



Re-Design, Supply, Fabrication, Testing & Transportation
of Tar Cracking Heater (E 5507)
MEC30379

This tender floated in NIC - CPP Portal with **Tender ID: 2024_HOCL_788920_1 dt. 05/01/2024** with due date 19/01/2024 at 02:00 PM and in GeM Portal with **GeM Bid No. GEM/2024/B/4439973 dt. 05/01/2024** with due date 19/01/2024 at 01:00 PM.

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:

Sl. No.	Description of Item and Tender No.
1	कार्य का नाम : टार क्रैकिंग हीटर का पुनः डिज़ाइन, आपूर्ति, निर्माण, परीक्षण और परिवहन (ई 5507) HOCL निविदा संदर्भ : MEC30379 Name of Work : RE-DESIGN, SUPPLY, FABRICATION, TESTING & TRANSPORTATION OF TAR CRACKING HEATER (E 5507) HOCL Tender Ref : MEC30379

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

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

इच्छुक पार्टियां निविदा में भाग लेने के लिए कृपया एनआईसी ई प्रोक्योरमेंट पोर्टल (यूआरएल: <https://eprocure.gov.in/eprocure/app> & <https://mkp.gem.gov.in/market>) 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 जाएं।

Interested parties may please get registered with NIC e procurement portal (URL: <https://eprocure.gov.in/eprocure/app> & <https://mkp.gem.gov.in/market>) 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 करतकए **दो बोली प्रणाली** के तहत अपनी ई-बोली जमा करें।

Please submit your E-bids under the **Two Bid system** 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:I99999MN1960GOI011895)

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.
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Phone: (0484) 2720911, FAX No. (0484) 2720893

MEC30379

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 **टार क्रैकिंग हीटर का पुनः डिजाइन, आपूर्ति, निर्माण, परीक्षण और परिवहन (ई 5507)** के लिए ई-निविदाएं आमंत्रित की हैं। एचओसीएल ने मैसर्स एनआईसी के साथ एक समझौता किया है। अपने पोर्टल <https://eprocure.gov.in/eprocure/app> के माध्यम से ई-खरीद के लिए। आप कृपया एस निविदा 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 **RE-DESIGN, SUPPLY, FABRICATION, TESTING & TRANSPORTATION OF TAR CRACKING HEATER (E 5507)**. HOCL has entered into an agreement with M/s. NIC for e-procurement through their portal <https://eprocure.gov.in/eprocure/app>. You may please get registered as a vendor with NIC for participating in this tender.

निविदा दस्तावेज एचओसीएल की वेबसाइट www.hoclkochi.com, [https://](https://www.hoclkochi.com) 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 www.hoclkochi.com, <https://eprocure.gov.in/eprocure/app> & <https://mkp.gem.gov.in/market>

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 पढ़ लें।

Index of documents enclosed is attached herewith. You are requested to kindly go through all the documents in detail before preparing/submitted 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: L99999MH1960GOIO11895),
For Hindustan Organic Chemicals Limited (CIN: L99999MH1960GOIO11895),

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



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इस दस्तावेज़ को सभी पृष्ठों पर बोलीदाता द्वारा हस्ताक्षरित और मुद्रांकित किया जाना है और ई-निविदा के साथ जमा किया जाना है

हिंदुस्तान ऑर्गेनिक केमिकल्स लिमिटेड
(भारत सरकार का एक उद्यम)
पंबालामुगल पीओ, एर्नाकुलम जिला, केरल - 682 302।

निविदा संदर्भ नहीं: MEC30379
कार्य का नाम: टार क्रैकिंग हीटर का पुनः डिज़ाइन, आपूर्ति, निर्माण, परीक्षण और परिवहन (ई 5507)

ऑनलाइन बोली जमा करने के लिए सामान्य निर्देश

बोलीदाताओं को वैध डिजिटल हस्ताक्षर प्रमाणपत्रों का उपयोग करते हुए केंद्रीय सार्वजनिक खरीद पोर्टल (भारत सरकार) पर इलेक्ट्रॉनिक रूप से अपनी बोलियों की सॉफ्ट कॉपी जमा करनी होगी। नीचे दिए गए निर्देश बोलीदाताओं को सीपीपी पोर्टल पर पंजीकरण करने में सहायता करने, आवश्यकताओं के अनुसार अपनी बोलियां तैयार करने और सीपीपी पोर्टल पर अपनी बोलियां ऑनलाइन जमा करने के लिए हैं।

सीपीपी पोर्टल पर ऑनलाइन बोलियां जमा करने के लिए उपयोगी अधिक जानकारी यहां प्राप्त की जा सकती है:
<https://eprocure.gov.in/eprocure/app>

पंजीकरण

- बोलीदाताओं को सीपीपी पोर्टल पर "ऑनलाइन बोलीदाता नामांकन" लिंक पर क्लिक करके केंद्रीय सार्वजनिक खरीद पोर्टल (यूआरएल: <https://eprocure.gov.in/eprocure/app>) के ई-प्रोक्योरमेंट मॉड्यूल पर नामांकन करना आवश्यक है। जो निःशुल्क है।
- नामांकन प्रक्रिया के भाग के रूप में, बोलीदाताओं को एक विशिष्ट उपयोगकर्ता नाम चुनना होगा और अपने खातों के लिए एक पासवर्ड निर्दिष्ट करना होगा।
- बोलीदाताओं को सलाह दी जाती है कि वे पंजीकरण प्रक्रिया के हिस्से के रूप में अपना वैध ईमेल पता और मोबाइल नंबर पंजीकृत करें। इनका उपयोग सीपीपी पोर्टल से किसी भी संचार के लिए किया जाएगा।
- नामांकन के बाद, बोलीदाताओं को अपने प्रोफाइल के साथ सीसीए इंडिया (जैसे सिफ़ी / एनकोड / ईमुद्रा आदि) द्वारा मान्यता प्राप्त किसी भी प्रमाणन प्राधिकरण द्वारा जारी अपने वैध डिजिटल हस्ताक्षर प्रमाण पत्र (हस्ताक्षर कुंजी उपयोग के साथ तृतीय श्रेणी प्रमाण पत्र) पंजीकृत करने की आवश्यकता होगी।
- एक बोलीदाता द्वारा केवल एक वैध डीएससी पंजीकृत किया जाना चाहिए। कृपया ध्यान दें कि बोलीदाता यह सुनिश्चित करने के लिए जिम्मेदार हैं कि वे अपने डीएससी को दूसरों को उधार नहीं देते हैं जिससे दुरुपयोग हो सकता है।
- इसके बाद बोलीदाता अपना यूजर आईडी/पासवर्ड और डीएससी/ई-टोकन का पासवर्ड दर्ज करके सुरक्षित लॉग-इन के माध्यम से साइट पर लॉग इन करता है।

निविदा दस्तावेजों की खोज

- सीपीपी पोर्टल में विभिन्न खोज विकल्प बनाए गए हैं, ताकि बोली लगाने वालों को सक्रिय निविदाओं को कई मापदंडों द्वारा खोजने में सुविधा हो। इन मापदंडों में निविदा आईडी, संगठन का नाम, स्थान, तिथि, मूल्य आदि शामिल हो सकते हैं। निविदाओं के लिए उन्नत खोज का एक विकल्प भी है, जिसमें बोली लगाने वाले कई खोज मापदंडों को जोड़ सकते हैं जैसे संगठन का नाम, अनुबंध का रूप, स्थान, दिनांक, अन्य कीवर्ड आदि सीपीपी पोर्टल पर प्रकाशित निविदा की खोज के लिए।
- एक बार जब बोलीदाताओं ने उन निविदाओं का चयन कर लिया जिनमें वे रुचि रखते हैं, तो वे आवश्यक दस्तावेज/निविदा कार्यक्रम डाउनलोड कर सकते हैं। इन निविदाओं को संबंधित 'माई टेंडर्स' फ़ोल्डर में स्थानांतरित किया जा सकता है। यह सीपीपी पोर्टल को निविदा दस्तावेज में कोई शुद्धिपत्र जारी होने की स्थिति में एसएमएस/ई-मेल के माध्यम से बोलीदाताओं को सूचित करने में सक्षम बनाएगा।
- यदि बोलीदाता हेल्पडेस्क से कोई स्पष्टीकरण/सहायता प्राप्त करना चाहता है तो उसे प्रत्येक निविदा को दी गई विशिष्ट निविदा आईडी को नोट करना चाहिए।



बोली की तैयारी

1. बोलीदाता को अपनी बोली जमा करने से पहले निविदा दस्तावेज पर प्रकाशित किसी भी शुद्धिपत्र को ध्यान में रखना चाहिए।
2. बोली का हिस्सा का रूप में प्रस्तुत किए जाने वाले आवश्यक दस्तावेजों को समझने के लिए कृपया निविदा विज्ञापन और निविदा दस्तावेज को ध्यान से देखें। कृपया उन कवरों की संख्या पर ध्यान दें जिनमें बोली दस्तावेज जमा किए जा रहे हैं, दस्तावेजों की संख्या - जिसमें प्रस्तुत किए जाने वाले प्रत्येक दस्तावेज का नाम और सामग्री शामिल है। इनमें से किसी भी विचलन का कारण बोली को अस्वीकार किया जा सकता है।
3. बोलीदाता, निविदा दस्तावेज/अनुसूची में दर्शाए गए अनुसार प्रस्तुत किए जाने वाले बोली दस्तावेजों को अग्रिम रूप से तैयार कर लें और आम तौर पर, वे पीडीएफ/एक्सएलएस/आरएआर/डीडब्ल्यूएफ/जिजी प्रारूपों में हो सकते हैं। बोली दस्तावेजों को 100 डीपीआई का साथ ब्लैक एंड व्हाइट विकल्प का साथ स्कैन किया जा सकता है जो स्कैन किए गए दस्तावेज का आकार को कम करने में मदद करता है।
4. मानक दस्तावेजों का एक ही सेट को अपलोड करने में आवश्यक समय और प्रयास से बचने के लिए, जिन्हें प्रत्येक बोली का एक भाग का रूप में प्रस्तुत करना आवश्यकता होती है, ऐसे मानक दस्तावेजों (जैसे प्रैन कार्ड की प्रति, वार्षिक रिपोर्ट, लक्षा परीक्षक प्रमाण पत्र आदि) को अपलोड करना प्रावधान।) बोलीदाताओं को प्रदान किया गया है। बोलीदाता ऐसे दस्तावेजों को अपलोड करने के लिए उनका लिए उपलब्ध "माई स्पेस" या "अन्य महत्वपूर्ण दस्तावेज" क्षेत्र का उपयोग कर सकते हैं। बोली जमा करते समय इन दस्तावेजों को सीधे "माई स्पेस" क्षेत्र से जमा किया जा सकता है, और बार-बार अपलोड करने की आवश्यकता नहीं है। इससे बोली जमा करने की प्रक्रिया के लिए आवश्यक समय में कमी आएगी।

नोट: My Documents स्थान का अपलोड करने की प्रक्रिया को आसान बनाने के लिए बोलीदाताओं को दिया गया एक भंडार है। यदि बोलीदाता नए दस्तावेज स्थान में अपने दस्तावेज अपलोड किए हैं, तो यह स्वचालित रूप से यह सुनिश्चित नहीं करता है कि ये दस्तावेज तकनीकी बोली का हिस्सा हैं।

बोलियां जमा करना

1. बोलीदाता को बोली जमा करने के लिए काफी पहले ही साइट पर लॉग इन करना चाहिए ताकि वह समय पर यानी बोली जमा करने के समय पर या उससे पहले बोली अपलोड कर सके। अन्य मुद्दों का कारण किसी भी दली के लिए बोलीदाता जिम्मेदार होगा।
2. बोलीदाता को निविदा दस्तावेज में दर्शाए अनुसार आवश्यक बोली दस्तावेजों को एक-एक करके डिजिटल रूप से हस्ताक्षरित और अपलोड करना होगा।
3. बोलीदाता को निविदा शुल्क / ईएमडी का भुगतान करने के लिए "ऑफ़लाइन" का रूप में भुगतान विकल्प का चयन करना होगा और उपकरण का विवरण दर्ज करना होगा।
4. बोलीदाता को निविदा दस्तावेज में निर्दिष्ट निर्देशों के अनुसार ईएमडी तैयार करनी चाहिए। मूल को बोली जमा करने की अंतिम तिथि तक या निविदा दस्तावेजों में निर्दिष्ट अनुसार संबंधित अधिकारी को व्यक्तिगत रूप से प्रोस्ट/कूरियर/दिया जाना चाहिए। भौतिक रूप से भेजा गया डीडी/किसी अन्य स्वीकृत साधन का विवरण स्कैन की गई प्रति में उपलब्ध विवरण और बोली जमा करने के समय दर्ज किए गए डेटा से मेल खाना चाहिए। अन्यथा अपलोड की गई बोली अस्वीकार कर दी जाएगी।
5. बोलीदाताओं से अनुरोध है कि वे जांच करें कि वे आवश्यक रूप से प्रदान किए गए प्रारूप में अपनी वित्तीय बोलियां जमा करें और कोई अन्य प्रारूप स्वीकार्य नहीं है। यदि मूल्य बोली को निविदा दस्तावेज का साथ मानक बीओक्यू प्रारूप का रूप में दिया गया है, तो इसे डाउनलोड किया जाना है और सभी बोलीदाताओं द्वारा भरा जाना है। बोलीदाताओं को बीओक्यू फ़ाइल डाउनलोड करनी होगी, इसे खोलना होगा और सफ़ेद रंग (असुरक्षित) सेट को उनका संबंधित वित्तीय उद्धरण और अन्य विवरण (जैसे बोलीदाता का नाम) का साथ पूरा करना होगा। कोई अन्य सेट नहीं बदला जाना चाहिए। एक बार विवरण पूरा हो जाने के बाद, बोलीदाता को फ़ाइल नाम बदल देना इससे सहजता चाहिए और इस ऑनलाइन जमा करना चाहिए। यदि बोलीदाता द्वारा बीओक्यू फ़ाइल को संशोधित पाया जाता है, तो बोली को अस्वीकार कर दिया जाएगा।



6. सर्वर समय (जो बोलीदाताओं के डैशबोर्ड पर प्रदर्शित होता है) को बोलीदाताओं द्वारा बोली जमा करने, बोलियां खोलने आदि की समय सीमा को संदर्भित करने के लिए मानक समय माना जाएगा। बोलीदाताओं को बोली जमा करने के दौरान इस समय का पालन करना चाहिए।
7. डेटा की गोपनीयता सुनिश्चित करने के लिए बोलीदाताओं द्वारा प्रस्तुत किए जा रहे सभी दस्तावेजों को पीकेआई एन्क्रिप्शन तकनीकों का उपयोग करके एन्क्रिप्ट किया जाएगा। दर्ज किए गए डेटा को अनधिकृत व्यक्तियों द्वारा बोली खोलने के समय तक नहीं देखा जा सकता है। सुरक्षित सॉकेट लेयर 128 बिट एन्क्रिप्शन तकनीक का उपयोग करके बोलियों की गोपनीयता बनाए रखी जाती है। संवेदनशील क्षेत्रों का डेटा भंडारण एन्क्रिप्शन किया जाता है। कोई भी बोली दस्तावेज़ जो सर्वर पर अपलोड किया जाता है, सिस्टम द्वारा उत्पन्न सममित कुंजी का उपयोग करके सममित एन्क्रिप्शन के अधीन होता है। इसके अलावा यह कुंजी खरीदारों/बोली खोलने वाले की सार्वजनिक कुंजी का उपयोग करके असममित एन्क्रिप्शन के अधीन है। कुल मिलाकर, अपलोड किए गए निविदा दस्तावेज़ अधिकृत बोली खोलने वालों द्वारा निविदा खोलने के बाद ही पढ़ने योग्य हो जाते हैं।
8. अपलोड किए गए निविदा दस्तावेज़ अधिकृत बोली खोलने वालों द्वारा निविदा खोलने के बाद ही पढ़ने योग्य हो जाते हैं।
9. बोलियों को सफलतापूर्वक और समय पर प्रस्तुत करने पर (अर्थात पोर्टल में "फ्रीज बिड सबमिशन" पर क्लिक करने के बाद), पोर्टल एक सफल बोली सबमिशन संदेश देगा और बोली संख्या के साथ एक बोली सारांश प्रदर्शित किया जाएगा। और अन्य सभी प्रासंगिक विवरणों के साथ बोली जमा करने की तिथि और समय।
10. बोली सारांश मुद्रित किया जाना चाहिए और बोली प्रस्तुत करने की पावती के रूप में रखा जाना चाहिए। इस पावती का उपयोग किसी भी बोली खोलने की बैठक के लिए प्रवेश पास के रूप में किया जा सकता है।

बोलीदाताओं को सहायता

1. निविदा दस्तावेज़ और उसमें निहित नियमों और शर्तों से संबंधित किसी भी प्रश्न को निविदा के लिए निविदा आमंत्रण प्राधिकारी या निविदा में इंगित संबंधित संपर्क व्यक्ति को संबोधित किया जाना चाहिए।
2. ऑनलाइन बोली जमा करने की प्रक्रिया से संबंधित कोई भी प्रश्न या सामान्य रूप से सीपीपी पोर्टल से संबंधित प्रश्नों को 24x7 सीपीपी पोर्टल हेल्पडेस्क को निर्देशित किया जा सकता है।

संपर्क व्यक्ति (ऑनलाइन सबमिशन के लिए)

श्री. मिथुन बाबू
सहायक प्रबंधक (सिस्टमस/सामग्री)
मोबाइल नंबर : 8921387812, 8547196394

HOCL कार्य समन्वयक

श्री. एल्दोस बेबी
सहायक प्रबंधक (यांत्रिक)
मोबाइल नंबर : 7012497507/9745667399/
0484 2727394



**This Document to be Signed and Stamped by Bidder on All Pages and Submitted
along with the E-Tender**

**HINDUSTAN ORGANIC CHEMICALS LIMITED
(A Government of India Enterprise)
Ambalamugal P.O.,Ernakulam District, Kerala – 682 302.**

Tender Ref. No: MEC30379

**NAME OF WORK: RE-DESIGN, SUPPLY, FABRICATION, TESTING & TRANSPORTATION OF
TAR CRACKING HEATER (E 5507)**

General instructions for Online Bid Submission

The bidders are required to submit soft copies of their bids electronically on the Central Public Procurement Portal(Govt. Of India), using valid [Digital Signature Certificates](#). The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

REGISTRATION

1. Bidders are required to enrol on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “**Online bidder Enrolment**” on the CPP Portal which is [free of charge](#).
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

1. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
2. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
3. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.



PREPARATION OF BID

1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Note: My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.

SUBMISSION OF BIDS

1. Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.
4. Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
5. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. 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. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder 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.
6. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.



7. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
8. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
9. Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
10. The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

Contact Person (for online submission)

Mr. Midhun Babu
Assistant Manager (Systems/Materials)
Mobile No. 8921387812, 8547196394

HOCL Work Co-ordinator

Mr. Eldhose Baby
Assistant Manager (Mechanical)
**Mobile No. 7012497507/9745667399/
0484 2727394**



ANNEXURE-I

GENERAL TERMS AND CONDITIONS OF THE TENDER

Pre-Qualification Criteria (to be included in the Technical Bid)

The Tenderers shall submit the following in the Technical bid (Un priced Bid) without which the tender will be rejected.

- 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 www.hoclkochi.com and the same has to be returned along with the technical bid duly signed and stamped in all pages.
- Earnest Money in the manner specified in the Tender document.
- Tender should accompany the details asked in A, B,C, D, E , F, H, 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
- 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)

1. Average annual financial turnover during the last 3 years, ending 31st March of the previous financial year, should be at least **₹7.5 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 **₹10 Lakhs**.
OR
Two similar completed works costing not less than the amount equal to **₹13 Lakhs**.
OR
One similar completed works costing not less than the amount equal to **₹20 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.



EARNEST MONEY DEPOSIT - NOT APPLICABLE TO MSME / SSI Units /PSUs

Quotation shall accompany an **EMD of ₹61,750/- shall be paid by crossed DD/Bankers Cheque/thro' NEFT.**

Bank Details - Central Bank of India, Tripunithura
- A/c No. 3580607136
- IFSC - CBIN0284515

Details of bank transfer should be indicated in your technical offer. Quotations not accompanied with EMD, are liable to be rejected.

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.

RATES

Rates quoted shall be inclusive of all taxes, duties, octroi and other levies etc. GST, in case applicable shall be paid extra. The bidder should have GST registration with Central Excise Department.

PERFORMANCE SECURITY

Performance security shall be 10% 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 Account Payee Demand Draft/ Bank Guarantee issued from any Commercial Bank in India/ 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.

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.

LIQUIDATED 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 Week 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 **1 year** from the date of issue of work order/issue of instruction to start the work.



SCOPE OF SUPPLY

a. HOCL's Scope
Nil.

b. Contractor's Scope

All skilled & Unskilled manpower require for the work is to be arranged by the contractor. All machines, tools, tackles, lifting equipments such as crane, chain pulleys, slings, D shackles, Hydraulic test pumps and other tools and equipments required for the completion of the work is to be arranged by the contractor.

All the materials including steel plates required for shell, top / bottom /side dish end of the exchanger, pipes and flanges required for nozzles, shell stiffening rings, structural supports / saddle support, cleats required for fixing ladder and platforms, gaskets, etc., and TPS shall be supplied by vendor.

Supply of painting material is in the scope of Vendor.

TOOLS AND TACKLES

a. Contractor's Scope

No work at HOCL, Kochi premises is envisaged.

b. HOCL's Scope

No work at HOCL, Kochi premises is envisaged.

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 supply of the equipment at HOC site should be completed within **6 months** from the date of work order / LOI

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

- 30% (Total Order Value) against material identification and certification by third party inspection agency and submission of Bank Guarantee for the said amount.
- 65%(Total Order Value) payment will be made on completion of the supply of the Exchanger at HOCL, Ambalamugal along with all documents like final inspection cum release note, test certificate data folder, as built drawing and CD.
- Balance 5% payment will be kept as security deposit and it will be released after completion, acceptance and submission of all certificates and other formalities 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 L₁ COMPARED TO THE RATES IN NIC PORTAL, WORK WILL BE AWARDED TO THE GeM BIDDER AND VICE VERSA.

AGREEMENT

THE CONTRACTOR HAS TO EXECUTE AN AGREEMENT WITH HOCL IN THE PRESCRIBED FORMAT ON A NON JUDICIAL STAMP PAPER OF RS. 200/- IN CASE OF PLACEMENT OF WORK ORDER.

DEFECT LIABILITY PERIOD

As per GCC.

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 www.hoclkochi.com.

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) **19/01/2024 at 02.00 PM.**

OPENING OF BIDS: The Bids will be opened on **20/01/2024 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.



PRICE BID SUBMISSION-BOQ: Bidders are requested to note that they should necessarily **submit their financial bids in the format provided and no other format is acceptable.** 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. **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. **(such as name of the bidder).** 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.

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

“TIME IS THE ESSENCE OF THIS CONTRACT”

The scope of work includes but not limited to the following:

1. Supply

Redesign, preparation of fabrication drawing, supply, Fabrication, testing and transportation of shell, U-Tube Bundle, dish end, Channel Head and Channel Cover of Rerun Column Reboiler as per the attached drawings, Technical specifications etc.

The drawing given along with the Tender is a schematic drawing , **the supplier has to supply the shell, U-Tube Bundle, dish end with MOC SS 316 and Channel Head & Channel Cover with MOC CS as per specified in the attached drawing.**

Design Data

	Shell	Tube Side
Design Pressure, Kg/cm ² g	2	14.1
Design Temperature °C	400	353
Working Pressure	-	-
Working Temperature	-	-
Hyd.Test Pressure, Kg/cm ² g	3	21.45
Corrosion Allowance, mm	NIL	3mm for CS
Joint Efficiency	100%	-
Radiography	FULL	-
Heat Treatment	Dished Head Normalized	Nil
Fluid	PHENOL + TAR	HOT OIL
Number of Passes	ONE	TWO
Lining	-	-
Insulation Thickness	100MM	100 MM
Finish Required		
MOC	SA 240- SS 316	For Tube SA 213 TP 316
Design Code: ASME Sec VIII Div 1, TEMA CLASS ‘R’		

Detailed Engineering

1. Mechanical design of the equipment based on the drawings and specifications listed in the “Attachment” sheets. Submission of mechanical design calculations and fabrication drawings as per vendor data requirements for approval to HOCL, in the event of getting work order.
2. The scope of work includes procurement of materials, Redesign, fabrication, testing and supply of the Rerun Column Heater. Vendor shall supply the exchanger with all appurtenances, internals and accessories required for testing, operation and maintenance as per the drawing. Vendor shall ensure that the material specification/dimensions/weld seam locations and nozzle orientations are identical to the attached drawing. However the vendor shall submit the Exchanger development and detailed drawing including the material list for review and approval by HOCL IIIrd party inspection agency. All parts like tube bundle assembly, channel head, Channel Cover, Dish end, Internals, Distribution Pipes, Nozzles, Gaskets, Fasteners, etc. are covered in this scope of work.



3. Site visit for assessment of critical details / dimensions such as nozzle orientation, nozzle stand out (projection), nozzle flange rating and drilling dimensions, etc. if the party desires so. All nozzle connections on the equipment shall match the pairing nozzle flanges of the connected piping in existing system.
4. **The inside Diameter (ID) of the shell and dish end of the heat exchanger shall not be varied from the drawings.**
5. All Gasket faces should be serrated to 125Ra (As per B16.5 clause 6.3.4).
6. Procurement of all materials as per drawing including steel plates, Tube Sheet, U-Tubes, Baffle plates, Tie rod, Channel Head, Channel Cover, dish end, structural, nozzle pipes & flanges, nozzle reinforcement and structural pad plates, structural supports, cleats for shell, Pipes and flanges required for nozzles, shell stiffening rings, external shell stiffeners, lifting lugs, saddle support, structural support cleats required, Fasteners, Gaskets etc.
7. Tube bundle assembly consisting of tube sheet, U- tubes, baffles, dowel pins, jack screws, eye bolts, plugs, jack screw bolts, hexagonal bolt and guide pin, spacers, tie rods etc., as per TEMA Class R. In case of any deviation from the above, the same should be brought out in the deviation list along with the unpriced bid.
8. Preparation and obtaining approval from IIIrd Party inspection agency of welding procedure specification (WPS), Procedure Qualification Records (PQR) and welder performance qualification (WPQ).
9. Documents including a detailed quality assurance plan (QAP) to be submitted immediately on receipt of firm work order for the approval of HOCL/III Party Inspection Agency.
10. Fabrication drawings shall be submitted for approval within 10 days from the receipt of work order. (Delay in submission of drawings / getting approval shall in no way relieve the vendor of his responsibility in meeting all the provisions of the enquiry conditions). However, the dimensions and thickness of the Exchanger need to be maintained.
11. All test certificates like material test certificates (Mill test certificate), chemical analysis report etc. should be from a reputed govt. approved lab duly reviewed by third party. The party should submit 3 copies of the data folder to HOC duly approved by third party inspection agency at the time of delivery. The data folder should contain at least the following certificates:
 - a. Material test certificates (Mill test certificates)
 - b. Chemical Analysis Report
 - c. Dimensional Inspection Report
 - d. Visual inspection certificates for deformation of vessel after welding, finish of material / machined surface
 - e. Hydro test certificate
 - f. NDT Test certificate
 - g. Final Inspection cum release note
 - h. WPS/WPQ for all welding, radiography report
 - i. Stress relieving report with temperature time graph
 - j. As-built drawing (6sets + 1 soft copy in Auto CAD –Editable format)
12. IIIrd Party Inspection is required for
 - Material identification
 - QAP & Delivery schedule, WPS, WPQ, PWHT, NDT Procedures, Radiography, Stress Relieving etc.
 - Stage wise inspection during fabrication as per QAP
 - Final Inspection during fabrication as per QAP.



Inspection and testing shall be carried out strictly to the requirements of codes stated in the specification by the IIIrd Party inspection agency. Third party inspector will be appointed by HOCL at their cost.

13. Fabrication of the exchanger shell, Tube bundle, Channel Head, Channel cover and dish end, pipes & flanges required for nozzles (N1 & N2), shell stiffening rings external shell stiffeners, lifting lugs, structural support / saddle support, cleats required etc. Post weld heat treatment of the fabricated equipment.
14. Mechanical fabrication and testing shall be as per ASME Sec VIII Div 1 / TEMA Class R (Latest edition).
15. Welding of cleats / brackets for the fixing of ladders and platforms (if any).
16. Post weld heat treatment of the fabricated equipment.
17. Radiography has to be done as per ASME Code.
18. Inspection and testing including hydro test.
- 19. WORK PLANNING CHART AND WEEKLY PROGRESS REPORT SHOULD BE SUBMITTED TO HOC WITHIN 5 DAYS IN THE EVENT OF GETTING ORDER.**
20. Transportation of the equipments to site. Transit insurance will be arranged by HOCL. Vendor shall inform the details prior to the dispatch for insurance purpose.
21. Supply and application of primer and finish paint on channel Head and Channel Cover as per section 6.
22. Any other items covered in other documents / drawings attached with the enquiry but not specifically mentioned above.

2. Submission of drawings & Documents

Vendor shall submit the following documents to HOCL.

1. Dimensioned general arrangement drawing of the Exchanger and Tube Bundle shall be submitted. The party should submit the as-built drawing along with supply of exchanger shell. (6 sets + 1 set soft copy in Auto CAD editable format)
2. Dimensioned Exchanger development drawing showing details of the circumferential & longitudinal weld seams, nozzle openings & RF pads and external shell stiffeners, ladder / platform support and insulation cleats etc.
3. Detailed QAP for procurement, Fabrication, inspection and supply shall be submitted for approval and weekly progress report should be submitted to HOCL without fail.
4. Welding procedure specification (WPS), Procedure Qualification Record (PQR) and Welder performance qualification (WPQ)
5. Material Test Certificates for brought-out items such as plates, nozzle pipe & flanges, fasteners, gaskets, etc.
6. NDT, Dimensional report and hydro test report.
7. Radiography report
8. Heat treatment procedure and stress relieving record.
9. Final "AS BUILT" drawings as mentioned above.



3. Materials

1. All the materials including steel plates required for shell, Channel Head, U-Tube Bundle, dished end, Channel Cover, pipes and flanges required for nozzles, shell stiffening rings, structural supports / saddle support, cleats required for fixing ladder and platforms, etc., shall be supplied by vendor.
2. Refer the attached drawing for the item-wise material of construction / bill of materials.
3. All nozzle fasteners shall confirm to ASTM A193 Gr.B7 and ASTM A194 Gr. 2H.
4. All materials supplied by the vendor shall meet the requirements of attached drawings/ Specifications and applicable codes & standards. Test certificates for the materials shall be submitted to HOCL.
5. All gaskets shall be supplied for Shell & Dish end flanges, channel head cover, tube bundle (2Nos) as per the drawing attached.

4. Fabrication

1. Fabrication of the section shall be confirms to ASME Sec VIII Div.1 code
2. The schematic drawing of the exchanger is attached. If anything is not clear from the drawing the bidder is free to visit our site to clarify their doubts and collect the details they required. It is the responsibility of the vendor to submit the fabrication drawing of the equipment. The scope of the vendor shall include site visit for assessment of critical details / dimensions such as nozzle orientation, nozzle stand-out (projection), nozzle flange rating and drilling dimensions, etc. if the party desires so. All nozzle connections on the equipment shall match the pairing nozzle flanges of the connected piping. Vendor shall submit to HOCL the detailed general arrangement and shell development drawings.
3. Formed parts shall have minimum required thickness after forming as per the drawing. Plate thickness selection shall be done after consideration of thinning while forming.
4. Tube bundle assembly consisting of tube sheet, U-tubes, baffles, dowel pins, jack screws, eye bolts, plugs, jack screw bolts, hexagonal bolt and guide pin, spacers, tie rods etc., as per TEMA CLASS R Standard and no deviation is permitted. In case of any deviation from the above, the same should be brought out in the deviation list along with the unpriced bid.
5. U- tubes of Dia 19.05 mm OD and 14 BWG minimum wall mm thick in SS 316 required as per the attached drawing.
6. Tube sheet plate shall be SS ASTM A240 TP 316 plate with 48 mm thick ,Baffle plate shall be SS ASTM A240 TP316 with 10 MM thick (2Nos), Tube & Spacer tubes shall be SA 213 TP 316 with 19.05 mm OD X 14BWG. shall be under your scope as per the drawing.
7. The seal welding of the tubes to tube sheet shall be done by TIG welding, and 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. The expansions of the tubes are to be done after welding with required torque. The filler wire used for TIG welding should be of L&T/ESSAB/Advani Make only
8. Drilling and tapping for Eye bolt/Lifting hook is to be providing on tube sheet.
9. Design and fabrication of the dummy covers (end closure) for shop hydro test is in the vendors scope and same has to be handed over to HOCL. The cost towards the same shall be inclusive of total cost offered.
10. This item is required one to one replacement of the shell and dish end of the existing exchanger and supplier has to take care of all nozzle orientation, stand out, padding etc. to avoid any mismatch at site during erection.



5. Testing & Inspections

1. IIIrd Party inspection is required for material identification. Approval of WPS / WPQ and PQR Radiography and NDTs as per QAP.
2. IIIrd Party shall carry out the inspection at various stages of fabrication / procurement, including raw material identification as per QAP.
3. Approval of review of drawings / specifications / QAP etc. by HOCL shall in no way relieve the vendor of his responsibility in meeting all the provisions of the enquiry conditions.
4. All root runs of butt-welds shall be back chipped and dye penetrant tested.
5. All weld joints shall be tested by MPI & UT Flaw check also.
6. All 'T' joints shall be radio graphed (covering a minimum of 100mm on each leg of the tee)
7. Final inspection and hydro testing shall be carried out at shop before dispatch and the same shall be got witnessed by IIIrd Party/HOCL.

6. Painting of Channel Head and Channel Cover.

1. Grit Blasting - Complete grit blasting of the equipment has to be done to the required finish as per SSPC-SP-5-63 and the same shall be certified by III party inspection.
2. Supply of painting materials & painting of the equipment and attached structural as per the detailed given in Technical Specification.
3. All un-machined CS (external) surfaces shall be shot / slag blasted to SA 2 ½ Standard and painted.
4. All machined surfaces to be coated with rust protecting coats.

7. General

1. Entire work shall be carried out in accordance with relevant standards and accepted codes of practices.
2. All butt welds shall have full penetration. When welding is carried out from both sides of a joint, the root of first side shall be dressed back to sound metal and Dye penetrant tested before commencement of weld on second side.
3. All butt welds on the inner surface of the replaced section of the vessel shall be ground flush. Fillet welds shall be ground to smooth contour.
4. Cleats for structural shall not be welded directly to the vessel. Pad plates of the same material as the shell be provided for this purpose.
5. All necessary cleats and pad plates required for platforms and ladders and pipe support cleats are to be provided.
6. The bolt holes of saddle support to be fabricated and shall match with the present foundation bolts. Cleats for platforms and ladders to be provided at the present location for use of existing platforms and ladders.
7. All civil works and erection works are exempted from scope of work.
8. Mating flanges exempted from the scope of supply.



8. Transportation

1. The entire section of the vessel, davit arms etc. shall be transported to site in one piece.
2. All flanges and gasket faces should be covered with wooden plank before transportation.
3. Unloading of the equipments at HOCL site shall be carried out by HOCL at their cost.
4. Fasteners shall be properly marked, packed and supplied loose.
5. Transit Insurance will be arranged by HOCL at their cost. However party need to provide the dispatch details in advance to arrange the same.

9. Exclusions

Field Hydro test, supply and fixing of platforms & ladders is excluded from the vendor's scope.

10. Guarantee

The equipment (section supplied) and parts shall be guaranteed against defects in design, material, workmanship, and performance 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.



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 - IV

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- V

CHECK LIST

EARNEST MONEY DEPOSIT NOT APPLICABLE TO MSME / SSI Units /PSUs

Quotation shall accompany an EMD of ₹61,750/- shall be paid by crossed DD/Bankers Cheque/thro' NEFT.

Bank Details - Central Bank of India, Tripunithura
- A/c No. 3580607136
- IFSC - CBIN0284515

Details of EMD enclosed: (YES/NO).

DD No. _____ Dated _____ Amounting to _____

Name of the Bank : _____

PRE-QUALIFICATION CRITERIA (TO BE INCLUDED IN THE TECHNICAL BID) (Not applicable to already registered vendors of HOCL)

The Tenderers shall submit the following in the Technical bid (Un priced Bid) without which the tender will be rejected.

- 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 www.hoclkochi.com and the same has to be returned along with the technical bid duly signed and stamped in all pages.
- Earnest Money in the manner specified in the Tender document.
- Tender should accompany the details asked in A, B,C, D, E , F, H, 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
- 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)

1. Average annual financial turnover during the last 3 years, ending 31st March of the previous financial year, should be at least **₹7.5 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 **₹10 Lakhs.**

OR

Two similar completed works costing not less than the amount equal to **₹13 Lakhs.**

OR

One similar completed works costing not less than the amount equal to **₹20 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 :