

### NOTICE INVITING QUOTATION

NIQ No-ILS-13011/6/2025-ILS I/5104/2025 Dt.30.09.2025

**Sealed Quotations (02 bid systems) are invited for the following Goods / Services from OEM / Authorized Service Provider of OEM / Vendor having requisite authorisation / credential for similar nature of works at Institute of Life Sciences, Bhubaneswar, located at Chandrasekharapur, Bhubaneswar, Odisha, 751023.**

Bid documents can be downloaded from the ILS website ([www.ils.res.in](http://www.ils.res.in)) and submitted with relevant documents before the last date.

Sl. No.	Name of Work	Estimated Cost In INR	EMD in INR
1	Supply of spares related to HVAC system Carrier make chiller / AHU , capacity 202 TR , installed at Institute of Life Sciences, Bhubaneswar as per Scope of works / BOQ Listed	5,28,000	10,560 Exemption for vendors; MSME, SME / OEM etc. if applicable as per Govt. Guideline

**Bidders are requested to visit site for inspection before bidding on their own cost.**

For any clarification / information the bidders may contact Administrative Officer / Assistant Engineer (E) ILS, Bhubaneswar  
Email: ao@ils.res.in

Important Date:

1. Opening date of Quotation: 03-10-2025 13.00 Hrs
2. Closing Date of submission of Bids: 20-10-2025, 13.00 Hrs.
3. Opening of Technical Bids: 20-10-2025, 13 Hrs.
4. Opening of Financial Bids: Will be Intimated
5. Validity of Tender shall be **03 months** with effect from published date.

**NB: The Authority of Institute or any other persons (s) authorized by him / her on his / her behalf reserves the right to accept any, full or in part, or reject any or all the tenders without assigning any reasons thereof and no correspondence in the respect will be entertained.**

Administrative Officer

**Enclosure:**

1. Annexure-I: GENERAL TERMS & CONDITIONS
2. Annexure-II: SCOPE OF WORKS:
3. Annexure-III: Letter of Unconditional acceptance of Bid Conditions
4. Annexure-IV: BIDDER DETAIL (Credential for similar of works)
5. Annexure - V: BILL OF QUANTITIES

**ANNEXURE-I**

**GENERAL TERMS & CONDITIONS**

1. Bidder should possess valid authorization / Registration for executing of Goods / Services as per Govt. Guide line
2. OEM of the Chiller plant / Authorized Service Provider of OEM will be given preference
3. Vendor (Other than OEM) should have minimum **3 years** of experience for similar nature of work [AMC / Repairing / Supply of spares for Chiller plant & AHU (HVAC system)] Excluding MSME Firms.
4. Annual Turnover for Similar nature of Supply shall be Rs.7 Lakh in single work or 3 Lakh in multiple works in a calendar year within 5 years from the date of NIT publication.
5. The bidder should furnish full experience (credentials) indicating the parties with whom similar assignments were undertaken.
6. **The rate quoted shall be final and excluding applicable Taxes, which may be claimed as per Govt. Guide line and as per existing laws.**
7. **Mode of payment:** Payment to the Vendor shall be made after successful completion of the supply against the contract. The Vendor is required to submit bill and Challan copy duly signed by the competent authority of the Institute.
8. For any deficiency / defective spares, an amount proportionate to the rates quoted by the service provider in his price bid / agreed amount shall be deducted from the bill to be paid against supply. The decision of Engineer in Charge / Competent authority of ILS shall be final in this regard.
9. Income Tax & other statutory taxes if applicable shall be recovered from the bill as per existing Laws.
10. When Contract can be rescinded: The Employer / Director ILS may without prejudice to his or any other rights or remedy against the Vendor in respect of any delay, inferior spares, any claims for damage and /or any other provisions of this contract or otherwise, and whether the date for completion has or has not elapsed, by notice in writing absolutely rescinded the contract in any of these cases.
  - a. If the Vendor has abandoned the contract
  - b. If the Vendor has without reasonable excuse failed to supply at ILS site.
  - c. If the Vendor persistently neglects to carry out his obligation under the contract and / or commits default in complying with any of the terms and conditions of the contract and does not remedy it or take effective steps to remedy it within 7 (Seven) days after a notice in writing is given to him in that behalf by the Director, ILS.
11. **No compensation for market escalation shall be claimed.**
12. All the spares shall be of minimum warranty up to 01 year or as per broacher of manufactures, whichever is later.
13. Settlement of Disputes & Arbitration: in the event of any dispute or difference relating to the interpretation and application of the provisions of the contracts, such disputes or differences shall in the first instance be sought to be resolved amicably by mutual consultation with Director, ILS, failing which they shall be referred by either party to the Civil modification & Building repair committee (CMBRC) of ILS for settlement. The decision of the CMBRC of ILS shall be final & binding on both parties.

## ANNEXURE-II

### SCOPE OF WORKS:

- 1) **Supply of spares** relating to the Chiller plant, AHU and Pump as mentioned in the **Annexure -----** at the Institute of Life Sciences, Bhubaneswar.

All the spares shall be of minimum warranty up to 01 year or as per broacher of manufactures, whichever is later.

**Specification of Chiller plants: -30XA /1402 are in two fields – Assembled modules.(Year of commissioning: (2011)**

Sl. No.	Description	Parameter
1	Make	<b>CARRIER</b>
2	Unit Type	30XA0802-0210-PEE- Type D" Unite
3	Order number	0000304356/ NUMERO DE COMMANDE
4	Component Designation	00DCG002124400
5	Chiller	30XA Air Cooled Liquid chillers
6	Nominal Cooling Capacity	270-1670KW, 50Hz, 3 Phase, 415 V,
7	Circuit	A & B
8	Refrigerant	R-134a
9	Compressor	06T Semi-hermetic Screw Compressors, 50r/s
10	Numbers of Compressor	02 nos. in each Chiller plant
11	Capacity Control	PRO-DIALOG, Electronic expansion Valve (EXV)
12	Minimum capacity	15
13	Condensers	All Aluminium micro -channel heat exchanger
14	Condenser Fan	Axial Flying Bird 4 Fans with rotating shroud
15	Quantity of Fan	08 in each Chiller
16	Evaporator	Flooded multi – pipe type
17	Control Board	CCN Connector, PD5- Base- Board, TCPM boards for compressor, PD-Aux boards for fan control and 3-way valve for water cooled units etc.

**ANNEXURE-III**

**Letter of Unconditional acceptance of Bid Conditions**

To,  
The Director,  
Institute of Life Sciences,  
Nalco Square, Bhubaneswar  
Odisha - 751023

**Sub:** Unconditional Acceptance of Bid Conditions.

Sir,

I/We have read and examined all the conditions in the bid documents for the subject work and we hereby unconditionally accept the bid conditions entirely for the said works.

I/We hereby submit our Bid and undertake to keep it valid for a period of three months from the date of opening of Technical Bid.

I/We undertake to execute the above items strictly in accordance with the requirements and particulars / specifications stipulated in the Bid documents.

I/We hereby further undertake that during the said period:

1. I/We shall not vary / alter or revoke my / our bid during the validity period of Bid
2. I/We have quoted for the complete scope of the said work.
3. I/We undertake to abide by the terms and conditions as stipulated in ILS bid documents and as amended thereafter.
4. I/We have not enclosed any condition / deviation to conditions of Bid documents.
5. I/We agree that in case of any condition is found to be quoted by us, my / our bid will be rejected.

This undertaking is in consideration of ILS agreeing to open my bid, considering and evaluating the same for the purpose of award of supply order in terms of provisions of Bid documents.

Signature of Authorized Representative of Bidder-----

Designation-----

Date-----

Bidder Stamp

**ANNEXURE-V**

**BIDDER DETAIL**

1. Name of the Bidder:
2. Address of the Bidder:
3. Details of EMD / Under taking:
4. Tax Registration enclosed proof:
5. Experience Detail:

Parties	Nature of Job	Date From To

This is to certify that the information furnished is true and correct. I / We also certify that I / we have carefully read and understood the terms and conditions of the tender document and undertake to abide by them in the event of being given in the contract.

Date:

Signature

Place:

Seal

**ANNEXURE-V**

**BILL OF QUANTITIES**

Name of Work: Supply of following spares at Institute of Life Sciences, Bhubaneswar, Odisha

Sl. No.	Description of Items	Qty.	Rate INR	Amount INR
1	Evaporator Entering water temperature sensors—RT-2 Make: Imf	04 Nos.		
2	Evaporator Leaving water temperature Sensors-RT1, Make : Imf	04Nos.		
	Glass Fuse 5 Amp	03 Pkt.		
3	Evaporator pump Flow Switches-SP90F, Make: Imf	01 Nos.		
4	PIPE JOINT: Rubber Bellow / coupling ( neoprene rubber expansion bellow) with accessories			
4.1	280 x 150 x 150 mm, ( 08 holes peripheral)	04Nos.		
4.2	250 x 125 x 150 mm, ( 08 holes peripheral)	04Nos.		
4.3	180 x 65 x 150 ( 04 holes Peripheral)	02 Nos.		
5	<b>PUMP</b> Rubber Spider Coupling 30 HP ((Internal teeth type) : (OD: 15cm, ID:9Cm, Height: 7.5Cm( Peripheral teeth count 24)	02 nos.		
5.1	PUMP Rubber Spider coupling 15 HP ,(Internal teeth type) OD:13Cm, ID-7.5cm, Height: 6.3Cm, ( peripheral teeth count 24)	02 nos.		
6	Compressor Control Card	02 Nos.		
7	Contacto 24V Ac , 03 point connection	01 No.		
8	Electric Solenoid for loading & unloading of compressor as per load condioins Make: ALCO Control, CE Typ ASC , AC, 24 Volt , 50 Hz, 15VA ED 100%,IP 65,VDE0580	01 No.		
9	Compressor OIL Filter	01 No.		
10	Compressor Oil ( Carrier Screw Compressor )	20 ltr.		
11	Condenser Fan Control Card	01No.		
			SUB	
			GST@	
			<b>Net Total</b>	

(Total Rupees-----)

Date:

Place:

Signature of Authorized representative of the Bidder

Seal &n Signature

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Sl. No.	Name of Work	Estimated Cost In INR	EMD in INR
1	Repairing of Chiller plant – II, 202 Tr, Carrier Make for Less Cooling; as per scope of works / BOQ	2,64,000	5280.00 Exemption for vendors; MSME, USME & SME / OEM etc. if applicable as per Govt. Guideline

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**ANNEXURE-I**

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  - d. If the Vendor has abandoned the contract
  - e. If the Vendor has without reasonable excuse failed to supply at ILS site.
  - f. If the Vendor persistently neglects to carry out his obligation under the contract and / or commits default in complying with any of the terms and conditions of the contract and does not remedy it or take effective steps to remedy it within 7 (Seven) days after a notice in writing is given to him in that behalf by the Director, ILS.
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13. Settlement of Disputes & Arbitration: in the event of any dispute or difference relating to the interpretation and application of the provisions of the contracts, such disputes or differences shall in the first instance be sought to be resolved amicably by mutual consultation with Director, ILS, failing which they shall be referred by either party to the Civil modification & Building repair committee (CMBRC) of ILS for settlement. The decision of the CMBRC of ILS shall be final & binding on both parties.



## ANNEXURE-II

### SCOPE OF WORKS:

1) Repairing of Chiller plant: Rectifying the defects of less cooling as per Carrier service manual to get the set temperature (**Leaving water temperature**) within limit of 7 to 8 degree with the ambient temperature 10 to 35 degree centigrade.

### List of works to be executed are as follows

Sl. No.	Description of Items	Qty.
1	Checking of all the subassemblies & Dismantling of Condenser Protection Cover for 12 Condenser Units	Each-12
2	<b>Leakage test by filling Nitrogen gas to both of the Sections of capacity 75 &amp; 69 Kg. Gas chamber including lines.</b>	Job-01
3	Leakage testing & arresting leakage compete with all respect	Job-01
4	Replacement of Gasket of the condenser Joints refrigerant lines for both Section A & B	Each-12
5	Vacuum test to ascertain leakage arrest as per Guide line ( Vacuum holding for 12 hours)	Job-01
6	Replacement of damaged Condenser if noticed during leakage test	Each-01
7	Refilling of Refrigerant R134A	As required
8	Cleaning of all the condenser coil and de-scaling of Evaporator with suitable chemicals as prescribed by the Carrier make Chiller plant	Job-01
9	<b>Supply &amp; Replacement of Compressor Control Card of same make Excluding spares</b>	<b>Each-01</b>
10	<b>Replacement of Entering water transducer ( temperature sensor) Excluding spares</b>	<b>Each-01</b>
11	<b>Replacement of Leaving water transducer ( temperature sensor) Excluding spares</b>	<b>Each-01</b>
12	<b>Replacement of Ambient temperature Sensors : Excluding Spares</b>	<b>Each-01</b>
	<b>Testing of All parameter as motioned below to achieve set temperature within limit 06 to 08 temperature in any ambient temperature</b>	<b>Job-01</b>
13	Labour charges	Job-01

- All the parameters shall be complied with the Commissioning Report to compare the improvement / Functionality of the Chiller plant

**\*\* If any additional spares required during servicing shall be intimated to the office and approval for the same should be accorded before replacement.**

**Specification of Chiller plants: -30XA /1402 are in two fields – Assembled modules.(Year of commissioning: 2011)**

Sl. No.	Description	Parameter
1	Make	<b>CARRIER</b>
2	Unit Type	30XA0802-0210-PEE- Type D" Unite
3	Order number	0000304356/ NUMERO DE COMMANDE
4	Component Designation	00DCG002124400
5	Chiller	30XA Air Cooled Liquid chillers
6	Nominal Cooling Capacity	270-1670KW, 50Hz, 3 Phase, 415 V,
7	Circuit	A & B
8	Refrigerant	R-134a
9	Compressor	06T Semi-hermetic Screw Compressors, 50r/s
10	Numbers of Compressor	02 nos. in each Chiller plant
11	Capacity Control	PRO-DIALOG, Electronic expansion Valve (EXV)
12	Minimum capacity	15
13	Condensers	All Aluminium micro -channel heat exchanger
14	Condenser Fan	Axial Flying Bird 4 Fans with rotating shroud
15	Quantity of Fan	08 in each Chiller
16	Evaporator	Flooded multi – pipe type
17	Control Board	CCN Connector, PD5- Base- Board, TCPM boards for compressor, PD-Aux boards for fan control and 3-way valve for water cooled units etc.

**ANNEXURE-III**

**Letter of Unconditional acceptance of Bid Conditions**

To,  
The Director,  
Institute of Life Sciences,  
Nalco Square, Bhubaneswar  
Odisha - 751023

**Sub:** Unconditional Acceptance of Bid Conditions.

Sir,

I/We have read and examined all the conditions in the bid documents for the subject work and we hereby unconditionally accept the bid conditions entirely for the said works.

I/We hereby submit our Bid and undertake to keep it valid for a period of three months from the date of opening of Technical Bid.

I/We undertake to execute the above items strictly in accordance with the requirements and particulars / specifications stipulated in the Bid documents.

I/We hereby further undertake that during the said period:

1. I/We shall not vary / alter or revoke my / our bid during the validity period of Bid
2. I/We have quoted for the complete scope of the said work.
3. I/We undertake to abide by the terms and conditions as stipulated in ILS bid documents and as amended thereafter.
4. I/We have not enclosed any condition / deviation to conditions of Bid documents.
5. I/We agree that in case of any condition is found to be quoted by us, my / our bid will be rejected.

This undertaking is in consideration of ILS agreeing to open my bid, considering and evaluating the same for the purpose of award of supply order in terms of provisions of Bid documents.

Signature of Authorized Representative of Bidder-----

Designation-----

Date-----

Bidder Stamp

**ANNEXURE-V**

**BIDDER DETAIL**

1. Name of the Bidder:
2. Address of the Bidder:
3. Details of EMD / Under taking:
4. Tax Registration enclosed proof:
5. Experience Detail:

Parties	Nature of Job	Date From To

This is to certify that the information furnished is true and correct. I / We also certify that I / we have carefully read and understood the terms and conditions of the tender document and undertake to abide by them in the event of being given in the contract.

Date:

Signature

Place:

Seal

**ANNEXURE-V**

**BILL OF QUANTITIES**

Name of Work: Repairing of Chiller plant 202 TR, Make Carrier (250 KW) installed at Institute's, Utility building.

Sl. No.	Description of Items	Qty.	Rate INR	Amount INR
1	Leakage finding by filling Nitrogen gas to both of the Sections of capacity 75 & 69 Kg. Gas chamber including lines.	Job-01		
2	Leakage testing & arresting leakage compete with all respect	Job-01		
3	Replacement of Gasket of the condenser Joints refrigerant lines for both Section A & B if required	Each-12		
4	Vacuum test to ascertain leakage arrest as per Guide line ( Vacuum holding for 12 hours)	Job-01		
6	Cleaning of all the condenser coil and de-scaling of Evaporator with suitable chemicals as prescribed by the Carrier make Chiller plant	Job-01		
7	Refilling of Refrigerant R134A ( AS Required)	90 Kg.		
8	Charges Checking of all the subassemblies & Dismantling of Condenser Protection Cover for 12 Condenser Units including Testing / Commission of All parameter as mentioned in scope of works to achieve set temperature within limit 06 to 08 temperature in any ambient temperature	Job-01		
9	Flushing of Compressor Lubrication Oil & Refilling after leakage test , Excluding OIL	Job-01		
10	Replacement of Oil Filters ,Excluding Filters	Job-01		
	<b>Sub Total</b>			
	<b>GST@</b>			
	<b>TOTAL</b>			
<b>Total Rupees "in figure"</b>				
<b>** Replacement of damaged Condenser if noticed during leakage test will be accorded approval from the competent authority of the Institute and additional payment will be made as per actual.</b>				

Date:

Place:

Signature of Authorized representative of the Bidder

Seal &n Signature