

The tender with Tender ID: 2024\_HOCL\_840719\_1 dt. 20/12/2024 floated in NIC - CPP Portal is intended for contractors already enlisted for this work with HOCL Kochi Unit. The due date for submission is 03/01/2025, 2.00PM. Additionally, new contractors interested in participating in this work can submit their tender through GeM Portal with GeM Bid No. GeM Bid No. GEM GEM/2024/B/5734026 dt. 21/12/2024 with due date 03/01/2025, 3.00pm

## हिंदुस्तान ऑर्गेनिक केमिकल्स लिमिटेड HINDUSTAN ORGANIC CHEMICALS LIMITED

(भारत सरकार का एक उद्यम)

(A Government of India Enterprise) अंबालामुगल, एर्नाकुलम जिला, पिन - 682 302

AMBALAMUGAL, Ernakulam District, PIN – 682 302.

फोन: (0484) 2720911, फैक्स नंबर (0484) 2720893 Phone: (0484) 2720911, FAX No. (0484) 2720893

## ई-निविदा सूचना E- TENDER NOTICE

HOCL निम्नलिखित कार्य के लिए दो बोली प्रणाली के तहत ई-बोली आमंत्रित करता है: HOCL Invites e-Bids under the **Two Bid system** for the following work:

SI.	Description of Item and Tender No.
No.	
1	कार्य का नाम : 101 E 004 (C3 C3 ओवरहेड कंडेनसर) की रीट्यूबिंग - MEC30437 HOCL निविदा संदर्भ : MEC30437
	Name of Work : RETUBING OF 101 E 004 (C3 C3 OVERHEAD CONDENSER) HOCL Tender Ref : MEC30437

निविदा दस्तावेज <u>www.hoclkochi.com</u>, <u>https://mkp.gem.gov.in/market</u> & https://eprocure.gov.in/eprocure/app से डाउनलोड किए जा सकते हैं।

Tender documents may be downloaded from <a href="https://mkp.gem.gov.in/market">www.hoclkochi.com</a>, <a href="https://mkp.gem.gov.in/market">https://mkp.gem.gov.in/market</a> & <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>.

इच्छुक पार्टियां निविदा में भाग ला वा वा लिए कृपया एनआईसी ई प्रोक्योरमेंट पोर्टल (यूआरएल: <a href="https://eprocure.gov.in/eprocure/app.">https://eprocure.gov.in/eprocure/app.</a> & <a href="https://mkp.gem.gov.in/market">https://mkp.gem.gov.in/market</a>) पर पंजीकृत हो सकती हैं। निर्दिष्ट ऑनलाइन प्रक्रिया के अलावा अन्य प्रस्तुत निविदाएं स्वीकार नहीं की जाएंगी। कृपया प्रस्ताव जमा करने से पहले किसी भी परिशिष्ट/शुद्धिपत्र/विस्तार के लिए नियमित रूप से उपरोक्त साइटों पर जाएँ।

Interested parties may plea nse get registered with NIC e procurement portal (URL: <a href="https://eprocure.gov.in/eprocure/app.">https://eprocure.gov.in/eprocure/app.</a> & <a href="https://mkp.gem.gov.in/market">https://mkp.gem.gov.in/market</a>) to participate in the tender. Tenders submitted other than through online procedure specified will not be accepted. Please visit the above sites regularly for any addendum/ corrigendum/ extension before submitting the offers.

कृपया विशिष्टताओं और नियमों और शर्तों की पुष्टि करताहुए दो बोली प्रणाली क्यतहत □ पनी ई-बोली जमा करें।

Please submit your E-bids under the <u>Two Bid system</u> confirming to the specifications and the terms and conditions.

हिंदुस्तान ऑर्गेनिक केमिकल्स लिमिटेड के लिए और उनकी ओर से For and on behalf of Hindustan Organic Chemicals Limited (GSTN:32AAACH2663P1ZG),(CIN:199999MN1960G01011895)

मंगेश वी. शहासने MANGESH V. SHAHASANE महाप्रबंधक (यांत्रिक/यूटिलिटीस) GENERAL MANAGER (MECHANICAL/UTILITIES)



## हिंदुस्तान ऑर्गेनिक केमिकल्स लिमिटेड HINDUSTAN ORGANIC CHEMICALS LIMITED

(भारत सरकार का एक उद्यम)

(A Government of India Enterprise) अंबालामुगल, एर्नाकुलम जिला, पिन - 682 302 AMBALAMUGAL, Ernakulam District, PIN — 682 302.

फोन: (0484) 2720911, फैक्स नंबर (0484) 2720893 Phone: (0484) 2720911, FAX No. (0484) 2720893

Dear Sir,

हिंदुस्तान ऑर्गेनिक केमिकल्स लिमिटेड भारत सरकार का उपक्रम है जो कोच्चि, केरल, भारत में अपने संयंत्र में फिनोल, एसीटोन और हाइड्रोजन पेरोक्साइड का निर्माण करता है। एचओसीएल ने 101 E 004 (C3 C3 ओवरहेड कंडेनसर) की रीट्यूबिंग - MEC30437 के लिए ई-निवदाएं आमंत्रित की हैं। एचओसीएल ने मैसर्स एनआईसी के साथ एक समझौता किया है। अपने पोर्टल <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a> के माध्यम से ई-खरीद के लिए । आप कृपया इस निवेदा में भाग लेने के लिए एनआईसी के साथ एक विक्रेता के रूप में पंजीकृत हो सकते हैं।

Hindustan Organic Chemicals Limited is a Government of India Undertaking manufacturing Phenol, Acetone & Hydrogen Peroxide at its plant at Kochi, Kerala, India. HOCL invites e-tenders for **RETUBING OF 101 E 004 (C3 C3 OVERHEAD CONDENSER)** for HOCL has entered into an agreement with M/s. NIC for e-procurement through their portal <a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>. You may please get registered as a vendor with NIC for participating in this tender.

निविदा दस्तावेज एचओसीएल की वेबसाइट www.hoclkochi.com, https:// बाजार और, https://eprocure.gov.in/eprocure/app & https://mkp.gem.gov.in/market पर अपलोड किए जाते हैं।

Tender documents are uploaded in HOCL website <u>www.hoclkochi.com</u>, <u>https://eprocure.gov.in/eprocure/app</u> & <u>https://mkp.gem.gov.in/market</u>

संलग्न दस्तावेजों का सूचकांक इसके साथ संलग्न है। आपसे अनुरोध है कि कृपया अपनी निविदा तैयार करने/प्रस्तुत करने से पहले सभी दस्तावेजों को विस्तार से पढ लें।

Index of documents enclosed is attached herewith. You are requested to kindly go through all the documents in detail before preparing/submitting your tender.

आप अपना प्रस्ताव दो-बोली प्रणाली पर निर्दिष्ट नियत तारीख और समय से पहले ऑनलाइन जमा कर सकते हैं।

You may submit your offer on Two-bid system online before the due date and time specified.

धन्यवाद, Thanking you,

आपका आभारी, Yours Faithfully,

हिंदुस्तान ऑर्गेनिक केमिकल्स लिमिटेड के लिए (CIN: L999999MH1960GOIO11895), For Hindustan Organic Chemicals Limited (CIN: L99999MH1960GOIO11895),

मंगेश वी. शहासने MANGESH V. SHAHASANE महाप्रबंधक (यांत्रिक/यूटिलिटीस) GENERAL MANAGER (MECHANICAL/UTILITIES)



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**Contact Person (for online submission)** 

Mr.Midhun Babu Assistant Manager (Materials/MSS) Mobile No. 8921387812, 8547196394 **HOCL Work Co-ordinator** 

Mr. Jishnu M K Assistant Manager (Mechanical) Mobile No. 9947278381 0484 2727394



#### ANNEXURE-I

### **GENERAL TERMS AND CONDITIONS OF THE TENDER**

EMD - 28,600/- (Not applicable to NSIC / SSI / MSME/PSUs).

EMD shall be furnished in the form of Insurance Surety Bond (ISB) issued from Insurance Company under IRDAI, Account Payee Demand Draft, Bank Guarantee issued from any Scheduled Bank in India having a branch in Kochi, Kerala / on online payment in an acceptable form.

Bank Details - State Bank of India

- A/c No. 37881840330

- IFSC - SBIN0013551

Branch Name - Belapur, Mumbai

#### EMD of the tenderer will be forfeited under the following conditions:-

- 1. If after opening of the tender, the tenderer revokes his tender or increase his quoted rates.
- 2. If the tenderer does not commence the work after awarding the contract.
- 3. No interest on EMD will be paid.
- 4. EMD of the successful tenderer will be adjusted against the security deposit.
- 5. EMD of unsuccessful bidders shall be refunded after finalization of the contract and no interest shall be payable.
- 6. The tender is revoked or varied during its validity period.
- 7. The Prices are increased unilaterally after the tender opening and during its validity.
- 8. The tenderer after intimation of acceptance of the tender fails to execute the agreement/or furnish security deposit within the stipulated time.

### **Pre-qualification Criteria**

- Complete set of Tender Document duly filled in and signed by the Tenderer as prescribed in different clauses of the Tender Document.
- GCC duly filled in the relevant portions, signed and stamped all the pages by the tenderer (The tenderers
  have to download the GCC (General Conditions of Contract) from our web site <a href="www.hoclkochi.com">www.hoclkochi.com</a> and the
  same has to be returned along with the technical bid duly signed and stamped in all pages.
- Tender should accompany the details asked in A, B,C, D, E, F, H, Q, R & S
- Copies of work orders already completed or in progress
- Completion certificates
- Organization chart with details of key persons
- Tools and tackles available
- Concurrent commitments
- GSTN registration
- · Copy of PAN Card
- Experience on similar works executed during the last five years and details like monetary value, proof of satisfactory completion of works etc.



#### Clause - 1 & 2 (not applicable to MSME)

- Average annual financial turnover during the last 3 years, ending 31<sup>st</sup> March of the previous financial year, should be at least ₹4 Lakhs. (Details of annual financial turnover to be submitted with Documentary proof).
- 2. Experience of having successfully completed similar works during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following:

Three similar completed works costing not less than the amount equal to ₹5.0 Lakhs.

ΩR

Two similar completed works costing not less than the amount equal to ₹6.0 Lakhs.

ΩR

One similar completed works costing not less than the amount equal to ₹9.0 Lakhs.

- 3. The parties who have been blacklisted / put in holiday list or parties in respect of whom action has been initiated for Blacklisting / Holiday listing by HOCL/any government / Quasi government agencies or any PSUs shall not be considered for award of job. The tenderer should give a written declaration regarding the same.
- 4. In addition to Clause No.3.7 of our GCC, the tenderer who do not meet the basic requirements (technical / commercial) as per the tender enquiry document and any other important condition having significant bearing on the cost / utility / performance of the required goods, services etc. will be treated as unresponsive and the tender will be liable to rejection.

### **Performance Security**

Performance security shall be 5% of total work order value of the contract. It shall be furnished within 21 days after notification of award and it shall be released after the defect liability period.

Performance Security shall be furnished in the form of Insurance Surety Bond (ISB) issued from Insurance Company under IRDAI, Account Payee Demand Draft, Bank Guarantee issued from any Scheduled Bank in India having a branch in Kochi, Kerala / on online payment in an acceptable form.

#### **Security Deposit**

Total security deposit shall be 5% of total contract value. This shall be recovered through deductions at the rate of 5% (Five percent) of the value of each running account bill till the total security deposit amount is collected, after which no further deductions shall be made on this account.

OR

Security Deposit shall be furnished in the form of Insurance Surety Bond (ISB) issued from Insurance Company under IRDAI, Account Payee Demand Draft, Bank Guarantee issued from any Scheduled Bank in India having a branch in Kochi, Kerala / on online payment in an acceptable form.

Security Deposit shall be refunded not later than 60 days to the contractor without any interest after the completion of contract in all respects and completion of all such obligations under the contract.

### **Liquidates Damages**

In case the contractor fails to complete the work within the stipulated period, contractor shall be liable to pay a LD of ½% (half percent) of the contract value per day for the delay or part thereof subject to a maximum of 5% (Five percent) of the contract value.

#### **Period of Contract**

The period of the contract shall be One Year from the date of issue of work order/issue of instruction to start the work.



#### **SCOPE OF SUPPLY**

#### **Materials**

#### a. Contractor's Scope

All required consumables like oil, TIG Rod, Cutting gas, Argon, grinding wheel, lathe tools, Flaring machine, flaring tool etc. for satisfactory completion of the work shall be arranged by the contractor. All skilled & unskilled manpower requirements for the work shall be arranged by the contractor.

## b. HOCL's Scope

HOCL shall issue straight tubes only, tube sheet, tie rods & baffles are used from the existing exchanger. You shall execute an indemnity bond of Rs.50 lakhs before taking material to your shop.

#### **TOOLS AND TACKLES**

#### a. Contractor's Scope

All machines, tools, tackles, lifting equipments such as chain pulleys, slings, D shackles, expanding / flaring tools, torquing machines, lubricants, rollers, mandrel, welding machine and TIG welding consumables etc. Hydraulic test pumps, hoses, fittings, connectors, pressure gauges and other tools and equipments required for the satisfactory completion of the entire work is to be arranged by the contractor.

#### b. HOCL's Scope

Suitable crane required for dropping down the exchanger to ground level and erection back to the foundation will be under HOCL Scope.

## **General Site Cleaning**

Working site should always be kept cleaned up to the entire satisfaction of the Engineer/Officer-In-Charge. Upon completion of the work, all materials shall be transported to designated locations in HOCL premises as directed by the Engineer/Officer-In-Charge on daily basis. Material reconciliation has to be carried out before submitting the bill.

#### **Time of Completion**

The entire work has to be completed within 15 days from the date of intimation to start the work.

## **Validity of The Tender**

The tender shall be kept valid for acceptance for a period of **THREE months** from the last date prescribed for receipt of the tender.

A Tenderer shall not be entitled during the said period of three months without the consent in writing of the company to revoke or cancel his tender or to vary the tendered rate or any terms thereof.

## **Price**

The Contract will be awarded on fixed all-inclusive price unless otherwise specified. All rates in the tender shall cover applicable taxes, levies and duties. However applicable GST will be paid by HOCL subject to the successful tenderer having GST registration with Central Excise.

The price shall be quoted both in figures and words. In case a tenderer has quoted two different prices in words and figures the lower of the two will be considered valid and binding on the tenderer.

### **Payment Terms**

- 95% payment will be release within 30 days after completion of work and certification by Engineer-In-Charge.
- Balance 5% payment will be kept as security deposit and it will be released after the completion of contract in all respects & completion of all obligations under the contract.



#### **Contract Preference**

Contract / Price Preference or any other concessions applicable for **MSME / SSI Units /PSUs** will be as per latest Government of India Directives. For availing this benefit, the bidder shall make their claim in the Technical Bid itself and enclose necessary documentary evidence to prove their eligibility.

WE HAVE ALSO FLOATED TENDER IN GEM PORTAL. IF ANY PARTY QUOTED THROUGH GEM PORTAL AND BECAME  $L_1$  COMPARED TO THE RATES IN NIC PORTAL, WORK WILL BE AWARDED TO THE GEM BIDDER AND VICE VERSA.

## **Defect Liability Period**

The contractor shall guarantee the entire work for a period of 18 months from the date of supply or 12 months from the date of installation of the equipment at the site whichever is earlier.

#### **Arbitration of disputes**

"All disputes, differences, questions and claims arising out of, under or touching upon this Tender /Agreement/ Purchase Order/ Work Order shall be settled amicably between the parties through mutual discussion and failing that, such disputes, difference, questions or claims shall be referred for resolution through arbitration to the India International Arbitration Centre or a Sole Arbitrator to be appointed by the Chairman-cum-Managing Director of HOCL and the award of Arbitration shall be final and binding on the parties. The seat of the Arbitration shall be at Kochi, Kerala, India and the proceedings of the arbitration shall be held at Kochi, Kerala, India in accordance with the India International Arbitration Centre Act 2019 / Indian Arbitration & Conciliation Act 1996 or any statutory modification or

#### <u>Agreement</u>

The contractor shall enter into an agreement with HOCL using the prescribed format on non-judicial stamp paper of the appropriate value in the event of a work order being awarded.

#### **OTHER TERMS AND CONDITIONS**

#### **General Conditions of Contract (GCC) of HOCL**

The General Conditions of Contract of the company is applicable to, and forms part of the contract. The General Conditions of Contract of HOCL is available in the office of The Chief General Manager (P&A) of HOCL, Ambalamugal or can be downloaded from our Web site <a href="https://www.hoclkochi.com">www.hoclkochi.com</a>.

### Right to Issue Addendum

The company reserves the right to issue any addendum to the tender document to clarify/amend/supplement and/ or delete any of the conditions, clauses or terms stated in the tender documents. Each addendum issued shall be distributed to the tenderer or his authorized representative and each such addendum shall become part of the tender documents.

**DUE DATE & TIME:** Due date for submission of tender is (Closing date) 03/01/2025 at 02.00 PM.

**OPENING OF BIDS:** The Bids will be opened on 04/01/2025 at 02.00 PM electronically. Technically acceptable bidders will be informed about the date and time of opening of the price bids by emails.

**VALIDITY OF OFFER:** Offer shall be valid for a minimum period of 90 days from the last date of submission stipulated for the tender.

## **SUBMISSION OF BIDS:** Refer Annexure I.

**PRICE BID SUBMISSION-BOQ:** Bidders are requested to note that they should necessarily <u>submit their financial bids in the format provided and no other format is acceptable.</u> If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. <u>Bidders are required to download the BOQ file, open it and complete the blue coloured (unprotected) cells with their respective financial quotes and other details Refer Instructions to Bidder for Online Bid Submission. <u>(such as name of the bidder).</u> No other cells should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.</u>



RIGHT TO REJECT A BID: HOCL reserves the right to reject any bid due to reasons such as (a) Vendor not following above bidding procedures (b) Vendor not being technically acceptable to HOCL (c) Not enclosing EMD with the techno commercial bid or EMD paid being lesser than the stipulated amount (d) Vendor not agreeing with the general conditions of the tender. (e) Not enclosing any particular documents asked for (f) Any other valid reasons.

**SIGNING & STAMPING ON ALL PAGES OF BIDS**: The vendor shall sign and stamp on all the pages of the bids uploaded, failing which bids are liable to be rejected.



ANNEXURE-II

#### **SCOPE OF WORK**

### Scope of work includes but not limited to the following:

We intend to retube the tube bundles of 101-E-004  $C_3$ - $C_3$  Over Head Condenser (980Nos of straight tubes) with new straight tubes of 6000mm length with old tube sheets, baffles plates, tie rods and spares.

- 1. 101-E-004 is astraight tube, fixed tube sheet type Heat Exchanger and work is preferred to be carried out by bringing down the exchanger to the ground level (at elevation of 15 Mtrs. approximately)
- 2. Blinding/disconnection of exchanger from the connected piping and from the foundation will be done by HOCL.
- 3. Dropping down the exchanger from the foundation to the ground level will be done by HOCL.
- 4. HOCL will offer the Exchanger duly drained and water washed condition.
- 5. HOC will allow the work at party's workshop. But the party has to execute an indemnity bond forRs.50 Lakhs before taking material to his shop. But storage of the tubes and exchanger will be at party's risk and transportation of tubes, exchanger and other spares to and from your workshop has to be done by the contractor.
- 6. The loading, unloading and transportation of tubes, exchanger for re-tubing all required material from HOCL to your site and bring back the exchanger after re-tubing and other materials shall be in the scope of the contractor.
- 7. In case of any damage happened to any of the material during transit or in the course of operation /storage, the same shall be replaced by you at your risk & cost.
- 8. If party wants to carry out the work in HOC premises, HOC will allow the same in HOC's fabrication yard. Transportation of exchanger from site and tubes from store to the fabrication yard shall be in the scope of the contractor.
- 9. Electrical and water supply if required shall be provided by HOC at one point.
- 10. Before stating the hot work party should ensure that the exchanger is thoroughly cleaned and free from hydrocarbon.
- 11. Complete removal of tubes from exchanger without damaging the tube sheet, baffles, tie roads and cleaning the shell, tube sheet, tube sheet grooves shall include in the scope of contractor.
- 12. Any cutting for opening window/hand holes required to be done on the shell of the exchanger, the same shall be done by the contractor under information and consent of Engineer-in-Charge. And bringing back the same to the original condition after re-tubing work by welding using electrode E-7018 as per specification, standard and instruction of Engineer-in-Charge. Utmost care should be taken while cutting the window / hand hole in the shell, HOCL will not given any shell material for rewelding. The welding electrode used should be of L&T/ESSAB/Advani Make only.
- 13. Thermal Stress Relief (SR) treatment of welding joint of shell shall be carried out as per requirement of UCS-56 (d) of ASME Sec. VIII if required as per the instruction of Engineer-in-Charge.
- 14. 100% radiography has to be done on all the shell weld joints and film and radiography inspection report has to be submitted to HOCL.
- 15. Care shall be taken to ensure that there is no distortion taking place while carrying out the cutting/ welding work on the shell, and sufficient stiffeners shall be provide prior to start cutting /welding hot work.



- 16. After removal of the entire tubes, complete cleaning of the shell as per the instruction of Engineer-in-Charge to be arranged by the contractor and offered for inspection.
- 17. Shell, Baffles and tie rods are to be offered for inspection to HOCL after cleaning work. Any minor repair or machining of the same arises during the work has to be done by the contractor at his own cost.
- 18. If any damage noticed to the baffles plate the same shall be replaced by the contractor. Baffle plate material will be supplied by HOCL, Drilling, Machining and Fabrication of baffle plate shall be in the scope of the contractor.
- 19. Drilling, reaming/cleaning of the tube sheets to be carried out without causing any damage to the same. If pitting noticed in the tube sheet the same shall be filled with TIG Welding using ER70S-2 as directed by Engineer-In-Charge and machined the same shall be done by the contractor.
- 20. Expansion grooves must be cleaned and cleared to remove any burrs.
- 21. Collecting new tubes from HOCL stores, transportations to work site, cleaning of tubes and inspection for any physical damage shall be in the scope of contractor.
- 22. New straight tubes Dia 20mm OD x 14 BWG thick x Min 6 Meter length in SA 179 required for the job shall be supplied by HOC.
- 23. Cutting the tubes to the required length and buffing the ends shall be in the scope of contractor.
- 24. Inserting/assembling of new tubes into the tube sheet with cleaned baffles, and tie rods to be started after getting consent from Engineer-in-Charge.
- 25. Assembling of the tube bundle with tube sheet, baffle plates; tie rods etc. shall be as per Drg.No.J-3420 (Sheet 4 of 4).
- 26. Expansion of the tubes by pneumatic/electronic tube expander & welding of tubes to tube sheet. The welding of tube-to-tube sheet will be done by TIG welding (ER70S-2) as per the enclosed Drg.No. J-3420 (Sheet 4 of 4) is in the Contractor's scope. (The TIG welding has to be carried out by an IBR qualified welder.) All the consumables/equipments such as Argon gas, welding helmet, wire brush, TIG welding machine, TIG Torch gloves etc. should be brought by the Contractor including tube expander, etc. (IBR certificate of welders has to be produced before start of work).
- 27. The seal welding of the tubes to tube sheet shall be done by TIG welding. The welding is to be carried out by a qualified welder and the welding is to be done before the expansion of the tubes. The welding shall be done in such a manner that, there shall be no distortion in the tube sheet.
- 28. All the consumables /equipments such as Argon gas, welding helmet, and wire brush, TIG welding machine, TIG torch, gloves, and TIG wire, electronic torquing machine, all required turning/machining/drilling equipments, etc., should be arranged by you including expander of required size. The filler wire used should be of L&T/ESSAB/Advani Make only.
- 29. The suitable Filler wires for welding the tubes to tube sheet (above) has to be arranged by the Contractor.
- 30. Dye penetrant test should be carried out to ensure quality of weld joints.
- 31. Work shall be offered for stage wise inspection on completion of each pass of tubes insertion and obtain consent to proceed for further inserting of tubes.
- 32. After completion of assembling all tubes are to be expanded at its tube sheet joints with proper expander with support of Electronic torquing machine as per standard practice. The expansion shall be done on both side simultaneously on different tubes.



- 33. After completing the expansion work and on confirmation from Engineer-in-Charge exchanger shall be hydrostatically tested both shell side and tube side separately at the specified pressure as per standard practice and instruction of engineer-in-charge.
- 34. Hydraulic test of the tube bundle to check the roll joints as per the details given below:

Test pressure for shell side - 28.5 Kg/cm2
Test pressure for tube side - 9.75 Kg/cm2

- 35. All arrangements for hydraulic testing i.e., blinding of nozzles, arranging test pump with fitting shall be in the scope of contractor.
- 36. In case any leak observing during testing, due to the failure of either material or workmanship the same shall be rectified by the contractor by flaring/replacing the tubes expanding and again testing.
- 37. The final test should be done in the presence of Engineer-In-Charge.
- 38. Exchanger both end support brackets are to be repaired by the contractor. New supports are fabricated as per the dimension mentioned in the Drg. No. J-3420 (Sheet 2 of 4). Material for fabrication of supports will be supplied by HOCL.
- 39. After completing the entire work, the erection of exchanger back to its foundation will be done by HOCL.
- 40. Hydraulic testing at Tube side and shell side at the required pressure will be carried out by HOC once again after putting the tube bundle into service. In case any leak is observed at that time, contractor has to do the necessary repair by flaring/welding at their cost at HOC site.
- 41. All removed tubes and its debris to be segregated, weighted and shifted to the place shown by Engineer-in-Charge.

YOU ARE REQUESTED TO VISIT THE SITE TO ASCERTAIN THE EXACT QUANTUM OF WORK/SITE CONDITIONS BEFORE SUBMITTING YOUR OFFER.



#### ANNEXURE- III

#### **SPECIAL CONDITINOS OF CONTRACT**

- All manpower, tools, tackles, lifting tools, ropes, wire brushes, grinding machine, buffing machine, chain
  pulley block, wheel barrows etc. whatever required for the work are to be arranged by the contractor. A
  list of tools and tackles intended to be brought for the work by the contractor has to be kept along with
  the bid.
- 2. Safety Helmets, safety shoe, goggles, safety belts and other PPEs etc. for the workmen and supervisor employed for the work are to be arranged by the contractor.
- 3. No work to be carried out without wearing safety gadgets (PPE's), work order, confined space entry record and safety work permit by the employees of the contractor.
- 4. If the work is urgent, you have to deploy people on round the clock basis to complete the work on time as per the instruction of Engineer-in-Charge (if situation warrants)
- 5. The entire work is to be carried out as per the standard engineering practice and subjected to stage inspection by HOCL.
- 6. All debris, waste etc. arising out of the job should be segregated weighed, transported and dumped into the scrap yard as per the instruction of Engineer-in-Charge at your cost. The contractor also has to abide by the guidelines for Environmental Protection.
- 7. HOC has every right to stop the work if the progress and quality of work is found unsatisfactory. The balance work will be carried out by HOC through another agency at the cost and risk of the first contractor.
- 8. Contractor has to mobilise the complete team with necessary tools and tackles **within 24 hours** from the time of intimation to start the work.
- 9. Either the contractor or his authorised supervisor should be available at work site throughout the work.
- 10. The quantity shown can vary i.e. Increase or decrease depending upon the situation. However, the rate and other terms and conditions are same throughout the pendency of the contract for which the contractor must be ready.
- 11. The Contractor should follow all clause in Annexure A, B & C like ESI, Safety Regulations and General Conditions of Contract, Workmen Compensation, Personal Protective Equipments (PPE), Labour Laws, PF, Guidelines to contractors / suppliers for environmental protection & Confined Space Entry.
- 12. Contractor should get prior permission from the Engineer-in-Charge for bringing the material to HOC.



**ANNEXURE-IV** 

## **COMPLIANCE / NO-DEVIATION STATEMENT**

It is hereby stated that the quotation/offer submitted by us is in full compliance with all the documents issued against the enquiry and also further confirmed that there is no deviation from all the terms and conditions as per the enquiry.

Signature of the Tenderer		
Name of the Tenderer	:	
Address	:	
Place :		SEAL
Date :		



**ANNEXURE - V** 

# **COMPLIANCE OF GENERAL CONDITIONS OF CONTRACT (GCC)**

It is hereby stated that we have read and understood General Conditions of Contract (GCC) and confirm that we abide by all the terms and conditions of GCC.

Signature of the Tenderer :

Name of the Tenderer :

Address :

Place: SEAL

Date:



#### **ANNEXURE-VI**

## **CHECK LIST**

• EMD - 28,600/- (Not applicable to NSIC / SSI / MSME/PSUs).

EMD shall be furnished in the form of Insurance Surety Bond (ISB) issued from Insurance Company under IRDAI, Account Payee Demand Draft, Bank Guarantee issued from any Scheduled Bank in India having a branch in Kochi, Kerala / on online payment in an acceptable form.

Bank Details - State Bank of India

- A/c No. 37881840330

- IFSC - SBIN0013551

Branch Name - Belapur, Mumbai

#### **Pre-qualification Criteria**

- Complete set of Tender Document duly filled in and signed by the Tenderer as prescribed in different clauses
  of the Tender Document.
- GCC duly filled in the relevant portions, signed and stamped all the pages by the tenderer (The tenderers
  have to download the GCC (General Conditions of Contract) from our web site <a href="www.hoclkochi.com">www.hoclkochi.com</a> and the
  same has to be returned along with the technical bid duly signed and stamped in all pages.
- Tender should accompany the details asked in A, B,C, D, E, F, H, Q, R & S
- Copies of work orders already completed or in progress
- Completion certificates
- Organization chart with details of key persons
- Tools and tackles available
- Concurrent commitments
- GSTN registration
- Copy of PAN Card
- Experience on similar works executed during the last five years and details like monetary value, proof of satisfactory completion of works etc.

## Clause - 1 & 2 (not applicable to MSME)

- Average annual financial turnover during the last 3 years, ending 31st March of the previous financial year, should be at least ₹4 Lakhs. (Details of annual financial turnover to be submitted with Documentary proof).
- 2. Experience of having successfully completed similar works during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following:

Three similar completed works costing not less than the amount equal to ₹5.0 Lakhs.

ΩR

Two similar completed works costing not less than the amount equal to **₹6.0 Lakhs.** 

OR

One similar completed works costing not less than the amount equal to ₹9.0 Lakhs.



- 3. The parties who have been blacklisted / put in holiday list or parties in respect of whom action has been initiated for Blacklisting / Holiday listing by HOCL/any government / Quasi government agencies or any PSUs shall not be considered for award of job. The tenderer should give a written declaration regarding the same.
- 4. In addition to Clause No.3.7 of our GCC, the tenderer who do not meet the basic requirements (technical / commercial) as per the tender enquiry document and any other important condition having significant bearing on the cost / utility / performance of the required goods, services etc. will be treated as unresponsive and the tender will be liable to rejection.

Signature of the Tenderer	:
Name of the Tenderer	:
Address	:
Place :	
Date :	