacity 295 USGPM @ 24 Mtr. Head.

Make - Grand Foss

Model - NB 50 – 125/144 A – F – B – BAQE

S. No.	Sector	Serial Numbers
1	B1	97850753 P 113430012
2	B2	97850753 P 113430011
3	B3	97850753 P 113430010
4	D1	97850753 P 113430002
5	D2	97850753 P 113430005
6	D3	97850753 P 113430007
7	F1	97850753 P 113430006
8	F2	97850753 P 113430003
9	F3	97850753 P 113430004
10	H1	97850753 P 113430008
11	H2	97850753 P 113430001
12	H3	97850753 P 113430009

4. Make up Water Tank with Pressure Unit**Closed Expansion Tank (Pressure Tank)****Total Quantity – 4 Nos.**

Model EET - 3000
Capacity 3000 Ltrs.

Sector	Exp. Tank Serial No.	Pressure Unit Serial No.
B	8544	8541
D	8545	8539
F	8543	8540
H	8546	8542

5. Return Air & Fresh Air Fans of SISW Fans Complete Set**RA -4 Nos and Fa – 4Nos - 8 Nos.****Model : ACBC – S – 710**

Fresh Air Fan Capacity - 9000 CFM
 Return Air Fan Capacity - 9600 CFM

Sector	Return Air Fan Serial No.	Fresh Air Fan Serial No.
B	8120	8115
D	8121	8117
F	8119	8116
H	8118	8114

6. Heat Recovery Units**With all accessories - 4 Nos. at B, D, F and H Sectors**

NOTE: All the above mentioned scope of works is indicative and not exhaustive. However, the Contractor has to ensure smooth and safe working of all the equipment in the system irrespective of the nature of fault

ANNEXURE-I
CENTRALISED AIR-CONDITIONING CHILLER PLANT & AIR HANDLING UNITS
(AHU)

The Centralized Air-conditioning Chiller plant and existing AHUs were commissioned in the year 2012.

I. CHILLERS

Periodic Inspections and maintenance of Centralized Chillers

- Carrying out of quarterly servicing.
- Checking oil level in the compressor.
- Checking liquid sight glasses to determine if there is any refrigerant shortage.
- Inspecting the unit piping and coils for visible signs of leaks.
- Inspecting entire system for unusual conditions such as noise, vibration, etc.
- Checking oil pump discharge pressure in accordance with the system pressure.
- Checking the system operating pressure and temperature to ensure proper operating conditions.
- Checking chilled water flow by checking pressure drop across the chiller.
- Checking cooling tower fans & fan motor
- Comparing the chilled water temperature at full load with the chilled water temperature control.
- Inspecting and adjusting, if required, all safety controls.
- Inspecting all operating control and sequence of operating.
- Changing the oil in oil sump, renew filter, and check oil temperature control.
- Inspecting starter contacts arc shield, transformer, and motor terminals, check connection in starter, tighten motor terminal control circuit terminals.
- The system will be serviced four times in the contract period. One of these services will be rendered positively before the onset of summer to ensure trouble free working of the plant during the summer. The next service will be rendered in the quarter after the summer season.
- The compressor will be checked for its proper functioning and if any defect is found, the same will be rectified.
- The entire refrigeration system will be checked for any leak and attended to if necessary.

- Safety controls such as pressure cut outs will be tested for proper functioning and in case of any malfunctioning they will be either repaired or replaced accordingly.
- Chilled water pumps, condenser water pumps and their respective motors will be checked for proper functioning.

II. AIR HANDLING UNITS (AHU)

- Servicing, rewinding and repairs of blower motor.
- Inspection and cleaning of chilled water cooling coil.
- Any leak / repairs in the chilled water cooling coil will be attended.
- Repairs to refrigerant piping due to system problems will be attended.
- De-scaling of cooling coil.

III. WORK SCHEDULE

i. MONTHLY

- a. Checking of AHU for noise and vibration.
- b. Checking of alignment of pulleys/ replacement if required.
- c. Checking belt tension, replacement if required.
- d. Checking of AHU drain and cleaning as and when required.
- e. Checking of motor Amps.
- f. Greasing bearings if required.

ii. QUARTERLY

- a. Cleaning the inside of AHUs.
- b. Checking the blower blades for defects and cleaning if required
- c. Flush down any accumulated dirt / sludge from drain pipe and drain pan.
- d. Checking air flow and moisture eliminator.
- e. Checking wiring / cable for signs of overheating.

iii. YEARLY

- a. Checking the AHUs for corrosion and cleaning the same.
- b. Checking the Units, mountings / anti vibration pads and replace if required
- c. Checking the cooling coil condition and cleaning with water / chemical

iv. BREAKDOWN CALLS

- a. All spares for HVAC System & above AHUs required for repair / replacement

shall be supplied by the vendor.

- b. Breakdown calls shall be attended free of charge.

v. EXCLUSIONS

- a. Replacement of water piping, ducting, duct lining, false ceiling and any kind of masonry / structural works.
- b. Replacement of complete Equipment.
- c. Protective coatings.
- d. Water chemical Treatment.
- e. Corrosion, Ageing and Insurance of the Equipment and Machinery.

vi. OTHERS

- a. AC log books & records will be maintained.
- b. AC reading to be taken every two hours during plant running times.

AC CHILLER PLANT AND AHU DETAILS

SI NO	DESCRIPTION	QUANTITY	REMARKS
1	260 TR Blue Star make Air cooled screw Chiller plant (150 TR +110 TR)	4 Nos.	Commissioned in the year 2012
2	AHU	23 Nos	
3	Chiller water pump	12 Nos.	
4	Make up water tank	4 Nos.	
5	Return Air fan- Unit	4 Nos.	
6	Return Air fan- Unit	4 Nos.	
7	Heat wheel recover -Unit	4 Nos.	
8	Electrical Control Panel and other Accessories for above plant	Control panels located at various locations	

NOTE:

- All the above mentioned scope of works is indicative and not exhaustive. However, the Contractor has to ensure smooth and safe working of all the equipment in the system irrespective of the nature of fault.
- The scope of the contract includes replacement / repairs of any spares other than those indicated above for the smooth running of the AC equipments. No extra cost will be paid.

**DETAILS OF ALL 'SIMILAR NATURE' WORKS COMPLETED DURING THE LAST
SEVEN YEARS ENDING BY 31.03.2021.**

S. No	Name of Work / Contract & location	Client name	Value of Contract (In lakh)	Period of Contract	Litigation/ Arbitration pending/ In progress with details (if any)	Name and address with contact No. of Officer of client to whom reference shall be made	Remarks
1							
2							
3							
4							

Note:

Actual date of commencement of the contract should be within 7 years ending 31.03.2021 for taking into eligibility consideration.

The projects mentioned in the above format shall be sorted in the order of cost of the project (Descending order)

Seal & Signature of the Tenderer

Member Secretary,
SDAT, Chennai-3

ENVELOPE-B**PART-II : FORMAT FOR INDICATIVE PRICE BID**

Date:

To

Member Secretary,
Sports Development Authority of Tamil Nadu,
Jawaharlal Nehru Stadium,
Raja Muthiah Road, Periyamet,
Chennai - 3

Dear Sir,

Having examined the Bidding Documents, the receipt of which is hereby duly acknowledged, we, the undersigned, submit our Indicative Price Bid of Rs. _____ (Rupees _____) (*Total Proposal amount in words and figures*) for “**Comprehensive AMC & Day-to-Day operations of Centralized Air-conditioning Chiller plant & other Air-conditioning Equipment at SDAT Nehru Indoor Stadium, Chennai-3.**” in conformity with the said Bidding documents.

<u>BILL OF QUANTITIES</u>		Amount Quoted (Rs.)
Part – I	COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT FOR AIR-CONDITIONING EQUIPMENT	
Part – II	MANPOWER FOR DAY-TO-DAY OPERATIONS OF AIR- CONDITIONING EQUIPMENT	
GRAND TOTAL [PART – I + PART –II] INCLUSIVE OF TAX AS APPLICABLE		
In Words :		

Seal & Signature of the Tenderer

Member Secretary,
SDAT, Chennai-3

BILL OF QUANTITIES : Part -I
COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT FOR
AIR-CONDITIONING EQUIPMENT

S.I .	Description of Work	Rate / Tr (Rs)	Total Tonnage (Tr)	Total (Rs)
1	Comprehensive Annual Maintenance Contract for Centralized Chiller plant and AHUs at SDAT Nehru Indoor Stadium - Chennai. a) 260 Tr Chillers –4 nos. b) AHU – 23 nos. c) Chiller water pumps –4nos. d) Make up water tank –4nos. e) Return air fan unit– 4 nos. f) Fresh air fan unit– 4 nos. g) Heat wheel recover Unit-4 nos		Complete Installations	
	GST @ 18 %			
	TOTAL OF PART - I			

(Rupees _____ only)

Seal & Signature of the Tenderer

Member Secretary,
SDAT, Chennai-3

BILL OF QUANTITIES: Part – II**MANPOWER FOR DAY-TO-DAY OPERATIONS OF AIR-CONDITIONING
EQUIPMENT**

CATEGORY & EXPERIENCE	SKILL SET	MANPOWER IN SHIFT WISE OPERATION	QTY	UNIT PRICE PER DAY in Rs.	AMOUNT PER DAY in Rs.
Supervisor With minimum 10 years of relevant work experience	Highly Skilled	General Shift	01		
Technicians With minimum 3 years of relevant work experience	Skilled	General Shift	01		
TOTAL CHARGES PER DAY					
TOTAL MONTHLY CHARGES (31 DAYS)					
GST- 18 %					
TOTAL OF PART – II					

(Rupees _____ only)

NOTE:

- The unit price per day for Manpower under each category shall include mandated current Central Govt. Minimum Wages Act and other statutory payments, escalation on account of increase in minimum wages during the contract period, profit, lump sum payment towards the cost such as Insurance as applicable to industry standards, personal protective equipment, tools required and other charges related to scope of work.
- If the rate quoted for the respective category is less than the applicable mandated wages in line with current Central Govt. Minimum Wages Act, tender shall summarily be rejected and shall be deemed invalid.
- The work allotment for the technicians/ operator may be fixed according to the nature of the programme and instructions of the stadium officer.

Seal & Signature of the Tenderer

Member Secretary,
SDAT, Chennai-3