



हिंदुस्तान ऑर्गेनिक केमिकल्स लिमिटेड HINDUSTAN ORGANIC CHEMICALS LTD

(भारत सरकार का उद्यम Government of India Enterprise)

अंबलमुगल, कोची AMBALAMUGAL, COCHIN – 682 302

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

ई निविदा सूचना OPEN E- TENDER NOTICE

एचओसीएल निम्नलिखित मदों की आपूर्ति के लिए दोबोली के अधीन ओपनई-बोली आमंत्रित करती है। HOCL invites Open E Bids under two bid system for the supply of following item.

Item description: PROCUREMENT OF RERUN COLUMN BOTTOM PUMP (P-5504 A/B) & OVERHEAD PUMP (P-5505 A/B) PUMP ASSEMBLY AS PER THE SPECIFICATION ATTACHED
एचओसीएल निविदा संदर्भ सं: HOCL Tender Ref No: MAT/PUR/32881-B/22

निविदा दस्तावेज़ www.hoclindia.com या www.eprocure.gov.in से डाउनलोड कर सकता है।

Tender documents may be downloaded from www.hoclindia.com or www.eprocure.gov.in

अनुमोदित विक्रेता निविदा में भाग लेने के लिए एनआईसी ई प्रोक्योरमेंट पोर्टल (यूआरएल :<https://eprocure.gov.in/eprocure/app>) में पंजीकृत करें। निर्धारित ऑनलाइन प्रक्रिया से भिन्न अन्य माध्यम से प्रस्तुत निविदाएँ स्वीकार नहीं किया जाएगा। कृपया अपना प्रस्ताव प्रस्तुत करने से पहले किसी जोड़/शुद्धिपत्र/विस्तार के लिए उपरोक्त वेबसाइट नियमित रूप से देखें।

Approved vendors may please get registered with NIC e-procurement portal (URL: <https://eprocure.gov.in/eprocure/app>) 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.

धन्यवाद Thanking you,

भवदीय Yours Faithfully,

कृते हिंदुस्तान ऑर्गेनिक केमिकल्स लिमिटेड

For Hindustan Organic Chemicals Limited

(GSTIN: 32AAACH2663P1ZG)

Soumya N.K सौम्याएन.के

Manager(Materials) प्रबंधक (सामग्री)



हिंदुस्तानऑर्गेनिककेमिकल्सलिमिटेडHINDUSTAN ORGANIC CHEMICALS LTD

(भारतसरकारकाउद्यमA Government of India Enterprise)

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MAT/PUR/32881-B/22

30.04.2022

सर्वश्रीM/s.

प्रियमहोदयDear Sir,

Hindustan Organic Chemicals Ltd. is a Govt. of India Undertaking manufacturing Phenol, Acetone & Hydrogen Peroxide at its plant at Kochi, Kerala, India. HOCL invites e tenders for **PROCUREMENT OF RERUN COLUMN BOTTOM PUMP (P-5504 A/B) & OVERHEAD PUMP (P-5505 A/B) PUMP ASSEMBLY** Detailed specification is given in the attached Specification Sheet.

Tender documents are uploaded in HOCL website www.hoclindia.com and www.eprocure.gov.in

The details of the tender are as shown in **INDEX** enclosed

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

Closing Date of Tender : 16.05.2022 at 2.00 pm

Opening Date of Tender : 17.05.2022 at 2.00 pm

Thanking you,

Yours faithfully,

For Hindustan Organic Chemicals Ltd.

Soumya N.K सौम्याएन.के

Manager(Materials) प्रबंधक (सामग्री)

अनुक्रमणिका - रोलसकेलिएपुर्जाकेलिएनिविदासूचना**INDEX - TENDER NOTICE FOR PROCUREMENT OF RERUN COLUMN BOTTOM PUMP (P-5504 A/B) & OVERHEAD PUMP (P-5505 A/B) PUMP ASSEMBLY**

1	Instructions to Bidders for online Bid Submission	अनुबंधAnnexure I
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ऑनलाइन प्रस्तुतीकरणकेलिएअनुदेशInstructions for Online Submission

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, 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. information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

पंजीकरणREGISTRATION

1. बोलीदाताओंकोसीपीपीपोर्टलपर"ऑनलाइनबोलीनामांकन"लिंकपरक्लिककरकेकेंद्रीयसार्वजनिकखरीदपोर्टलकेई-प्रोक्योरमेंटमॉड्यूल(URL: <https://eprocure.gov.in/eprocure/app>)परनामांकनकरनाआवश्यकहैजोनि: शुल्कहै। Bidders are required to enroll 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 Enrollment" on the CPP Portal which is free of charge.
2. नामांकनप्रक्रियाकेभागकेरूपमें, बोलीदाताओंकोएकविशिष्टउपयोगकर्तानामचुननाहोगाऔरउनकेखातोंकेलिएएकपासवर्डनिर्दिष्टकरनाहोगा। As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. बोलीदाताओंकोसलाहदीजातीहैकिवेपंजीकरणप्रक्रियाकेरूपमेंअपनावैधईमेलपताऔरमोबाइलनंबरपंजीकृतकरें।इनकाउपयोगसीपीपीपोर्टलकेकिसीभीसंचारकेलिएकियाजाएगा। 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. नामांकनकेबाद, बोलीदाताओंकोअपनेप्रोफाइलकेसाथसीसीएंडडिया(जैसेSify / nCode / eMudhraआदि) द्वारामान्यताप्राप्तकिसीभीप्रमाणनप्राधिकरणद्वाराजारीकिएगएवैधडिजिटलहस्ताक्षरप्रमाणपत्र(डीएससी) (मुख्यउपयोगपरहस्ताक्षरकरनेकेसाथकक्षा।।।। प्रमाणपत्र) कोपंजीकृतकरनेकीआवश्यकताहोगी। 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. बोलीदाताद्वाराकेवलएकवैधडीएससीकोपंजीकृतकरनाचाहिए।कृपयाध्यानदेंकिबोलीदातायहसुनिश्चितकरनेकेलिएजिम्मेदारहैंकिवेअपनेडीएससीकोदूसरोंकोउधारनदें, जिससेइसकादुरुपयोगहोसकताहै। 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. बोलीदाता अपनी यूजर आईडी / पासवर्ड और डीएससी / ई-टोकन के पासवर्ड को दर्ज करके सुरक्षित लॉग-इन के माध्यम से साइट पर जा सकता है।
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.

निविदा दस्तावेजों के लिए खोज SEARCHING FOR TENDER DOCUMENTS

- सीपीपी पोर्टल में विभिन्न खोज विकल्प बनाए गए हैं, जिससे बोलीदाताओं को कई मापदंडों द्वारा सक्रिय निविदाएं खोजने में सुविधा हो। इन मापदंडों में टेंडर आईडी, संगठन का नाम, स्थान, दिनांक, मूल्य आदि शामिल हो सकते हैं। निविदाओं के लिए उन्नत खोज का एक विकल्प भी है, जिसमें बोलीदाता सीपीपी पोर्टल पर प्रकाशित निविदा के लिए खोज करने के लिए कई खोज मापदंडों जैसे कि संगठन का नाम, अनुबंध का प्रारूप, स्थान, दिनांक, अन्य कीवर्ड आदि जोड़ सकते हैं।
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.
- एक बार बोलीदाताओं ने उन निविदाओं का चयन कर लिया है जिनमें वे रुचि रखते हैं, वे आवश्यक दस्तावेज / निविदा कार्यक्रम डाउनलोड कर सकते हैं। इन निविदाओं को संबंधित "मडॉर्डर" फोल्डर में ले जाया जा सकता है। यह सीपीपी पोर्टल को एसएमएस / ई-मेल के माध्यम से बोली लगाने वालों को यदि निविदा दस्तावेज में कोई भी शुद्धि पत्र जारी किया गया, सूचित करने में सक्षम करेगा।
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.
- बोलीदाता को प्रत्येक निविदा को सॉपीगई अद्वितीय निविदा आईडी को नोट करना चाहिए, यदि वे हेल्पडेस्क से कोई स्पष्टीकरण / सहायता प्राप्त करना चाहते हैं।
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.

बोली की तैयारी PREPARATION OF BIDS

- बोलीदाता को अपनी बोलियां जमा करने से पहले निविदा दस्तावेज पर प्रकाशित किसी भी शुद्धि पत्र पर विचार करना चाहिए।
Bidder should take into account any corrigendum published on the tender document before submitting their bids.

2. बोलीकेसाथप्रस्तुतकिएजानेवालेआवश्यकदस्तावेजोंकोसमझनेकेलिएकृपयानिविदाविज्ञापन औरनिविदादस्तावेजकोध्यानसेपढ़ें।कृपयाउनकवरोंकीसंख्यापरध्यानदेंजिनमेंबोलीदस्तावेज जमाकरनेहैं, दस्तावेजोंकीसंख्या -
प्रत्येकदस्तावेजकेनामऔरसामग्रीसहितजिन्हेंप्रस्तुतकरनेकीआवश्यकताहै।इनमेंसेकिसीभी विचलनसेबोलीकीअस्वीकृतिहोसकतीहै।

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. बोलीदाताको, पहलेहीनिविदादस्तावेज /
अनुसूचीमेंदर्शाएअनुसारप्रस्तुतकिएजानेवालेबोलीदस्तावेजतैयारकरनाचाहिएऔरआमतौरपर, वेपीडीएफ/एक्सएलएस/आरएआर/डीडब्ल्यूएफ/
जेपीजीप्रारूपोंमेंहोसकतेहैं।बोलीदस्तावेजोंकोकालेऔरसफेदविकल्पकेसाथ100डीपीआईकेसाथ स्कैनकियाजासकताहैजोस्कैनकिएगएदस्तावेजकेआकारकोकमकरनेमेंमददकरताहै।

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. मानकदस्तावेजोंजिनकोप्रत्येकबोलीकेसाथप्रस्तुतकरनेकीआवश्यकताहोतीहै,केएकजैसेसेटको अपलोडकरनेमेंलगनेवालेसमयऔरप्रयाससेबचनेकेलिए, ऐसेमानकदस्तावेजों
(जैसेपैनकार्डप्रति, वार्षिकरिपोर्ट,
लेखापरीक्षाप्रमाणपत्रआदि)कोअपलोडकरनेकाप्रावधानबोलीदाताओंकोप्रदानकियागयाहै।बोली दाताइसतरहकेदस्तावेजअपलोडकरनेकेलिएउनकोउपलब्ध"मेरास्थान"
या'अन्यमहत्वपूर्णदस्तावेज' स्थानकाउपयोगकरसकतेहैं।येदस्तावेजसीधेबोलीलगातेसमय "मेरास्थान" सेप्रस्तुतकियाजासकताहै, औरबार-
बारअपलोडकरनेकीआवश्यकतानहींहै।इससेबोलीप्रस्तुतकरनेकीप्रक्रियाकेलिएआवश्यकसमय मेंकमीआएगी।

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.

नोट: मईडोक्यूमेंडस्थानकेवलअपलोडकरनेकीप्रक्रियाकोआसानबनानेकेलिएबोलीदाताओंकोदियागयाएकसंग्रहस्थानहै।यदिबोलीदातानेमईडोक्यूमेंडस्थानमेंअपनेदस्तावेजअपलोडकिएहैं, तोयहइनदस्तावेजोंकोतकनीकीबोलीकेहिस्सेकेरूपमेंस्वयंमुनिश्चितनहींकरसकताहै।

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.

बोलीकीप्रस्तुतिSUBMISSION OF BIDS

- 1 बोलीदाताकोबोलीजमाकरनेकेलिएपहलेसेसाइटपरलॉगइनकरनाचाहिएताकिवेबोलीसमयपरअपलोडकरसकेंयानिबोलीप्रस्तुतिसमयपरयाउससेपहलेकरसकतेहैं।बोलीदाताअन्यविषयोंकेकारणकिसीभीदेरीकेलिएजिम्मेदारहोगा।

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 बोलीदाताकोडिजिटलीहस्ताक्षरकरनाहोगाऔरआवश्यकबोलीदस्तावेजोंकोएक-एककरकेअपलोडकरनाहोगाजैसाकिनिविदादस्तावेजमेंदर्शायागयाहै।

The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.

- 3 बोलीदाताकोयथालागूनिविदाशुल्क / ईएमडीकेभुगतानकेलिए "ऑफ़लाइन" भुगतानविकल्पकाचयनकरनाहैऔरलिखतकेविवरणदर्जकरनाहै।

Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.

- 4 बोलीदाताकोनिविदादस्तावेजमेंनिर्दिष्टनिर्देशोंकेअनुसारईएमडीतैयारकरनाचाहिए।मूलप्रतिकोबोलीजमाकरनेकीअंतिमतिथितकयानिनिविदादस्तावेजोंमेंनिर्दिष्टअनुसार, डाक/ कूरियरद्वारा /

संबंधितअधिकारीकोव्यक्तिगतरूपसेदियाजानाचाहिए।भौतिकरूपसेभेजेगएडीडी/किसीभीअन्यस्वीकृतलिखतकाविवरण,

स्कैनकीगयीकॉपीमेंउपलब्धविवरणऔरबोलीजमाकरनेकेसमयदर्जकिएगएडेटाकेसाथमेलखानाचाहिए।अन्यथाअपलोडकीगईबोलीअस्वीकारकरदीजाएगी।

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 बोलीदाताओंसेयहनोटकरनेकाअनुरोधहैकिउनकोप्रदानकीगईप्रारूपमेंअपनीवित्तीयबोलियांअवश्यरूपसेप्रस्तुतकरनाचाहिएऔरकोईअन्यप्रारूपस्वीकार्यनहै।यदिनिविदाबोलीकेसाथमूल्यबोलीकोएकमानकबीओक्यू (BoQ)प्रारूपकेरूपमेंदियागयाहै,

तोवहीडाउनलोडकियाजानाहैऔरसभीबोलीदाताओंद्वाराभराजानाहै।बोलीदाताओंकोबीओक्यू (BoQ)फाइलडाउनलोडकरना, उसेखोनाऔरअपनेसंबंधितवित्तीयभावऔरअन्यविवरणों (जैसेबोलीदाताकानाम) केसाथसफेदरंग (असुरक्षित)

स्थानोंकोपूराकरनेकीआवश्यकताहोतीहै।किसीभीअन्यस्थानोंमेंबदलावहींकरनाचाहिए।एकबारविवरणपूराहोजानेकेबाद,

बोलीदाताकोफाइलसेवकरकेनामबदलेबिनाइसेऑनलाइनप्रस्तुतकरनाचाहिए।यदिबीओक्यू (BoQ)फाइलकोबोलीदाताद्वारासंशोधितपायाजाताहै, तोबोलीअस्वीकारकरदीजाएगी।

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 सर्वरसमय (जिसेबोलीदाताओंकेडैशबोर्डपरप्रदर्शितकियाजाताहै) कोबोलीदाताओंद्वाराबोलियांप्रस्तुतकरनेकेलिएसमयसीमाकोसंदर्भितकरने,बोलियांखोलनेआदिकेलिएमानकसमयमानाजाएगा।बोलीप्रस्तुतिकेदौरानबोलीदाताओंकोइससमयकापालनकरनाचाहिए।

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 डेटाकीगोपनीयतासुनिश्चितकरनेकेलिएबोलीदाताओंद्वाराप्रस्तुतकिएजारहेसभीदस्तावेजोंको पीकेआईकूटलेखन (एन्क्रिप्शन)तकनीकोंकाउपयोगकरकेकूट (एन्क्रिप्ट)कियाजाएगा।दर्जकियागयाडेटाअनधिकृतव्यक्तियोंद्वाराबोलीखोलनेकेसमयतकनहींदेखाजासकताहै।बोलियोंकीगोपनीयतासुरक्षितसॉकेटलेयर128बिटएन्क्रिप्शनप्रौद्योगिकीकाउपयोगकरकेबनाएरखीजातीहै।संवेदनशीलक्षेत्रोंकाडेटासंग्रहएन्क्रिप्शनकियाजाताहै।सर्वरपरअपलोडकिएगएकोईभीबोलीदस्तावेजसिस्टमद्वाराजनितसममितकुंजीकाउपयोगकरकेसममितएन्क्रिप्शनकेअधीनहै।इसकेअलावा,इसकुंजीकोक्रेताओं / बोलीखोलनेवालोंकीसार्वजनिककुंजीकाउपयोगकरकेअसममितएन्क्रिप्शनकेअधीनकियाजाताहै।कुलमिलाकर, अपलोडकिएगएनिविदादस्तावेजप्राधिकृतबोलीखोलनेवालोंद्वारानिविदाखोलनेकेबादहीपठनीयहोजातेहैं।

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 अपलोडकिएगएटेंडरदस्तावेजअधिकृतबोलीसलामीबल्लेबाजोंद्वारानिविदाखोलनेकेबादहीपठनीयहोजातेहैं।

The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

- 9 बोलियोंकेसफलऔरसमयपरप्रस्तुतीकरण (यानीपोर्टलमें "फ्रीजबिडसबमिशन" परक्लिककरनेकेबाद),

पोर्टलएकसफलबोलीप्रस्तुतकरनेकासंदेशदेगाऔरबोलीसंख्यातथाअन्यसभीप्रासंगिकविवरणों केसाथबोलीप्रस्तुतकरनेकीतिथिऔरसमयकेसाथएकबोलीसारांशप्रदर्शितकियाजाएगा।

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 बोलीसारांशकाप्रिंटकियाजानाहैऔरबोलीप्रस्तुतकरनेकीपावतीकेरूपमेंरखाजानाहै।इसपावतीका उपयोगकिसीभीबोलीखुलावबैठकोंकेलिएप्रवेशपासकेरूपमेंकियाजासकताहै।

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.

बोलीदाताओंकोसहायता/ASSISTANCE TO BIDDERS

1. निविदादस्तावेजऔरउसमेंनिहितनियमोंऔरशर्तोंसेसंबंधितकिसीभीप्रश्नकोनिविदाकेलिएनिविदाआमंत्रणप्राधिकरणकोयानिविदामेंउल्लेखितसंबंधितसंपर्कव्यक्तिकोसंबोधितकियाजाना चाहिए।

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. ऑनलाइनबोलीप्रस्तुतकरनेकीप्रक्रियासेसंबंधितकोईभीप्रश्नयासामान्यरूपसेसीपीपीपोर्टलसेसंबंधितप्रश्न 24x7 सीपीपीपोर्टलहेल्पडेस्ककोनिर्देशितकिएजासकतेहैं।

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.

Eligibility criteria for participating in the bid.**Offers of bidders who satisfy the following Eligibility Criteria only will be considered .**

- a) Vendor should have adequate technical and commercial capability to supply the materials as per HOCL requirements
- b) Vendors must have executed orders of minimum value of Rs.10.00 Lakhs for similar items in the last 3 financial years.
- c) Vendor should have executed at least one order of minimum value of Rs 2.5 Lakhs for similar items in the last 3 financial years.
- d) Vendor should have upload work order copies of Minimum 3 Nos of Reputed Customers preferably PSUs/Govt.Organisations for similar items
- e) Repeat works order copies or satisfactory performance certificates issued by reputed organizations preferably PSUs for similar items
- f) Reputed Client list
- g) Vendor should submit Balance sheet of 3 Years.

Vendor should provide documentary evidences for all the above along with the Technical Bid.

ईबोलीप्रस्तुतिकेलिएसामान्यनियमऔरशर्तें**GENERAL TERMS AND CONDITIONS FOR E BID SUBMISSION**

Please submit your e-bids conforming to the specifications and the terms and conditions attached as per instructions given below:-

1. HOCL has entered into an Agreement with NIC for e procurement through their portal www.eprocure.gov.in. Quotations shall be submitted online on or before the due date and time of closing the tender.
2. Bids shall be opened electronically on specified date and time given in NIT.
3. 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 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.
4. QUANTITY: Quantity given in the tender is based an estimate on maintenance work and actual quantity on order may vary slightly on either side.
5.
 - a. **DETAILED TECHNICAL SPECIFICATION/CATALOGUE OF THE OFFERED PRODUCT SHOULD BE SUBMITTED ALONG WITH TECHNICAL BID.**
 - b. **COMPLIANCE REPORT AS PER TENDER DOCUMENT TO BE SUBMITTED ALONGWITH TECHNICAL BID.**
 - c. **HYDRAULIC TEST RUN CERTIFICATES, PERFORMANCE CURVES, MATERIAL TEST CERTIFICATE, GUARANTEE CERTIFICATE, SPARE PART LIST, OPERATION MANUAL, AS BUILT DRAWINGS AND FOUNDATION DRAWING TO BE PROVIDED ALONG WITH SUPPLY**
 - d. **DOCUMENTS/DRAWINGS REQUIRED PRIOR TO MANUFACTURER**
6. The bid shall contain as integral part of the same the following compliance statement: "We have read, understood and accepted the terms and conditions of purchase and related documents forming part of this enquiry and agree to supply the goods in compliance with the same."
7. Bidders should carefully study the documents of this enquiry. All terms and conditions set out there in the enquiry shall be binding on the bidders unless conflicting with any terms and conditions expressly stated by HOCL while accepting any bid, in the event of such acceptance.
8. HOCL reserves the right, without assigning any reason whatsoever, to accept or reject any or all bids in part or in full or cancel this enquiry.
9. HOCL reserves the right to extend without giving any reason(s) the closing date/time of the enquiry.
10. Bids shall be valid for a minimum of 60 days from the due date for receipt and opening of the bids.
11. Specification of the Product: Specifications offered product shall be uploaded along with Bid.

12. Payment terms shall be: a) **Within 30 days from the date of receipt and acceptance of material at our site HOCL, Ambalamugal** or b) 90% against dispatch documents through bank and balance within 30 days of receipt and acceptance of materials at HOCL site. In the latter case or any other terms offered, suitable bank charges shall be loaded for price comparison.
13. Delivery period must be clearly mentioned in your offer in the absence of which offer will be treated as on "Ex-stock basis". In case of delayed delivery a penalty of ½% of the price of the goods on arrears per week subject to a maximum of 5% will be levied.
14. Bids shall be submitted online. Tenders submitted other than through online procedure specified will not be accepted. Tenders should be free from overwriting or erasing. Corrections and additions, if any must be attested.
15. As far as possible the rate should be quoted on FOR Destination basis. In case a tenderer does not specify the basis of price or quotes on Ex-works or FOR dispatching station basis, price will be loaded on the following manner.
- I. In case of Ex-works offer and if the firm does not specify the packing & Forwarding Charge, 2% of Ex-Works price will be loaded to arrive at FOR dispatching station price.
 - II. In case of FOR Dispatching station offer, following percentage will be added to arrive FOR destination price as element of estimated freight up to destination.

<u>Approximate distance of dispatching station from site</u>	<u>% for dispatching station price</u>
Above 2001 Km	5%
1501-2000 Km	4%
1001-1500 Km	3%
501-1000 Km	2%
500 Km & below	1%

In case the firm quotes the exact amount of freight & P&F Charges, the same will be added in place of above percentage amount

16. The rate should always be indicated for the unit mentioned in the tender.
17. Prices shall be considered to be firm once the order is placed. If supply is not effected in time, risk purchase shall be carried out at the cost of the tenderer. Tenderer is also liable to be blacklisted in case of default.
18. Tenderer should agree for inspection of material at their site, if desired by HOCL. The inspection may be carried out by the representative of HOCL or by a third party or jointly.
19. The Tenderer must specify their GSTIN No & HSN code of material offered in the BID
20. Successful tenderer shall, if so desired by HOCL, deposit an amount equivalent to 3% of the value of order as security deposit/PBG within 21 days of the order towards

satisfactory execution of the order. No interest will be paid on this amount by HOCL. PBG shall be valid for a period of 1 year from supply.

21. Supplier must extend the benefits to HOCL if there is any subsequent fall in price or if the same materials are offered to any other customer at lower price.
22. HOCL reserves the right to split the order between two or more suppliers and or reject any or all tenders without assigning any reason.
23. Transit Insurance will be arranged by HOCL.
24. Delivery will be as per delivery schedule given by HOCL.
25. Manufacturers test certificate in original or attested, guarantee certificates in original, drawings in original etc. as applicable shall be provided along with the supply.
26. Tenderer may attach necessary catalogues/drawings/detailed specifications of the items wherever required. Also clearly specify the make/model of the item offered.
27. Purchase preferences, EMD/SD Exemption etc for PSUs/SSI units etc will be applicable as per GOI directives from time to time. For this, the tenderer should claim their eligibility along with the supporting documents in their offer itself.
28. Quotations meeting our delivery terms, if any specified, will only be considered.
29. the tenderer is deviating from any of the above terms mentioned, your offer is liable to be rejected.
30. Opening date of tender is **17.05.2022 at 2.00 pm**
31. Material is required urgently. hence vendors may please quote their minimum delivery period.
32. DISPUTES: In the event of a contract being executed, all cases of disputes between seller and buyer shall be settled through arbitration as per Indian arbitration and Conciliation act 1996 or any amendments from time to time. The decision of the arbitration shall be final and binding on both the parties.

COMMERCIAL TERM FORMAT

(To be printed on your letter head& uploaded)

(Please fill up the details mentioned below in your letter head and upload along with your bid)

Name and Address of Organization:

Phone & Fax No:

GSTIN :

E-mail id for correspondence:

Contact Person Name and Mobile No:

Whether registered with MSME/NSIC:

(If so pl. enclose documentary proof)

Payment Term offered.

Terms of delivery offered:

Terms of delivery offered: We require the material on FOR HOCL basis. In case any other terms of delivery is offered, please specify the P&F and Freight charges in the BOQ itself (If not specified in the BOQ, approximate charges as per General Terms clause no. 15 will be added for comparison purpose)

Validity of offer:

Delivery period:

Taxes Applicable:

Certificates provided along with supply.

Deviation in specification if any

Signature and Stamp

(KINDLY FILL THIS SHEET AND SUBMIT IN -COMMERCIAL/TECHNICAL BID)

Name of Bidder:		
Sr. No.	Commercial Clauses	Bidder Confirmation (Please put ✓ in front of your confirmation)
1	Whether bidder (a proprietary concern, Partnership Firm, Company) is currently on holiday list/black list/de-listed or has been put on holiday/blacklisted/de-listed at any PSU/govt. Organization. If so, give details.	<input type="checkbox"/> Yes, We are on holiday List/Black List/De-List <input type="checkbox"/> No
2i	Whether the party is registered under Micro/Small/Medium Enterprises act 2006 (Please furnish the proof)	<input type="checkbox"/> Micro <input type="checkbox"/> Medium <input type="checkbox"/> Small <input type="checkbox"/> No
2-ii	Status of MSE Bidder	<input type="checkbox"/> Manufacturer <input type="checkbox"/> Services <input type="checkbox"/> Not Applicable
2-iii	Whether MSE bidder is offering product manufactured by him/her	<input type="checkbox"/> Yes <input type="checkbox"/> No
3i	All MSE bidders shall register / declare their UAM Number on CPP Portal and copy of this registration / declaration shall be attached with the offer; failing which such bidders will not be able to enjoy benefits as per PP Policy for MSME order, 2012. <u>SSI/MSME/NSIC/UAM /DIC registration certificate</u>	<input type="checkbox"/> Mention UAM Number <input type="checkbox"/> Not Applicable
3-ii	Submitted valid document against clause no 3i	<input type="checkbox"/> Submitted <input type="checkbox"/> Not Applicable
4i	Whether the proprietor of "MSME" enterprise is from SC/ST category (Please attach caste certificate issued by competent authority)	<input type="checkbox"/> Yes <input type="checkbox"/> No
4ii	Whether the proprietor of "MSME" enterprise is woman (i.e. Woman proprietorship, or holding minimum 51% shares in case of Partnership/Private Limited Companies)	<input type="checkbox"/> Yes <input type="checkbox"/> No
4iii	Submitted certificate against clause no 4ii	<input type="checkbox"/> Submitted <input type="checkbox"/> Not Applicable
5	AGREED TO ALL TERMS AND CONDITIONS OF ENQUIRY: It is hereby stated that the quotation/offer submitted is in full compliance with 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. Non-acceptance or deviation to HOCL's standard terms and conditions mentioned in enquiry documents may lead to rejection of offer, no correspondence shall be done for clarifications	<input type="checkbox"/> Agreed <input type="checkbox"/> Not Agreed
DATE:SIGN AND STAMP OF BIDDER		

COMMERCIAL TERM FORMAT-C

(For Purchase Order/ Work Order with estimated value more than FIVE Lakhs)

ANNEXURE TO BE SUBMITTED ALONG WITH THE BID AGAINST TENDER NO _____

(KINDLY FILL AND SUBMIT ALONG WITH COMMERCIAL/TECHNICAL BID)

NAME OF BIDDER:

Sr.No.	COMMERCIAL CLAUSES	BIDDER CONFIRMATION (PLEASE PUT √)
1	Please mention whether you are a Class-I/Class II Local supplier.(Please see the definition given below)	Class I
		Class II
2	Specify the percentage (%) of local content.	_____ %
3	Details of location at which the local value addition is made.	
4	Mention whether the product offered is manufactured in India under a license from a foreign manufacturer who hold intellectual property rights and there is a technology collaboration agreement / Transfer of technology agreement	Yes / No

SELF DECLARATION OF LOCAL CONTENT

We hereby declare that the percentage (%) of local content specified against mentioned against Sr.No.2 is _____%. We also understand that submitting False self-declarations and auditors will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a Bidder or its successors can be debarred for up to Two Years as per the Rule 151 (iii) of the General. Financial Rules along with such other actions as may be permissible under Law.

Definitions

Local Content: - The amount of value added in India(Total value of item procured minus the value of imported content in the item(including all customs duties) as a proportion of total value, in percentage.

Class I Local Supplier: - Supplier or service provider whose goods, services or works offered for procurement has local content equal to or more than 50%.

Class II Local Supplier: - Supplier or service provider whose goods, services or works offered for procurement has local content more than 20% but less than 50 %.

Purchase Preference: -Will be as per the applicable Government order.

DATE

SIGNATURE AND STAMP

CONFIRMATION OF SUBMISSION OF DOCUMENTS

DULY SIGNED AND STAMPED SPECIFICATION DOCUMENT TO BE SUBMITTED ALONG WITH TECHNICAL BID	<input type="checkbox"/> Yes <input type="checkbox"/> No
DULY SIGNED AND STAMPED COMPLIANCE REPORT TO BE SUBMITTED ALONG WITH TECHNICAL BID	
PLEASE CONFIRM SUBMISSION OF DOCUMENTS SATISFYING ELIGIBILITY CRITERIA AS PER ANNEXURE I ALONG WITH TECHNICAL BID	<input type="checkbox"/> Yes <input type="checkbox"/> No
PLEASE CONFIRM SUBMISSION OF HYDRAULIC TEST RUN CERTIFICATES, PERFORMANCE CURVES, MATERIAL TEST CERTIFICATE, GUARANTEE CERTIFICATE, SPARE PART LIST, OPERATION MANUAL, AS BUILT DRAWINGS AND FOUNDATION DRAWING TO BE PROVIDED ALONG WITH SUPPLY	<input type="checkbox"/> Yes <input type="checkbox"/> No



हिंदुस्तानऑर्गेनिककेमिकल्सलिमिटेड HINDUSTAN ORGANIC CHEMICALS LTD
(भारतसरकारकाउद्यम A Government of India Enterprise)
अंबलमुगल,कोची AMBALAMUGAL, COCHIN – 682 302
दूरभाष Phone: (0484) 2720911

M/s.
Dear Sir,

Hindustan Organic Chemicals Ltd. is a Govt. of India Undertaking manufacturing Phenol, Acetone & Hydrogen Peroxide at its plant at Kochi, Kerala, India. HOCL invites GEM Bids for **PROCUREMENT OF RERUN COLUMN BOTTOM PUMP (P-5504 A/B) & OVERHEAD PUMP (P-5505 A/B) PUMP ASSEMBLY**

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

Thanking you,

Yours faithfully,
For Hindustan Organic Chemicals Ltd.

Soumya N.K
Manager(Materials)
Ph No: 04842727464

ANNEXURE I

Eligibility criteria for participating in the bid.

Offers of bidders who satisfy the following Eligibility Criteria only will be considered .

- a) Vendor should have adequate technical and commercial capability to supply the materials as per HOCL requirements
- b) Vendors must have executed orders of minimum value of Rs.10.00 Lakhs for similar items in the last 3 financial years.
- c) Vendor should have executed at least one order of minimum value of Rs 2.5 Lakhs for similar items in the last 3 financial years.
- d) Vendor should have upload work order copies of Minimum 3 Nos of Reputed Customers preferably PSUs/Govt.Organisations for similar items
- e) Repeat works order copies or satisfactory performance certificates issued by reputed organizations preferably PSUs for similar items
- f) Reputed Client list
- g) Vendor should submit Balance sheet of 3 Years.

Vendor should provide documentary evidences for all the above along with the Technical Bid.

GENERAL TERMS AND CONDITIONS FOR E BID SUBMISSION

Please submit your e-bids conforming to the specifications and the terms and conditions attached as per instructions given below:-

1. **DETAILED TECHNICAL SPECIFICATION/CATALOGUE OF THE OFFERED PRODUCT SHOULD BE SUBMITTED ALONG WITH TECHNICAL BID.**
2. **COMPLIANCE REPORT AS PER TENDER DOCUMENT TO BE SUBMITTED ALONGWITH TECHNICAL BID.**
3. **HYDRAULIC TEST RUN CERTIFICATES, PERFORMANCE CURVES, MATERIAL TEST CERTIFICATE, GUARANTEE CERTIFICATE, SPARE PART LIST, OPERATION MANUAL, AS BUILT DRAWINGS AND FOUNDATION DRAWING TO BE PROVIDED ALONG WITH SUPPLY**
4. **DOCUMENTS/DRAWINGS SHOULD BE SUBMITTED FOR APPROVAL PRIOR TO MANUFACTURE**
5. The bid shall contain as integral part of the same the following compliance statement: "We have read, understood and accepted the terms and conditions of purchase and related documents forming part of this enquiry and agree to supply the goods in compliance with the same."
6. Bidders should carefully study the documents of this enquiry. All terms and conditions set out there in the enquiry shall be binding on the bidders unless conflicting with any terms and conditions expressly stated by HOCL while accepting any bid, in the event of such acceptance.
7. Bids shall be valid for a minimum of 60 days from the due date for receipt and opening of the bids.
8. Specification of the Product: Specifications offered product shall be uploaded along with technical bid
9. Payment terms shall be: GeM standard Payment terms.
10. Tenderer should agree for inspection of material at their site, if desired by HOCL. The inspection may be carried out by the representative of HOCL or by a third party or jointly.
11. The Tenderer must specify their GSTIN No& HSN code of material offered in the BID
12. The successful tenderer shall, if so desired by HOCL, deposit an amount equivalent to 3% of the value of order as security deposit within 21 days of the order towards satisfactory execution of the order. No interest will be paid on this amount by HOCL
13. Delivery will be as per delivery schedule given by HOCL in the BOQ.
14. Manufacturers test certificate in original or attested, guarantee certificates in original, drawings in original etc. as applicable shall be provided along with the supply.
15. Tenderer may attach necessary catalogues/drawings/detailed specifications of the items wherever required. Also clearly specify the make/model of the item offered.
16. Purchase preferences, EMD/SD Exemption etc for PSUs/SSI units etc will be applicable as per GOI directives from time to time. For this, the tenderer should claim their eligibility along with the supporting documents in their offer itself.

COMMERCIAL TERM FORMAT

Name of Bidder:		
Sr.No.	Commercial Clauses	Bidder Confirmation(Please put V in front of your confirmation)
1	Name and Address of Organization	
2	Mobile No & Email Id for Correspondence	
3	Whether bidder (a proprietary concern, Partnership Firm, Company) is currently on holiday list/black list/de-listed or has been put on holiday/blacklisted/de-listed at any PSU/govt. Organization. If so, give details.	<input type="checkbox"/> Yes, We are on holiday List/Black List/De-List <input type="checkbox"/> No
4i	Whether the party is registered under Micro/Small/Medium Enterprises act 2006 (Please furnish the proof)	<input type="checkbox"/> Micro <input type="checkbox"/> Medium <input type="checkbox"/> Small <input type="checkbox"/> No
4-ii	Status of MSE Bidder	<input type="checkbox"/> Manufacturer <input type="checkbox"/> Services <input type="checkbox"/> Not Applicable
4-iii	Whether MSE bidder is offering product manufactured by him/her	<input type="checkbox"/> Yes <input type="checkbox"/> No
5i	All MSE bidders shall register / declare their UAM Number on CPP Portal and copy of this registration / declaration shall be attached with the offer; failing which such bidders will not be able to enjoy benefits as per PP Policy for MSME order, 2012. <u>SSI/MSME/NSIC/UAM /DIC registration certificate</u>	<input type="checkbox"/> Mention UAM Number <input type="checkbox"/> Not Applicable
5-ii	Submitted valid document against clause no 3i	<input type="checkbox"/> Submitted <input type="checkbox"/> Not Applicable
6i	Whether the proprietor of "MSME" enterprise is from SC/ST category (Please attach caste certificate issued by competent authority)	<input type="checkbox"/> Yes <input type="checkbox"/> No
6ii	Whether the proprietor of "MSME" enterprise is woman (i.e. Woman proprietorship, or holding minimum 51% shares in case of Partnership/Private Limited Companies)	<input type="checkbox"/> Yes <input type="checkbox"/> No
6iil	Submitted certificate against clause no 4ii	<input type="checkbox"/> Submitted <input type="checkbox"/> Not Applicable
7	AGREED TO ALL TERMS AND CONDITIONS OF ENQUIRY: It is hereby stated that the quotation/offer submitted is in full compliance with 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. Non-acceptance or deviation to HOCL's standard terms and conditions mentioned in enquiry documents may lead to rejection of offer, no correspondence shall be done for clarifications	<input type="checkbox"/> Agreed <input type="checkbox"/> Not Agreed
DATE:SIGN AND STAMP OF BIDDER		

अनुबंध ANNEXURE III B

COMMERCIAL TERM FORMAT-C

(For Purchase Order/ Work Order with estimated value more than FIVE Lakhs)

ANNEXURE TO BE SUBMITTED ALONG WITH THE BID AGAINST TENDER NO _____

(KINDLY FILL AND SUBMIT ALONG WITH COMMERCIAL/TECHNICAL BID)

NAME OF BIDDER:

Sr.No.	COMMERCIAL CLAUSES	BIDDER CONFIRMATION (PLEASE PUT ✓)
1	Please mention whether you are a Class-I/Class II Local supplier.(Please see the definition given below)	Class I
		Class II
2	Specify the percentage (%) of local content.	_____ %
3	Details of location at which the local value addition is made.	
4	Mention whether the product offered is manufactured in India under a license from a foreign manufacturer who hold intellectual property rights and there is a technology collaboration agreement / Transfer of technology agreement	Yes / No

SELF DECLARATION OF LOCAL CONTENT

We hereby declare that the percentage (%) of local content specified against mentioned against Sr.No.2 is _____%. We also understand that submitting False self-declarations and auditors will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a Bidder or its successors can be debarred for up to Two Years as per the Rule 151 (iii) of the General. Financial Rules along with such other actions as may be permissible under Law.

Definitions

Local Content: - The amount of value added in India(Total value of item procured minus the value of imported content in the item(including all customs duties) as a proportion of total value, in percentage.

Class I Local Supplier: - Supplier or service provider whose goods, services or works offered for procurement has local content equal to or more than 50%.

Class II Local Supplier: - Supplier or service provider whose goods, services or works offered for procurement has local content more than 20% but less than 50 %.

Purchase Preference: -Will be as per the applicable Government order.

DATE

SIGNATURE AND STAMP

ANNEXURE IV

CONFIRMATION OF SUBMISSION OF DOCUMENTS

DULY SIGNED AND STAMPED SPECIFICATION DOCUMENT TO BE SUBMITTED ALONG WITH TECHNICAL BID	<input type="checkbox"/> Yes <input type="checkbox"/> No
DULY SIGNED AND STAMPED COMPLIANCE REPORT TO BE SUBMITTED ALONG WITH TECHNICAL BID	
PLEASE CONFIRM SUBMISSION OF DOCUMENTS SATISFYING ELIGIBILITY CRITERIA AS PER ANNEXURE I ALONG WITH TECHNICAL BID	<input type="checkbox"/> Yes <input type="checkbox"/> No
PLEASE CONFIRM SUBMISSION OF HYDRAULIC TEST RUN CERTIFICATES, PERFORMANCE CURVES, MATERIAL TEST CERTIFICATE, GUARANTEE CERTIFICATE, SPARE PART LIST, OPERATION MANUAL, AS BUILT DRAWINGS AND FOUNDATION DRAWING TO BE PROVIDED ALONG WITH SUPPLY	<input type="checkbox"/> Yes <input type="checkbox"/> No

Bid Document

Bid Details	
Bid End Date/Time	17-05-2022 14:00:00
Bid Opening Date/Time	17-05-2022 14:30:00
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Chemicals And Fertilizers
Department Name	Department Of Chemicals And Petrochemicals
Organisation Name	Hindustan Organic Chemicals Limited
Office Name	Ambalamugal,ernakulam
Total Quantity	2
Item Category	RERUN COLUMN BOTTOM PUMP , RERUN COLUMN OVERHEAD PUMP
BOQ Title	PROCUREMENT OF PUMP ASSEMBLY OF RERUN COLUMN BOTTOM PUMP AND RERUN COLUMN OVERHEAD PUMP
Years of Past Experience Required for same/similar service	3 Year (s)
MSE Exemption for Years Of Experience	Yes
Startup Exemption for Years Of Experience	Yes
Document required from seller	Experience Criteria,Past Performance,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC),Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	80 %
Bid to RA enabled	No
Primary product category	RERUN COLUMN BOTTOM PUMP
Time allowed for Technical Clarifications during technical evaluation	2 Days
Evaluation Method	Item wise evaluation

EMD Detail

Required	No
----------	----

ePBG Detail

Required	No
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(a). The EMD % will be applicable for each schedule/group selected during Bid creation.

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	Yes
-------------------------	-----

1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
4. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
5. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be

given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

6. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

7. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Evaluation Method (Item Wise Evaluation Method)

Contract will be awarded schedulewise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

Evaluation Schedules	Item/Category	Quantity
Schedule 1	Rerun Column Bottom Pump	1
Schedule 2	Rerun Column Overhead Pump	1

RERUN COLUMN BOTTOM PUMP

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Unbranded
------------	-----------

Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Soumya N K	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	1	30

RERUN COLUMN OVERHEAD PUMP

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Unbranded
------------	-----------

Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Soumya N K	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	1	30

Buyer Added Bid Specific Terms and Conditions

1. Generic

After award of contract - Successful Bidder shall have to get Detailed Design Drawings approved from buyer before starting fabrication. Successful Bidder shall submit Detailed Design Drawings for Buyer's approval, within 7 days of award of contract. Buyer shall, either approve the drawings or will provide complete list of modification required in the drawings within 7 days. Seller shall be required to ensure supply as per approved Drawings with modifications as communicated by Buyer. If there is delay from buyer side in approval of drawing- the delivery period shall be refixed without LD for the period of delay in approval of Drawing.

2. Generic

Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

3. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

4. Generic

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

- a. Copy of PAN Card.
- b. Copy of GSTIN.
- c. Copy of Cancelled Cheque.
- d. Copy of EFT Mandate duly certified by Bank.

5. Generic

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

6. Generic

Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for 3 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.

7. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

8. Generic

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

9. Generic

1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.

10. Generic

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- i) The Seller fails to comply with any material term of the Contract.
- ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- iv) The Seller becomes bankrupt or goes into liquidation.
- v) The Seller makes a general assignment for the benefit of creditors.
- vi) A receiver is appointed for any substantial property owned by the Seller.
- vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

11. Generic

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

12. **Generic**

Upload Manufacturer authorization: Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.

13. **Scope of Supply**

Scope of supply (Bid price to include all cost components) : Only supply of Goods

14. **Purchase Preference (Centre)**

Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 25% of total value.

15. **Purchase Preference (Centre)**

Purchase Preference linked with Local Content (PP-LC) Policy:

The bid clause regarding "Preference to Make In India products" stands modified in this bid and shall be governed by the PPLC Policy No. FP-20013/2/2017-FP-PNG dated 17.11.2020 issued by MoP&NG as amended up to date. Accordingly, bidders with Local Content less than or equal to 20% will be treated as "Non Local Supplier". The prescribed LC shall be applicable on the date of Bid opening. Sanctions on the bidders for false / wrong declaration or not fulfilling the Local Content requirement shall be as per the PPLC policy. Further following additional provisions are added in the certification and verification of local content provision of the Preference to Make in India clause:

- i. In case of foreign bidder, certificate from the statutory auditor or cost auditor of their own office or subsidiary in India giving the percentage of local content is also acceptable. In case office or subsidiary in India does not exist or Indian office/subsidiary is not required to appoint statutory auditor or cost auditor, certificate from practicing cost accountant or practicing chartered accountant giving the percentage of local content is also acceptable.
- ii. Along with Each Invoice: The local content certificate (issued by statutory auditor on behalf of procuring company) shall be submitted along with each invoice raised. However, the % of local content may vary with each invoice while maintaining the overall % of local content for the total work/purchase of the pro-rata local content requirement. In case, it is not satisfied cumulatively in the invoices raised up to that stage, the supplier shall indicate how the local content requirement would be met in the subsequent stages.
- iii. The bidder shall submit an undertaking from the authorized signatory of bidder having the Power of Attorney along with the bid stating the bidder meets the mandatory minimum LC requirement and such undertaking shall become a part of the contract.

16. **Certificates**

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

17. **Certificates**

Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.

18. Certificates

The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.

19. Certificates

To be eligible for award of contract, Bidder / OEM must possess following Certificates / Test Reports on the date of bid opening (to be uploaded with bid): 1. DETAILED TECHNICAL SPECIFICATION/CATALOGUE OF THE OFFERED PRODUCT SHOULD BE SUBMITTED ALONG WITH TECHNICAL BID. 2. COMPLIANCE REPORT AS PER TENDER DOCUMENT TO BE SUBMITTED ALONGWITH TECHNICAL BID. 3. HYDRAULIC TEST RUN CERTIFICATES, PERFORMANCE CURVES, MATERIAL TEST CERTIFICATE, GUARANTEE CERTIFICATE, SPARE PART LIST, OPERATION MANUAL, AS BUILT DRAWINGS AND FOUNDATION DRAWING TO BE PROVIDED ALONG WITH SUPPLY 4. DOCUMENTS/DRAWINGS SHOULD BE SUBMITTED FOR APPROVAL PRIOR TO MANUFACTURE.

20. Past Project Experience

For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:

- a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
- b. Execution certificate by client with order value.
- c. Any other document in support of order execution like Third Party Inspection release note, etc.

21. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

- 1. DETAILED TECHNICAL SPECIFICATION/CATALOGUE OF THE OFFERED PRODUCT SHOULD BE SUBMITTED ALONG WITH TECHNICAL BID.**
- 2. COMPLIANCE REPORT AS PER TENDER DOCUMENT TO BE SUBMITTED ALONGWITH TECHNICAL BID.**
- 3. HYDRAULIC TEST RUN CERTIFICATES, PERFORMANCE CURVES, MATERIAL TEST CERTIFICATE, GUARANTEE CERTIFICATE, SPARE PART LIST, OPERATION MANUAL, AS BUILT DRAWINGS AND FOUNDATION DRAWING TO BE PROVIDED ALONG WITH SUPPLY**
- 4. DOCUMENTS/DRAWINGS SHOULD BE SUBMITTED FOR APPROVAL PRIOR TO MANUFACTURE**

22. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid.

Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---



HINDUSTAN ORGANIC CHEMICALS LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)
AMBALAMUGAL, ERNAKULAM DISTRICT, PIN – 682 302
PHONE: (0484) 2720911

Item Number	Item Description	Quantity (NO)
1	RERUN COLUMN BOTTOM PUMP (P-5504) - BARE PUMP ASSEMBLY AS PER THE ENCLOSED SPECIFICATION SHEET. PUMP ASSEMBLY SHOULD CONSISTS OF BEARING, BEARING HOUSING, CASING,SHAFT, IMPELLER, IMPELLER NUT, SLEEVE, WEAR RINGS , COUPLING, GUARDS, BASEPLATE, GLAND PACKING, MATING FLANGES FOR SUCTION AND DISCHARGE LINES,FRAME(NE112M) etc. WITHOUT MOTOR.	1

NOTE:

- a. DETAILED TECHNICAL SPECIFICATION/CATALOGUE OF THE OFFERED PRODUCT SHOULD BE SUBMITTED ALONG WITH TECHNICAL BID
- b. COMPLIANCE REPORT AS PER TENDER DOCUMENT TO BE SUBMITTED ALONGWITH TECHNICAL BID.
- c. HYDRAULIC TEST RUN CERTIFICATES, PERFORMANCE CURVES, MATERIAL TEST CERTIFICATE, GUARANTEE CERTIFICATE, SPARE PART LIST, OPERATION MANUAL, AS BUILT DRAWINGS AND FOUNDATION DRAWING TO BE PROVIDED ALONG WITH SUPPLY
- d. DOCUMENTS /DRAWINGS SHOULD BE SUBMITTED FOR APPROVAL PRIOR TO MANUFACTURE

OPERATING CONDITIONS (P 5504 A&B - RERUN COLUMN BOTTOM PUMP) - JACKETED TYPE		
LIQUID: HYDRO CARBON		
ANALYSIS		
SPECIFIC GRAVITY: 0.906	VAPOUR PRESSURE: :1.74 KG/CM2 A	VISCOSITY: 4.08 Cp
TEMPERATURE: 298 °C	PH VALUE	
CAPACITY MAXIMUM : 3.4 M3/HR	NORMAL: 0.5 M3/HR	MINIMUM
SUCTION PRESSURE: 0.89 KG/CM2 G (3.7 MAX)	DISCHARGE PRESSURE: 4.13KG/CM2 G	
DIFFERENTIAL PRESSURE: 3.24 KG/CM2 G(35.8 MLC)	MINIMUM AVAILABLE NPSH: 1.8 M	
COOLING WATER AVAILABLE: PRESSURE; 4.5KG/CM2 G, TEMP: 32 °C		
SEAL INJECTION WATER AVAILABLE	PRESSURE	TEMP
NUMBER WORKING: ONE	NUMBER STAND BY: ONE	
SPECIFICATIONS		
<u>PUMP SPECIFICATIONS</u>	<u>MOTOR SPECIFICATIONS</u>	
SAFE MIN FLOW:	ABSORBED SHAFT HP AT NORMAL FLOW : EFFICIENCY:	
PUMP TYPE: HORIZONTAL CENTRIFUGAL - JACKETED TYPE	ABSORBED SHAFT HP AT MAX. FLOW :	
NPSH(REQD) : NPSH(AV) : 1.8 M	KW: 3.7	MOTOR SPEED: 2900 RPM
PUMP SHUT OFF PRESSURE	CONNECTION : DELTA ; POWER SUPPLY : 415V, 3PH, 50HZ , MOTOR CONNECTION: DIRECT ONLINE	
ROTATION (FACING PUMP COUPLING): CW	FRAME SIZE : NE112M	INSULATION CLASS : CLASS B
IMPELLER TYPE: CLOSED	DUTY : S1 (CONTINUOUS)	PROTECTION CLASS : FLP (FLAMEPROOF)
IMPELLER DIA MIN : MAX : DESIGN:	MOUNTING : HORIZONTAL FOOT MOUNTING (B3)	
SPEED : 2900 RPM	GAS GROUP : IIB	TEMPERATURE CLASS : T3
CASING SPLIT: RADIAL	DRIVE: ELECTRIC MOTOR DIRECT COUPLED	
SHAFT SEAL TYPE: DOUBLE SEAL- MECHANICAL	INGRESS PROTECTION : IP54	
SUCTION NON BORE: 40	CABLE GLAND THREAD SIZE :	
SUCTION FLANGE STD:ANSI B 16.5 CL 300 RF	MOTOR CABLE SIZE : 3Cx10 sq.mm Aluminium (Maximum size of motor which can connected 3Cx10 sq.mm aluminium cable is 5.5 KW)	
DELIVERY NOM BORE: 32	COUPLING TYPE: GEAR OR FLEXIBLE DISC OR SPACER COUPLING	
DELIVERY FLANGE STD: ANSI B 16.5 CL 300 RF	COUPLING GUARD: NON SPARKING	
HYD.TEST PRESSURE:	LUBRICATION OF PUMP BEARINGS OIL	
BASE PLATE TYPE; MS FABRICATED		



HINDUSTAN ORGANIC CHEMICALS LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)
AMBALAMUGAL, ERNAKULAM DISTRICT, PIN – 682 302
PHONE: (0484) 2720911

Item Number	Item Description	Quantity (NO)
1	RERUN COLUMN OVERHEAD PUMP (P-5505) - BARE PUMP ASSEMBLY AS PER THE ENCLOSED SPECIFICATION SHEET. PUMP ASSEMBLY SHOULD CONSISTS OF BEARING, BEARING HOUSING, CASING,SHAFT, IMPELLER, IMPELLER NUT, SLEEVE, WEAR RINGS , COUPLING, GUARDS, BASEPLATE, GLAND PACKING, MATING FLANGES FOR SUCTION AND DISCHARGE LINES,FRAME(NE112M) etc. WITHOUT MOTOR.	1

NOTE:

- a. DETAILED TECHNICAL SPECIFICATION/CATALOGUE OF THE OFFERED PRODUCT SHOULD BE SUBMITTED ALONG WITH TECHNICAL BID
- b. COMPLIANCE REPORT AS PER TENDER DOCUMENT TO BE SUBMITTED ALONGWITH TECHNICAL BID.
- c. HYDRAULIC TEST RUN CERTIFICATES, PERFORMANCE CURVES, MATERIAL TEST CERTIFICATE, GUARANTEE CERTIFICATE, SPARE PART LIST, OPERATION MANUAL, AS BUILT DRAWINGS AND FOUNDATION DRAWING TO BE PROVIDED ALONG WITH SUPPLY
- d. DOCUMENTS /DRAWINGS SHOULD BE SUBMITTED FOR APPROVAL PRIOR TO MANUFACTURE

OPERATING CONDITIONS (P 5505 A&B - RERUN COLUMN OVERHEAD PUMP)		
LIQUID: HYDRO CARBON		
ANALYSIS		
SPECIFIC GRAVITY: 0.793	VAPOUR PRESSURE: 1.24 KG/CM2 AB	VISCOSITY - 0.187
TEMPERATURE: 119-137 °C	PH VALUE	
CAPACITY MAXIMUM : 3.8 M3/HR	NORMAL: 3 M3/HR	MINIMUM
SUCTION PRESSURE: 0.56 KG/CM2 G	DISCHARGE PRESSURE: 5 KG/CM2 G	
DIFFERENTIAL PRESSURE: 4.44 KG/CM2 G(55.98 MLC)	MINIMUM AVAILABLE NPSH: 1.8 M	
COOLING WATER AVAILABLE: PRESSURE: 4.5KG/CM2 G, TEMP: 32 °C		
SEAL INJECTION WATER AVAILABLE	PRESSURE	TEMP
NUMBER WORKING: ONE	NUMBER STAND BY: ONE	
SPECIFICATIONS		
<u>PUMP SPECIFICATIONS</u>	<u>MOTOR SPECIFICATIONS</u>	
SAFE MIN FLOW:		
PUMP TYPE: HORIZONTAL CENTRIFUGAL	ABSORBED SHAFT HP AT MAX. FLOW :	
NPSH(REQD) : NPSH(AV) : 1.8 M	KW: 3.7	MOTOR SPEED: 2900 RPM
PUMP SHUT OFF PRESSURE	CONNECTION : DELTA ; POWER SUPPLY : 415V, 3PH, 50HZ , MOTOR CONNECTION: DIRECT ONLINE	
ROTATION (FACING PUMP COUPLING): CW	FRAME SIZE : NE112M	INSULATION CLASS : CLASS B
IMPELLER TYPE: CLOSED	DUTY : S1 (CONTINUOUS)	PROTECTION CLASS : FLP (FLAMEPROOF)
IMPELLER DIA MIN : MAX : DESIGN:	MOUNTING : HORIZONTAL FOOT MOUNTING (B3)	
SPEED : 2900 RPM	GAS GROUP : IIB	TEMPERATURE CLASS : T3
CASING SPLIT: RADIAL	DRIVE: ELECTRIC MOTOR DIRECT COUPLED	
SHAFT SEAL TYPE: SINGLE MECHANICAL	INGRESS PROTECTION : IP54	
SUCTION NON BORE: 50	CABLE GLAND THREAD SIZE :	
SUCTION FLANGE STD:ANSI B 16.5 CL 300 RF	MOTOR CABLE SIZE : 3Cx10 sq.mm Aluminium (Maximum size of motor which can connected 3Cx10 sq.mm aluminium cable is 5.5 KW)	
DELIVERY NON BORE: 40	COUPLING TYPE: GEAR OR FLEXIBLE DISC OR SPACER COUPLING	
DELIVERY FLANGE STD: ANSI B 16.5 CL 300 RF	COUPLING GUARD: NON SPARKING	
HYD.TEST PRESSURE:	LUBRICATION OF PUMP BEARINGS OIL	
BASE PLATE TYPE; MS FABRICATED		

OPERATING CONDITIONS (P 5505 A&B - RERUN COLUMN OVERHEAD PUMP)	
MATERIALS AND STANDARDS OF CONSTRUCTION	
CASING: SS 316	MECH. SEAL FACES: RECOMMEND
SHAFT : SS 316	MECH. SEAL METAL PARTS - 316 SS
IMPELLER: SS 316	SEAL SHAFT PACKING :RECOMMEND
SHAFT SLEEVES: SS 316	STUFFING BOX :
CASING WEAR RINGS : SS 316	OTHER COMPONENTS IN CONTACT WITH LIQUID : SS 316
IMPELLER WEAR RINGS : SS 316	GLAND THROTTLE BUSHING-BRONZE
THROAT BUSHING : SS 316	GLAND (V) VENT (Q)QUENCH (D)DRAIN - Q & D
API STD. PUMP	API COOLING WATER PIPING PLAN: D
INSPECTION CODE	
STANDARD : API STD.	
REMARKS	
1. ALL WETTED PARTS SHOULD BE IN SS316	
2. ALL OTHER PARTS SHOULD BE IN CS	
3. REQUIRED NO.OF DRAWINGS AND DATA SHEETS REF. 4 SETS	
	SERVICE: RERURN COLUMN OVER HEAD PUMP
	EQUIPMENT REF NO : P 5505 A
	SPEC NO
<div style="display: flex; justify-content: space-between; margin-top: 20px;"> MANAGER(TSS/PROJ.) DGM(MECH/PROJ./CLRP) GM(F&S/PROJ.) </div>	

OPERATING CONDITIONS (P 5504 A&B - RERUN COLUMN BOTTOM PUMP) - JACKETED TYPE			
SI No.	Description	HOCL Requirement (Minimum)	Compliance
Design conditions & Operating conditions			
1	Liquid	Hydro Carbon	
2	Specific Gravity	0.906	
3	Vapour Pressure	1.74 KG/CM2 A	
4	Viscosity	4.08 Cp	
5	Temperature	298 °C	
6	Capacity Maximum	3.4 M3/HR	
7	Capacity Normal	0.5 M3/HR	
8	Suction Pressure	0.89 KG/CM2 G (3.7 Max.)	
9	Discharge Pressure	4.13KG/CM2 G	
10	Differential Pressure	3.24 KG/CM2 G(35.8 MLC)	
11	Minimum Available Npsh	1.8M	
12	Cooling Water Pressure	4.5KG/CM2 G	
13	Cooling Water Temperature	32 °C	
14	Seal Injection Water Available	–	
15	Pump in Working	ONE	
16	Safe Minimum Flow		
17	Pump Type	Horizontal centrifugal - Jacketed type	
18	Npsh(Available)	1.8 M	
19	Npsh(Required)		
20	Pump Shut Off Pressure		
21	Rotation (Facing Pump Coupling)	CW	
22	Impeller Type	Closed	
23	Impeller Dia - Minimum	–	
24	Impeller Dia - Maximum	–	
25	Speed	2900 RPM	
26	Casing Split	Radial	
27	Shaft Seal Type	Double seal - Mechanical	
28	Hyd.Test Pressure	–	
29	Base Plate Type	MS fabricated	
Nozzle Connections			
1	Suction Nozzle Flange Size	40	
2	Suction Flange Standard	ANSI B 16.5 CL 300 RF	
3	Discharge Nozzle Flange Size	32	
4	Discharge Flange Standard	ANSI B 16.5 CL 300 RF	
Existing Motor Specifications			
1	Power	3.7 KW	
2	Motor Speed	2900 RPM	
3	Connection	DELTA	
4	Power Supply	415V, 3PH, 50HZ	
5	Motor Connection	DIRECT ONLINE	
6	Frame Size	NE112M	
7	Insulation Class	CLASS B	
8	Duty	S1 (CONTINUOUS)	
9	Protection Class	FLP (FLAMEPROOF)	

OPERATING CONDITIONS (P 5504 A&B - RERUN COLUMN BOTTOM PUMP) - JACKETED TYPE			
SI No.	Description	HOCL Requirement (Minimum)	Compliance
10	Mounting	HORIZONTAL FOOT MOUNTING (B3)	
11	Gas Group	IIB	
12	Temperature Class	T3	
13	Drive	ELECTRIC MOTOR DIRECT COUPLED	
14	Ingress Protection	IP54	
15	Motor Cable Size	3Cx10 sq.mm Aluminium (Maximum size of motor which can connected 3Cx10 sq.mm aluminium cable is 5.5	
16	Coupling Type	GEAR OR FLEXIBLE DISC OR SPACER COUPLING	
17	Coupling Guard	NON SPARKING	
18	Lubrication of Pump Bearings	Oil	
Materials and Standards of Construction			
1	Casing	SS 316	
2	Shaft	SS 316	
3	Impeller	SS 316	
4	Shaft Sleeves	SS 316	
5	Casing Wear Rings	SS 316	
6	Impeller Wear Rings	SS 316	
7	Throat Bushing	SS 316	
8	Api Seal Flush Plan	22 WITH TI	
9	Inspection Code		
10	Standard	API STD.	
11	Mech. Seal Faces	Recommend	
12	Mech. Seal Metal Parts	SS 316	
13	Seal Shaft Packing	Recommend	
14	Stuffing Box		
15	Other Components In Contact With	SS 316	
16	Gland Throttle Bushing	Bronze	
17	Gland (V) Vent (Q)Quench (D)Drain	Steam Quench	
18	Api Cooling Water Piping Plan	L	
Remarks			
1	All wetted parts should be in SS316		
2	All other parts should be in CS		
3	Required No. of Drawings and Data sheets Ref.	4 Sets	

OPERATING CONDITIONS (P 5505 A&B - RERUN COLUMN OVERHEAD PUMP)			
SI No.	Description	HOCL Requirement (Minimum)	Compliance
Design conditions & Operating conditions			
1	Liquid	Hydro Carbon	
2	Specific Gravity	0.793	
3	Vapour Pressure	1.24 KG/CM2 AB	
4	Viscosity	0.187	
5	Temperature	119-137 °C	
6	Capacity Maximum	3.8 M3/HR	
7	Capacity Normal	3 M3/HR	
8	Suction Pressure	0.56 KG/CM2 G	
9	Discharge Pressure	5 KG/CM2 G	
10	Differential Pressure	4.44 KG/CM2 G(55.98 MLC)	
11	Minimum Available Npsh	1.8 M	
12	Cooling Water Pressure	4.5KG/CM2 G	
13	Cooling Water Temperature	32 °C	
14	Seal Injection Water Available	-	
15	Pump in working	One Number	
16	Safe Min Flow	-	
17	Pump Type	HORIZONTAL CENTRIFUGAL	
18	Npsh (Available)	1.8 M	
19	Npsh (Required)	-	
20	Pump Shut Off Pressure	-	
21	Rotation (Facing Pump Coupling)	CW	
22	Impeller Type	CLOSED	
23	Impeller Dia Minimum		
24	Impeller Dia Maximum		
25	Speed	2900 RPM	
26	Casing Split	RADIAL	
27	Shaft Seal Type	SINGLE MECHANICAL	
28	Hyd.Test Pressure	-	
29	Base Plate Type	MS Fabricated	
Nozzle Connections			
1	Suction Nozzle Flange Size	50	
2	Suction Flange Standard	ANSI B 16.5 CL 300 RF	
3	Discharge Nozzle Flange Size	40	
4	Discharge Flange Standard	ANSI B 16.5 CL 300 RF	
Existing Motor Specifications			
1	Power	3.7 KW	
2	Motor Speed	2900 RPM	
3	Connection	DELTA	
4	Power Supply	415V, 3PH, 50HZ ,	
5	Motor Connection	DIRECT ONLINE	
6	Frame Size	NE112M	
7	Insulation Class	CLASS B	
8	Duty	S1 (CONTINUOUS)	
9	Protection Class	FLP (FLAMEPROOF)	

OPERATING CONDITIONS (P 5505 A&B - RERUN COLUMN OVERHEAD PUMP)			
SI No.	Description	HOCL Requirement (Minimum)	Compliance
10	Mounting	HORIZONTAL FOOT MOUNTING (B3)	
11	Gas Group	IIB	
12	Temperature Class	T3	
13	Drive	ELECTRIC MOTOR DIRECT COUPLED	
14	Ingress Protection	IP54	
15	Motor Cable Size	3Cx10 sq.mm Aluminium (Maximum size of motor which can connected 3Cx10 sq.mm aluminium cable is 5.5 KW)	
16	Coupling Type	GEAR OR FLEXIBLE DISC OR SPACER COUPLING	
17	Coupling Guard	NON SPARKING	
18	Lubrication of Pump Bearings	Oil	
Materials and Standards of Construction			
1	Casing	SS 316	
2	Shaft	SS 316	
3	Impeller	SS 316	
4	Shaft Sleeves	SS 316	
5	Casing Wear Rings	SS 316	
6	Impeller Wear Rings	SS 316	
7	Throat Bushing	SS 316	
8	Inspection Code		
9	Standard	API STD.	
10	Mech. Seal Faces	RECOMMEND	
11	Mech. Seal Metal Parts	SS 316	
12	Seal Shaft Packing	RECOMMEND	
13	Stuffing Box		
14	Other Components In Contact With	SS 316	
15	Gland Throttle Bushing	Bronze	
16	Gland (V) Vent (Q)Quench (D)Drain	Q & D	
17	API Cooling Water Piping Plan	D	
Remarks			
1	All Wetted Parts Should Be In SS316		
2	All Other Parts Should Be In CS		
3	Required No.Of Drawings And Data	4 SETS	