



हिंदुस्तान ऑर्गेनिक केमिकल्स लिमिटेड HINDUSTAN ORGANIC CHEMICALS LTD

(भारत सरकार का उद्यम A Government of India Enterprise)

अंबलमुगल, कोची AMBALAMUGAL, COCHIN – 682 302

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

LIMITED E- TENDER NOTICE

HOCL Invites e Bids under single bid system for the supply of following item.

Item description: CS & SS Valves as per specification sheet attached

एचओसीएल निविदा संदर्भ सं: HOCL Tender Ref No: MAT/PUR/32933/22

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 सौम्या एन.के

Manager(Materials) प्रबंधक(सामग्री)



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सामग्री MAT/क्रय PUR/32933/22

11.07.2022

सर्वश्री M/s.

प्रिय महोदय 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 e tenders **for CS & SS Valves**. Detailed specification is given in the specification sheet.

निविदा दस्तावेज़ एचओसीएल निम्न वेबसाइटों में अपलोड किया गया है।

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

निविदा के विवरण अनुक्रमणिका के अनुसार संलग्न है

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

आप अपना प्रस्ताव देय तिथि और नियत समय के पहले ऑनलाइन द्वारा प्रस्तुत करें।

You may submit your offer online before the due date and time specified

निविदा की अंतिम तिथि Closing Date of Tender : 01.08.2022 at 2.00 pm

निविदा खोलने की तिथि Opening Date of Tender : 02.08.2022 at 2.00 pm

धन्यवाद Thanking you,

भवदीय Yours faithfully,

कृते हिंदुस्तान ऑर्गेनिक केमिकल्स लिमिटेड

For Hindustan Organic Chemicals Ltd.

SOUMYA N.K

MANAGER (MATERIALS)

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ऑनलाइन प्रस्तुतीकरण के लिए अनुदेश Instructions for Online Submission

बोलीदाताओं को अपनी बोलियों की सॉफ्ट प्रतियाँ मान्य डिजिटल सिग्नेचर सर्टिफिकेट का उपयोग करके सीपीपी पोर्टल पर इलेक्ट्रॉनिक माध्यम से जमा करनी है। नीचे दिए गए निर्देश सीपीपी पोर्टल पर पंजीकरण करने में बोली लगाने वालों की सहायता करने, उनकी बोलियों को आवश्यकताओं के अनुसार तैयार करने और अपनी बोलियों को सीपीपी पोर्टल पर ऑनलाइन जमा करने के लिए हैं।

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.

सीपीपी पोर्टल पर ऑनलाइन बोलियां प्रस्तुत करने के लिए उपयोगी जानकारी:

<https://eprocure.gov.in/eprocure/app> पर प्राप्त की जा सकती है।

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

पंजीकरण REGISTRATION

1. बोलीदाताओं को सीपीपी पोर्टल पर "ऑनलाइन बोली नामांकन" लिंक पर क्लिक करके केंद्रीय सार्वजनिक खरीद पोर्टल के ई-प्रोक्योरमेंट मॉड्यूल (URL: <https://eprocure.gov.in/eprocure/app>) पर नामांकन करना आवश्यक है जो निः शुल्क है।

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. नामांकन प्रक्रिया के भाग के रूप में, बोलीदाताओं को एक विशिष्ट उपयोगकर्ता नाम चुनना होगा और उनके खातों के लिए एक पासवर्ड निर्दिष्ट करना होगा।

As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

3. बोलीदाताओं को सलाह दी जाती है कि वे पंजीकरण प्रक्रिया के रूप में अपना वैध ईमेल पता और मोबाइल नंबर पंजीकृत करें। इनका उपयोग सीपीपी पोर्टल के किसी भी संचार के लिए किया जाएगा।

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. नामांकन के बाद, बोलीदाताओं को अपने प्रोफाइल के साथ सीसीए इंडिया (जैसे Sify / nCode / eMudhra आदि) द्वारा मान्यता प्राप्त किसी भी प्रमाणन प्राधिकरण द्वारा जारी किए गए वैध डिजिटल हस्ताक्षर प्रमाणपत्र (डीएससी) (मुख्य उपयोग पर हस्ताक्षर करने के साथ कक्षा III प्रमाण पत्र) को पंजीकृत करने की आवश्यकता होगी।

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. बोलीदाता द्वारा केवल एक वैध डीएससी को पंजीकृत करना चाहिए। कृपया ध्यान दें कि बोलीदाता यह सुनिश्चित करने के लिए जिम्मेदार हैं कि वे अपने डीएससी को दूसरों को उधार न दें, जिससे इसका दुरुपयोग हो सकता है।

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 तब 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

1. 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.

2. 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 "मई टेंडर" फ़ोल्डर 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 शुद्धिपत्र 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.

3. बोलीदाता को प्रत्येक निविदा को सौंपी गई 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

1. बोलीदाता को अपनी बोलियां जमा करने से पहले निविदा दस्तावेज पर प्रकाशित किसी भी शुद्धिपत्र पर विचार करना चाहिए।

Bidder should take into account any corrigendum published on the tender document before submitting their bids.

2. बोली के साथ प्रस्तुत किए जाने वाले आवश्यक दस्तावेजों को समझने के लिए कृपया निविदा विज्ञापन और निविदा दस्तावेज को ध्यान से पढ़ें। कृपया उन कवरों की संख्या पर ध्यान दें जिनमें बोली दस्तावेज जमा करने हैं, दस्तावेजों की संख्या - प्रत्येक दस्तावेज के नाम और सामग्री सहित जिन्हें प्रस्तुत करने की आवश्यकता है। इनमें से किसी भी विचलन से बोली की अस्वीकृति हो सकती है।

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. बोलीदाता को, पहले ही निविदा दस्तावेज / अनुसूची में दर्शाए अनुसार प्रस्तुत किए जाने वाले बोली दस्तावेज तैयार करना चाहिए और आम तौर पर, वे पीडीएफ/एक्सएलएस/आरएआर/डीडब्ल्यूएफ/ जेपीजी प्रारूपों में हो सकते हैं। बोली दस्तावेजों को काले और सफेद विकल्प के साथ 100 डीपीआई के साथ स्कैन किया जा सकता है जो स्कैन किए गए दस्तावेज के आकार को कम करने में मदद करता है।

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. मानक दस्तावेजों जिनको प्रत्येक बोली के साथ प्रस्तुत करने की आवश्यकता होती है, के एक जैसे सेट को अपलोड करने में लगने वाले समय और प्रयास से बचने के लिए, ऐसे मानक दस्तावेजों (जैसे पैन कार्ड प्रति, वार्षिक रिपोर्ट, लेखा परीक्षा प्रमाण पत्र आदि) को अपलोड करने का प्रावधान बोलीदाताओं को प्रदान किया गया है। बोलीदाता इस तरह के दस्तावेज अपलोड करने के लिए उनको उपलब्ध "मेरा स्थान" या 'अन्य महत्वपूर्ण दस्तावेज' स्थान का उपयोग कर सकते हैं। ये दस्तावेज सीधे बोली लगाते समय "मेरा स्थान" से प्रस्तुत किया जा सकता है, और बार-बार अपलोड करने की आवश्यकता नहीं है। इससे बोली प्रस्तुत करने की प्रक्रिया के लिए आवश्यक समय में कमी आएगी।

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: मई डॉक्यूमेंट स्थान केवल अपलोड करने की प्रक्रिया को आसान बनाने के लिए बोलीदाताओं को दिया गया एक संग्रह स्थान है। यदि बोलीदाता ने मई डॉक्यूमेंट स्थान में अपने दस्तावेज अपलोड किए हैं, तो यह इन दस्तावेजों को तकनीकी बोली के हिस्से के रूप में स्वयं सुनिश्चित नहीं कर सकता है।

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.

बोली की प्रस्तुति SUBMISSION OF BIDS

- 1 बोलीदाता को बोली जमा करने के लिए पहले से साइट पर लॉग इन करना चाहिए ताकि वे बोली समय पर अपलोड कर सकें यानि बोली प्रस्तुति समय पर या उससे पहले कर सकते हैं। बोलीदाता अन्य विषयों के कारण किसी भी देरी के लिए जिम्मेदार होगा।

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 बोलीदाता को डिजिटली हस्ताक्षर करना होगा और आवश्यक बोली दस्तावेजों को एक-एक करके अपलोड करना होगा जैसा कि निविदा दस्तावेज में दर्शाया गया है।

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

- 3 बोलीदाता को यथा लागू निविदा शुल्क / ईएमडी के भुगतान के लिए "ऑफलाइन" भुगतान विकल्प का चयन करना है और लिखत के विवरण दर्ज करना है।

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

- 4 बोलीदाता को निविदा दस्तावेज में निर्दिष्ट निर्देशों के अनुसार ईएमडी तैयार करना चाहिए। मूल प्रति को बोली जमा करने की अंतिम तिथि तक या निविदा दस्तावेजों में निर्दिष्ट अनुसार, डाक/ कूरियर द्वारा / संबंधित अधिकारी को व्यक्तिगत रूप से दिया जाना चाहिए। भौतिक रूप से भेजे गए डीडी/किसी भी अन्य स्वीकृत लिखत का विवरण, स्कैन की गयी कॉपी में उपलब्ध विवरण और बोली जमा करने के समय दर्ज किए गए डेटा के साथ मेल खाना चाहिए। अन्यथा अपलोड की गई बोली अस्वीकार कर दी जाएगी।

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 बोलीदाताओं से यह नोट करने का अनुरोध है कि उनको प्रदान की गई प्रारूप में अपनी वित्तीय बोलियां अवश्य रूप से प्रस्तुत करना चाहिए और कोई अन्य प्रारूप स्वीकार्य न है। यदि निविदा बोली के साथ मूल्य बोली को एक मानक बीओक्यू (BoQ) प्रारूप के रूप में दिया गया है, तो वही डाउनलोड किया जाना है और सभी बोलीदाताओं द्वारा भरा जाना है। बोलीदाताओं को बीओक्यू

(BoQ) फ़ाइल डाउनलोड करना, उसे खोना और अपने संबंधित वित्तीय भाव और अन्य विवरणों (जैसे बोलीदाता का नाम) के साथ सफेद रंग (असुरक्षित) स्थानों को पूरा करने की आवश्यकता होती है। किसी भी अन्य स्थानों में बदलाव नहीं करना चाहिए। एक बार विवरण पूरा हो जाने के बाद, बोलीदाता को फ़ाइल सेव करके नाम बदले बिना इसे ऑनलाइन प्रस्तुत करना चाहिए। यदि बीओक्यू (BoQ) फ़ाइल को बोलीदाता द्वारा संशोधित पाया जाता है, तो बोली अस्वीकार कर दी जाएगी।

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 सर्वर समय (जिसे बोलीदाताओं के डैशबोर्ड पर प्रदर्शित किया जाता है) को बोलीदाताओं द्वारा बोलियां प्रस्तुत करने के लिए समय सीमा को संदर्भित करने, बोलियां खोलने आदि के लिए मानक समय माना जाएगा। बोली प्रस्तुति के दौरान बोलीदाताओं को इस समय का पालन करना चाहिए।

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 डेटा की गोपनीयता सुनिश्चित करने के लिए बोलीदाताओं द्वारा प्रस्तुत किए जा रहे सभी दस्तावेजों को पीकेआई कूटलेखन (एन्क्रिप्शन) तकनीकों का उपयोग करके कूट (एन्क्रिप्ट) किया जाएगा। दर्ज किया गया डेटा अनधिकृत व्यक्तियों द्वारा बोली खोलने के समय तक नहीं देखा जा सकता है। बोलियों की गोपनीयता सुरक्षित सॉकेट लेयर 128 बिट एन्क्रिप्शन प्रौद्योगिकी का उपयोग करके बनाए रखी जाती है। संवेदनशील क्षेत्रों का डेटा संग्रह एन्क्रिप्शन किया जाता है। सर्वर पर अपलोड किए गए कोई भी बोली दस्तावेज़ सिस्टम द्वारा जनित सममित कुंजी का उपयोग करके सममित एन्क्रिप्शन के अधीन है। इसके अलावा, इस कुंजी को क्रेताओं / बोली खोलने वालों की सार्वजनिक कुंजी का उपयोग करके असममित एन्क्रिप्शन के अधीन किया जाता है। कुल मिलाकर, अपलोड किए गए निविदा दस्तावेज़ प्राधिकृत बोली खोलनेवालों द्वारा निविदा खोलने के बाद ही पठनीय हो जाते हैं।

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 अपलोड किए गए टेंडर दस्तावेज अधिकृत बोली सलामी बल्लेबाजों द्वारा निविदा खोलने के बाद ही पठनीय हो जाते हैं।

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

- 9 बोलियों के सफल और समय पर प्रस्तुतीकरण (यानी पोर्टल में "फ्रीज बिड सबमिशन" पर क्लिक करने के बाद), पोर्टल एक सफल बोली प्रस्तुत करने का संदेश देगा और बोली संख्या तथा अन्य सभी प्रासंगिक विवरणों के साथ बोली प्रस्तुत करने की तिथि और समय के साथ एक बोली सारांश प्रदर्शित किया जाएगा।

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 बोली सारांश का प्रिंट किया जाना है और बोली प्रस्तुत करने की पावती के रूप में रखा जाना है। इस पावती का उपयोग किसी भी बोली खुलाव बैठकों के लिए प्रवेश पास के रूप में किया जा सकता है।

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.

बोलीदाताओं को सहायता ASSISTANCE TO BIDDERS

1. निविदा दस्तावेज और उसमें निहित नियमों और शर्तों से संबंधित किसी भी प्रश्न को निविदा के लिए निविदा आमंत्रण प्राधिकरण को या निविदा में उल्लेखित संबंधित संपर्क व्यक्ति को संबोधित किया जाना 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. ऑनलाइन बोली प्रस्तुत करने की प्रक्रिया से संबंधित कोई भी प्रश्न या सामान्य रूप से सीपीपी पोर्टल से संबंधित प्रश्न 24x7 सीपीपी पोर्टल हेल्पडेस्क को निर्देशित किए जा सकते हैं।

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.

ई बोली प्रस्तुति के लिए सामान्य नियम और शर्तें
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 .
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. **ALL CERTIFICATES AS PER QAP INCLUDING MATERIAL TEST CERTIFICATES, GUARANTEE CERTIFICATES, HYDRAULIC TEST CERTIFICATES AND IIIRD PARTY INSPECTION CERTIFICATES SHOULD BE PROVIDED ALONG WITH SUPPLY.**
 - b. **DOCUMENTS/DRAWINGS SHOULD BE SUBMITTED FOR APPROVAL PRIOR TO MANUFACTURE**
6. **Third Party Inspection** : Please note that third Party Inspection will be applicable in this procurement. Third Party inspection is required for 100% quantity. Our approved third party and their details are as under.

M/S. Bureau Veritas (India) Pvt. Ltd,
Jomer Symphony, D/No. 48/1744C39
Unit 5, 6th Floor, Ponnurunni North
Vyttila P.O, Kerala – 682019.

CONTACT PERSONS

- 1) **MR. Peter Praveen**, Executive
PHONE : +91 9895111743/53
MOB : +91 9895005639,
E MAIL : peter.praveen@bureauveritas.com

Materials will have to be inspected at the vendor's works prior to despatch and shall be despatched only after the inspection & approval by the TPI. However the Inspection charges to the Third Party shall be borne by HOCL as per HOCL's agreement with the Third Party.

7. 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."
8. 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.
9. 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.
10. HOCL reserves the right to extend without giving any reason(s) the closing date/time of the enquiry.
11. Bids shall be valid for a minimum of 60 days from the due date for receipt and opening of the bids.
12. Specification of the Product: Specifications offered product shall be uploaded along with Bid.
13. 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.
14. 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.
15. 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.
16. 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.

Approximate distance of dispatching station from site

% for dispatching station price

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

17. The rate should always be indicated for the unit mentioned in the tender.
18. 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.
19. 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.
20. The Tenderer must specify their GSTIN No& HSN code of material offered in the BID
21. 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.
22. 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.
23. HOCL reserves the right to split the order between two or more suppliers and or reject any or all tenders without assigning any reason.
24. Transit Insurance will be arranged by HOCL.
25. Delivery will be as per delivery schedule given by HOCL.
26. Manufacturers test certificate in original or attested, guarantee certificates in original, drawings in original etc. as applicable shall be provided along with the supply.
27. Tenderer may attach necessary catalogues/drawings/detailed specifications of the items wherever required. Also clearly specify the make/model of the item offered.
28. 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.
29. Quotations meeting our delivery terms, if any specified, will only be considered.
30. If the tenderer is deviating from any of the above terms mentioned, your offer is liable to be rejected.

31. Opening date of tender is 02.08.2022 at 2.00 pm

32. Material is required urgently. Hence vendors may please quote their minimum delivery period.
33. 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.
34. Restriction on procurement from Bidder who shares the land border with India
- a) Any bidder from a country which shares a land border with India will be eligible to bid, only if the bidder is registered with the Department for promotion of Industry and Internal Trade (DPIIT). (Pl. refer office Memorandum no. 6/18/2019-PPD dated 23rd July 2020) Such bidders should submit the valid copy of registration certificate along with tender. However the said requirement of registration will not be applicable to bidders from those country to which Govt. of India has extended lines of credit or in which Govt. of India is engaged in development of projects. Bidders may appraise themselves of the updated lists of such countries available in the website of Ministry of External Affairs.
- b) All Bidders shall furnish compliance certificate with respect to above clause as per the format in Annexure V along with the bid

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 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. 16 will be added for comparison purpose)

Validity of offer:

Delivery period:

Taxes Applicable:

Certificates provided along with supply. (Please put a tick mark)

Guarantee certificates	Yes/No
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Material Test certificates	Yes/No
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Hydro Test certificates	Yes/No
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Third party inspection certificates	Yes/No
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Deviation in specification if any

Signature and Stamp

अनबंध ANNEXURE III - B

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

Name of Bidder:		
Sr. No.	Commercial Clauses	Bidder Confirmation (Please put v 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
4iil	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

BID SECURITY DECLARATION

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

I/We.....hereby declare that:

- 1.** I will not revoke the tender within the stipulated period/ validity period OR increase the quoted rates.
- 2.** I will commence the work on receipt of Purchase Order.
- 3.** I will not withdraw or amend the tender or impair or derogate from the tender in any respect within the period of validity of the tender.
- 4.** I will furnish the required performance security within the specified period.

NAME AND ADDRESS OF THE BIDDER

PLACE:

DATE:

SIGNATURE AND STAMP OF THE BIDDER

REF : TENDER/RFQ No.: MAT/PUR/32933/22 dtd.11.07.2022

COMPLIANCE TO CLAUSE W.R.T MANADATORY REGISTRATION OF VENDORS FROM COUNTRIES SHARING LAND BORDER WITH INDIA,WITH DPIIT

Date:

TO WHOMSOEVER IT MAY CONCERNS

"I have read The clause titled restrictions on procurement from a bidder of a country which shares a land border with India.

I certify that M/s.....(Name Bidder) is not from such a country

Or .

I hereby certify that M/s.....(name of Bidder) is from a country which shares land boarder with India and fulfills all requirements in this regard and is eligible to be considered. Enclosed herewith Valid Registration Certificate

Or

I hereby certify that M/s..... (Name of Bidder) is from such a country which shares land border with India , however the said requirement of registration will not be applicable to bidders as Govt. of India has extended lines of credit or in which Govt. of India is engaged in development of projects. Enclosed herewith documentary evidence in this regards

We confirm that if it is established that we have provided any false information in pursuance to above clause, while competing for this contract then our Bid shall be rejected.

We further confirms that, if it is established that we have not complied with terms of aforesaid clause, during execution of contract, this would be a sufficient ground for immediate termination of the contract as per tender provision and shall be dealt accordingly

Name of the Bidder

Stamp & Signature of the Bidder



HINDUSTAN ORGANIC CHEMICALS LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)
AMBALAMUGAL, ERNAKULAM DISTRICT, PIN – 682 302
PHONE: (0484) 2720911, FAX No. (0484) 2720893

Item Number	Item Description	Item Quantity	Unit of Measure
1	CS GATE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE CS GATE VALVE 1 1/2 X150# [40MM X 150#]	2	NOS
2	CS GATE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE CS GATE VALVE 3 X150# [80MM X 150#]	2	NOS
3	CS GLOBE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE CS GLOBE VALVE 2 X300# [50MM X 300#]	2	NOS
4	CS GLOBE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE CS GLOBE VALVE 3 X 150# [80MM X 150#]	1	NOS
5	CS CHECK VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED CS CHECK VALVE 1 1/2 X 300# [40MM X 300#]	4	NOS
6	CS CHECK VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED CS CHECK VALVE 1 1/2 X 800# [40MM X 800#]	2	NOS
7	CS CHECK VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED CS CHECK VALVE 2 X 150# [50MM X 150#]	1	NOS
8	CS CHECK VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED CS CHECK VALVE 4 X 150# [100MM X 150#]	1	NOS
9	SS GATE VALVEAS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE SS GATE VALVE 2 X 150# [50MM X 150#]	1	NOS
10	SS GATE VALVEAS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE SS GATE VALVE 2 X 300# [50MM X 300#]	1	NOS
11	SS GATE VALVEAS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE SS GATE VALVE 3 X 150# [80MM X 150#]	2	NOS
12	SS GATE VALVEAS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE SS GATE VALVE 4 X 150# [100MM X 150#]	2	NOS

NOTE:

- ALL CERTIFICATES AS PER QAP INCLUDING MATERIAL TEST CERTIFICATES, GUARANTEE CERTIFICATES, HYDRO TEST CERTIFICATES AND IIIRD PARTY INSPECTION CERTIFICATES SHOULD BE PROVIDED ALONG WITH SUPPLY.
- DOCUMENTS/DRAWINGS SHOULD BE SUBMITTED FOR APPROVAL PRIOR TO MANUFACTURE
- THIRD PARTY INSPECTION : PLEASE NOTE THAT THIRD PARTY INSPECTION WILL BE APPLICABLE IN THIS PROCUREMENT. THIRD PARTY INSPECTION IS REQUIRED FOR 100% QUANTITY. OUR APPROVED THIRD PARTY AND THEIR DETAILS ARE AS UNDER.

M/S. BUREAU VERITAS (INDIA) PVT. LTD,
JOMER SYMPHONY, D/NO. 48/1744C39
UNIT 5, 6TH FLOOR, PONNURUNNI NORTH
VYTTILA P.O, KERALA – 682019.

CONTACT PERSONS

- 1) MR. **PETER PRAVEEN**, EXECUTIVE
PHONE : **+91 9895111743/53**
MOB : **+91 9895005639**,
E MAIL : **PETER.PRAVEEN@BUREAUVERITAS.COM**

MATERIALS WILL HAVE TO BE INSPECTED AT THE VENDOR'S WORKS PRIOR TO DESPATCH AND SHALL BE DESPATCHED ONLY AFTER THE INSPECTION & APPROVAL BY THE TPI. HOWEVER THE INSPECTION CHARGES TO THE THIRD PARTY SHALL BE BORNE BY HOCL AS PER HOCL'S AGREEMENT WITH THE THIRD PARTY.



**HINDUSTAN ORGANIC CHEMICALS LIMITED
AMBALAMUGAL**

QUALITY ASSURANCE PLAN (QAP)

P.O. No. :		QAP No. HOC/QAP/Valves		P = Perform by		1. Third Party Inspection	
Description : GATE / GLOBE / CHECK VALVES		Revision :		W= Witness by		2. Supplier	
Inspection by :		Date :		R= Review by		3. HOCL	
				IR - Internal Review			

Sl.No.	Components & Operation	Characteristics	Classification	Type of Check	Quantum of Check	Reference Documents / Acceptance Norms	Format of Records	Agency			Remarks	
								P	W	R		
1.0	RAW MATERIALS											
1.1	Forging	1	Dimensional	Critical	Marking / Measurement	100%	Supplier Drawing	Internal Q.C.	2	-	-	
		2	Surface Defects	Major	Visual examination	100%	MSS SP 55	Internal Q.C.	2	-	-	
		3	Chemical & Physical Properties	Major	Analysis, Tensile	100%	Relevant ASTM Specification	Foundry Q.C.	-	-	2, 1	
1.2	Bars	1	Dimensions	Major	Measurement	100%	Supplier Drawing	I.R.	2	-	-	
		2	Chemical composition	Major	Chem. Analysis	100%	Relevant Specification	LAB T.C.	2	-	2, 1	
1.3	Fasteners	1	Dimensions	Major	Measurement	Random	Supplier Drawing	MFGS T.C.	2	-	-	
		2	Chemical & Physical Heat Treatment	Major	Analysis & Test	1 / Lot	Relevant ASTM Specification	MFGS T.C.	2	-	2, 1	
1.4	Gaskets	1	Dimensions	Major	Measurement	Random	Supplier Drawing	MFGS T.C.	2	-	-	
		2	Chemical	Major	Analysis	Random	Relevant ASTM Specification	MFGS T.C.	2	-	2, 1	
2.0	IN PROCESS INSPECTION											
2.1.	Casting / Forging (Body & Bonnet)	1	Dimensions	Major	Measurement	Random	Supplier drawing / Data sheet	I.R.	2	-	1	
		2	Surface quality of machining	Major	Visual examination	Random	-	I.R.	2	-	1	



HINDUSTAN ORGANIC CHEMICALS LIMITED AMBALAMUGAL

QUALITY ASSURANCE PLAN (QAP)

P.O. No. :		QAP No. HOC/QAP/Valves		P = Perform by		1. Third Party Inspection	
Description : GATE / GLOBE / CHECK VALVES		Revision :		W= Witness by		2. Supplier	
Inspection by :		Date :		R= Review by		3. HOCL	
				IR - Internal Review			

Sl.No.	Components & Operation	Characteristics	Classification	Type of Check	Quantum of Check	Reference Documents / Acceptance Norms	Format of Records	Agency			Remarks
								P	W	R	
2.2	Trim	1 Dimensional	Major	Measurement	Random	Supplier drawing / Data sheet	I.R.	2	-	1	Wherever applicable
		2 Surface quality of hard facing	Major	DPT / Hardness	100% / 10%	ANSI B 16.34 as per P.O.	I.R.	2	-	1	
2.3	Assembly	1 Components	Critical	Visual examination	Random	Relevant specification / Drawing	I.R.	2	-	1	
		2 Smooth Operation	Critical	Performance	100%	-	I.R.	2	-	-	
		3 Dimensions	Critical	Measurement	100%	Relevant specification / Drawing	I.R.	2	-	-	
3.0	FINAL INSPECTION										
3.1	Pressure testing	1 Shell test	Critical	Hydrostatic	100% 10% BY TPI	API 598 / BS 6755 P - I RELEVANT drawing	I.R.	2	1, 2	1	# Applicable for Gate & Globe valves
		2 Back seat #	Critical	Hydrostatic				2	1, 2	1	
		3 Seat test #	Critical	Hydrostatic				2	1, 2	1	
		4 Pneumatic seat closure test	Critical	Pneumatic				2	1, 2	1	
4.0	FINAL INSPECTION (TPI)										
4.1	Assembly	1 Smooth Operation	Critical	Performance	Random / as per P.O.	-	I.R.	2	-	1	
		2 Dimension / visual	Critical	Measurement / visual	Random / as per P.O.	Supplier Drawing	I.R.	2	-	1	
4.2	Pressure testing	1 Shell test	Critical	Hydrostatic	Random 10% BY TPI	API 598 / BS 6755 P - I relevant drawing	I.R.	1, 2	1	1	
		2 Back seat #	Critical	Hydrostatic				1, 2	1	1	
		3 Seat test #	Critical	Hydrostatic				1, 2	1	1	
		4 Pneumatic seat closure test	Critical	Pneumatic				1, 2	1	1	



**HINDUSTAN ORGANIC CHEMICALS LIMITED
AMBALAMUGAL**

QUALITY ASSURANCE PLAN (QAP)

P.O. No. :		QAP No. HOC/QAP/Valves		P = Perform by		1. Third Party Inspection	
Description : GATE / GLOBE / CHECK VALVES		Revision :		W= Witness by		2. Supplier	
Inspection by :		Date :		R= Review by		3. HOCL	
				IR - Internal Review			

Sl.No.	Components & Operation	Characteristics	Classification	Type of Check	Quantum of Check	Reference Documents / Acceptance Norms	Format of Records	Agency			Remarks
								P	W	R	
4.3	Documents	1 Review of works TC and material TC as per P.O.	Critical	Verification	100%	P.O., PR, Data Sheet	Supplier test certificate	1, 2	-	1	
4.4	Stamping	1 HEAT No./TPI STAMP shall be hard stamped on valve Tag No., Sl.No., Client / TPI stamp	Critical	Visual examination	100%	-	Manufacture test certificate	2	1	-	
		2 Valve Sl.No., Tag No. Size/rating/ Manufacturers name on metal sheet to be tagged/fixed on hand wheel									
4.5	Final Clearance (Insp.)	1 Verification of documents and issue of inspection clearance note	Critical	Verification	100%	P.O., PR, Data Sheet	Supplier test certificate / IRN TPI	1, 2	-	1, 3	
5.0	DESPATCH										
5.1.	Marking & Painting	1 Visual	Critical	Visual	100%	As P.O. / Specification sheet	I.R.	2	-	-	

Signature & Stamp of the tenderer



HINDUSTAN ORGANIC CHEMICALS LIMITED


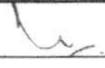

(A Government of India Enterprise)

C.S. GATE VALVE DATA SHEET (FLANGED)

	1	Tag No.	PHE/VDS/CS-GV/FL
	2	Rating	150 #
	3	Size	1 1/2", 3"
	4	Boiler Code Material	NO
	5	End to End Dimension	B 16.10
	6	Design Code	API 600
CONSTRUCTION FEATURES	7	Stem	RISING OUTSIDE SCREW & YOKE
	8	Ends	FLANGED, B 16.5 (RAISED FACE, 125 AARH, SERRATED FINISH)
	9	Bonnet	BOLTED
	10	Disc	FLEXIBLE WEDGE
	11	Seat	RENEWABLE
	12	Bonnet Gasket	SS 316 SPIRAL WOUND GRAPHITE FILLED
	13	Corrosion Inhibitor	NIL
	14	Port Opening	FULL PORT
	15	By-Pass	NO
	16	Drain	NO
MATERIALS	17	Operation	HAND WHEEL
	18	Body & Bonnet	ASTM A 216 WCB
	19	Disc	ASTM A 182 Gr F6 / ASTM A 216 WCB + 410
	20	Stem	ASTM A 182 Gr F6 / ASTM A 479-410
	21	Body Seat Ring & Back Seat	ASTM A 182 Gr F6 / ASTM A 105 + 410
	22	Hard Facing	BOTH SEAT & DISC - STELLITE-6
	23	Bolts & Nuts	ASTM A 193 B7/A 194 2H
	24	Outside Coating	ANTI CORROSIVE AL. PAINT
TESTING	25	Packing	100% GRAPHITE
	26	Radiography	NIL
	27	Inspection	III PARTY (APPROVED BY HOCL)
	28	Testing	AS PER API 598
Prepared by:			
Checked by:			
Approved by:			

Note: VENDOR SHALL OFFER VALVES STRICTLY AS PER SPECIFICATIONS. DEVIATIONS, IF ANY SHALL BE EXPLICITLY HIGHLIGHTED BY VENDOR CONFIRMING THAT THE DEVIATIONS OFFERED ARE EQUAL OR BETTER THAN WHAT HAVE BEEN SPECIFIED.

Item no ④

 HINDUSTAN ORGANIC CHEMICALS LIMITED (A Government of India Enterprise) CS GLOBE VALVE DATA SHEET (FLANGED)			
CONSTRUCTION FEATURES	1	Tag No.	PHE/CS-GBV/PL
	2	Rating	150 #
	3	Size	3"
	4	Boiler Code Material	NO
	5	End to End Dimension	B 16.10
	6	Design Code	BS:1873
	7	Body Pattern	TEE
	8	Ends	FLANGED, RAISED FACE & SERRATED FINISH 125AARH Drilling B.16.5
	9	Stem	RISING OUTSIDE SCREW & YOKE
	10	Bonnet	BOLTED
	11	Disc	PLUG
	12	Seat	RENEWABLE
	13	Operation	HAND WHEEL
	14	Port Opening	STANDARD BORE
	15	Corrosion Inhibitor	NO
MATERIALS	16	By-Pass	As per requirement
	17	Drain	NO
	18	Body	ASTM A 216 WCB
	19	Disc	ASTM A 182 Gr F6 / ASTM A 216 WCB + AISI 410
	20	Stem	ASTM A 182 Gr F6 / ASTM A 479-410
	21	Bonnet Gasket	SS 316 SPIRAL WOUND GRAPHITE FILLED
	22	Body Seat	ASTM A 182 Gr F6 / ASTM A 216 WCB / A 105 + 410
	23	Hard Facing	BOTH SEAT & DISC - STELLITE-6
	24	Packing	100% GRAPHITE TAPE
	25	Bolts & Nuts	ASTM A193 B7/194 2H
	26	Outside Coating	ANTI CORROSIVE AL. PAINT
TESTING	27	Radiography	NIL
	28	Inspection	III PARTY (APPROVED BY HOCL)
	29	Testing	AS PER API 598
Prepared by:			
Checked by:			
Approved by:			

Note: VENDOR SHALL OFFER VALVES STRICTLY AS PER SPECIFICATIONS. DEVIATIONS, IF ANY SHALL BE EXPLICITLY HIGHLIGHTED BY VENDOR CONFIRMING THAT THE DEVIATIONS OFFERED ARE EQUAL OR BETTER THAN WHAT HAVE BEEN SPECIFIED.



HINDUSTAN ORGANIC CHEMICALS LIMITED

(A Government of India Enterprise)

CS GLOBE VALVE DATA SHEET (FLANGED)

CONSTRUCTION FEATURES	1	Tag No.	PHE/CS-GBV/PL
	2	Rating	300#
	3	Size	2"
	4	Boiler Code Material	NO
	5	End to End Dimension	B 16.10
	6	Design Code	BS:1873
	7	Body Pattern	TEE
	8	Ends	FLANGED, RAISED FACE & SERRATED FINISH 125AARH Drilling B.16.5
	9	Stem	RISING OUTSIDE SCREW & YOKE
	10	Bonnet	BOLTED
	11	Disc	PLUG
	12	Seat	RENEWABLE
	13	Operation	HAND WHEEL
	14	Port Opening	STANDARD BORE
MATERIALS	15	Corrosion Inhibitor	NO
	16	By-Pass	As per requirement
	17	Drain	NO
	18	Body	ASTM A 216 WCB
	19	Disc	ASTM A 182 Gr F6 / ASTM A 216 WCB + AISI 410
	20	Stem	ASTM A 182 Gr F6 / ASTM A 479-410
	21	Bonnet Gasket	SS 316 SPIRAL WOUND GRAPHITE FILLED
	22	Body Seat	ASTM A 182 Gr F6 / ASTM A 216 WCB / A 105 + 410
	23	Hard Facing	BOTH SEAT & DISC - STELLITE-6
	24	Packing	100% GRAPHITE TAPE
	25	Bolts & Nuts	ASTM A193 B7/194 2H
TESTING	26	Outside Coating	ANTI CORROSIVE AL. PAINT
	27	Radiography	NIL
	28	Inspection	III PARTY (APPROVED BY HOCL)
	29	Testing	AS PER API 598



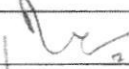

Prepared by:

Checked by:

Approved by:


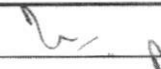
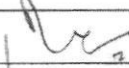

Note: VENDOR SHALL OFFER VALVES STRICTLY AS PER SPECIFICATIONS. DEVIATIONS, IF ANY SHALL BE EXPLICITLY HIGHLIGHTED BY VENDOR CONFIRMING THAT THE DEVIATIONS OFFERED ARE EQUAL OR BETTER THAN WHAT HAVE BEEN SPECIFIED.

item no. ⑦⑧

 HINDUSTAN ORGANIC CHEMICALS LIMITED (A Government of India Enterprise) C.S. CHECK VALVE DATA SHEET - (FLANGED)			
CONSTRUCTION FEATURES	1	Tag No.	PHE/VDS/CS-CH/FL
	2	Rating	150 #
	3	Size	2", 4"
	4	Boiler Code Material	NO
	5	End to End Dimension	B 16.10
	6	Design Code	BS 1868
	7	Body Pattern	TEE
	8	Type	SWING
	9	Flow pattern	HORIZONTAL
	10	Ends	RAISED FACE & SERRATED FINISH 125 AARH FLANGED, B.16.5
	11	Cover	BOLTED
	12	Port Opening	STANDARD BORE
	13	Hinge Pin Mounting	SWING CHECK
	14	Body Seat Ring	RENEWABLE
	15	Disc Regulator	NO
	MATERIALS	16	Drain
17		Body	ASTM A 216 WCB
18		Cover	ASTM A 216 WCB
19		Disc	ASTM A 182 Gr F6 / ASTM A 216 WCB+410 / A 105 + 410
20		Hinge Pin Mounting	ASTM A AISI 410
21		Disc Retaining Nut	ASTM A AISI 410
22		Body Seat Rings	ASTM A 182 Gr F6 / ASTM A 105 + 410
23		Hard Facing	BOTH SEAT & DISC-STELLITE-6
24		Cover Studs/ Bolts	ASTM A 193 B7/A 194 2H
25		Cover Gaskets	SS 316 SPIRAL WOUND GRAPHITE FILLED
TESTING	26	Outside Coating -	ANTI CORROSIVE AL. PAINT
	27	Radiography	NIL
	28	Inspection	III PARTY (APPROVED BY HOCL)
	29	Testing	AS PER API 598
Prepared by: 			
Checked by: 			
Approved by: 			

Note: VENDOR SHALL OFFER VALVES STRICTLY AS PER SPECIFICATIONS. DEVIATIONS, IF ANY SHALL BE EXPLICITLY HIGHLIGHTED BY VENDOR CONFIRMING THAT THE DEVIATIONS OFFERED ARE EQUAL OR BETTER THAN WHAT HAVE BEEN SPECIFIED.

Item no. 5

 HINDUSTAN ORGANIC CHEMICALS LIMITED (A Government of India Enterprise) C.S. CHECK VALVE DATA SHEET - (FLANGED)			
CONSTRUCTION FEATURES	1	Tag No.	PHE/VDS/CS-CH/FL
	2	Rating	300#
	3	Size	1 1/2"
	4	Boiler Code Material	NO
	5	End to End Dimension	B 16.10
	6	Design Code	BS 1868
	7	Body Pattern	TEE
	8	Type	SWING
	9	Flow pattern	HORIZONTAL
	10	Ends	RAISED FACE & SERRATED FINISH 125 AARH FLANGED, B.16.5
	11	Cover	BOLTED
	12	Port Opening	STANDARD BORE
	13	Hinge Pin Mounting	SWING CHECK
	14	Body Seat Ring	RENEWABLE
	15	Disc Regulator	NO
	MATERIALS	16	Drain
17		Body	ASTM A 216 WCB
18		Cover	ASTM A 216 WCB
19		Disc	ASTM A 182 Gr F6 / ASTM A 216 WCB+410 / A 105 + 410
20		Hinge Pin Mounting	ASTM A AISI 410
21		Disc Retaining Nut	ASTM A AISI 410
22		Body Seat Rings	ASTM A 182 Gr F6 / ASTM A 105 + 410
23		Hard Facing	BOTH SEAT & DISC-STELLITE-6
24		Cover Studs/ Bolts	ASTM A 193 B7/A 194 2H
25		Cover Gaskets	SS 316 SPIRAL WOUND GRAPHITE FILLED
26		Outside Coating -	ANTI CORROSIVE AL. PAINT
TESTING	27	Radiography	NIL
	28	Inspection	III PARTY (APPROVED BY HOCL)
	29	Testing	AS PER API 598
Prepared by: 			
Checked by: 			
Approved by: 			

Note: VENDOR SHALL OFFER VALVES STRICTLY AS PER SPECIFICATIONS. DEVIATIONS, IF ANY SHALL BE EXPLICITLY HIGHLIGHTED BY VENDOR CONFIRMING THAT THE DEVIATIONS OFFERED ARE EQUAL OR BETTER THAN WHAT HAVE BEEN SPECIFIED.

chem no-16



HINDUSTAN ORGANIC CHEMICALS LIMITED

(A Government of India Enterprise)

C.S. CHECK VALVE DATA SHEET - (SOCKET WELD)		
CONSTRUCTION FEATURES	1 Tag No.	PHE/VDS/CS-CH/SW
	2 Rating	800#
	3 Size	1 1/2"
	4 Boiler Code Material	NO
	5 End to End Diemension	B 16.10
	6 Design Code	BS : 5352
	7 Body Pattern	TEE
	8 Type	BALL
	9 Flow pattern	HORIZONTAL
	10 Ends	SOCKET WELD ANSI B.16.11
	11 Cover	BOLTED
	12 Port Opening	STANDARD BORE
	13 Hinge Pin Mounting (Swing Check)	N.A
	14 Body Seat Ring	EXPANDED
	15 Disc Regulator	NO
	16 Drain MSS SD 45	NO
MATERIALS	17 Body	ASTM A 105
	18 Cover	ASTM A 105
	19 Ball/Disc	ASTM A 182 F6 / ASTM A 276 TP 410/ A 217 CA 15
	20 Hinge Pin Mounting (Swing Check)	AISI 410
	21 Disc Retaining Nut	AISI 410
	22 Body Seat Rings	A 182 F6 + ASTM A 276 TP 410
	23 Stellinging	YES. LOCATION : BODY SEAT RING & DISC
	24 Cover Studs/ Bolts	ASTM A 193 B7/A194 2H
	25 Cover Gaskets	SS 316 SPIRAL WOUND + GRAPHITE FILLED
	26 Outside Coating	ANTI CORROSIVE AL. PAINT
TESTING	27 Radiography	NIL
	28 Inspection	III PARTY (APPROVED BY HOC)
	29 Testing	API 598/BS 5352
Prepared by: _____		
Checked by: _____		
Approved by: _____		

Note: VENDOR SHALL OFFER VALVES STRICTLY AS PER SPECIFICATIONS. DEVIATIONS, IF ANY SHALL BE EXPLICITLY HIGHLIGHTED BY VENDOR CONFIRMING THAT THE DEVIATIONS OFFERED ARE EQUAL OR BETTER THAN WHAT HAVE BEEN SPECIFIED.

Item no. ⑨, ⑫, ⑪



HINDUSTAN ORGANIC CHEMICALS LIMITED
(A Government of India Enterprise)

S.S. GATE VALVE DATA SHEET (FLANGED)		
	1 Tag No.	HOC/VDS/SS.Gt.
	2 Rating	150 #
	3 Size	2", 3", 4"
	4 Boiler Code Material	NO
	5 End to End Dimension	ASME B 16.10
	6 Design Code	API 600
CONSTRUCTION FEATURES	7 Stem	RISING OUTSIDE SCREW & YOKE
	8 Ends FLANGED	RAISED FACE DRILLING B.16.5 (ANSI)
	9 Bonnet	BOLTED
	10 Disc	SOLID WEDGE
	11 Seat	RENEWABLE
	12 Bonnet Gasket	SS 316 SPIRAL WOUND + GRAPHITE FILLED
	13 Corrosion Inhibitor	NIL
	14 Port Opening	FULL PORT
	15 By-Pass MSS SP 45	NO / YES LOCATION G FOR SIZE 200mm & ABOVE
	16 Drain MSS SP 45	NO / YES LOCATION C FOR SIZE 150mm & ABOVE
	17 Operation	HAND WHEEL
MATERIALS	18 Body & Bonnet	ASTM B 351 CF8M
	19 Disc	A 351 CF8M
	20 Stem	SS 316
	21 Body Seat Ring & Back Seat	A 182 F 316
	22 Stellite	YES (SEAT & DISC) (STELLITE #6)
	23 Bolts & Nuts	ASTM A 193 B7/A 193 B7 / ASTM A 194 2H
	24 Outside Coating	NIL
	25 Packing	100% GRAPHITE TAPE
TESTING	26 Radiography	NIL
	27 Inspection	III PARTY (APPROVED BY HOCL)
	28 Testing	AS PER API 598
Prepared by:		
Checked by:		
Approved by:		

Note: VENDOR SHALL OFFER VALVES STRICTLY AS PER SPECIFICATIONS. DEVIATIONS, IF ANY SHALL BE EXPLICITLY HIGHLIGHTED BY VENDOR CONFIRMING THAT THE DEVIATIONS OFFERED ARE EQUAL OR BETTER THAN WHAT HAVE BEEN SPECIFIED.

Item no. 10



HINDUSTAN ORGANIC CHEMICALS LIMITED
(A Government of India Enterprise)

S.S. GATE VALVE DATA SHEET (FLANGED)		
	1 Tag No.	HOC/VDS/SS.Gt.
	2 Rating	300 #
	3 Size	24
	4 Boiler Code Material	NO
	5 End to End Dimension	ASME B 16.10
	6 Design Code	API 600
CONSTRUCTION FEATURES	7 Stem	RISING OUTSIDE SCREW & YOKE
	8 Ends FLANGED	RAISED FACE DRILLING B.16.5 (ANSI)
	9 Bonnet	BOLTED
	10 Disc	SOLID WEDGE
	11 Seat	RENEWABLE
	12 Bonnet Gasket	SS 316 SPIRAL WOUND + GRAPHITE FILLED
	13 Corrosion Inhibitor	NIL
	14 Port Opening	FULL PORT
	15 By-Pass MSS SP 45	NO / YES LOCATION G FOR SIZE 200mm & ABOVE
	16 Drain MSS SP 45	NO / YES LOCATION C FOR SIZE 150mm & ABOVE
	17 Operation	HAND WHEEL
MATERIALS	18 Body & Bonnet	ASTM B 351 CF8M
	19 Disc	A 351 CF8M
	20 Stem	SS 316
	21 Body Seat Ring & Back Seat	A 182 F 316
	22 Stellite	YES (SEAT & DISC) (STELLITE #6)
	23 Bolts & Nuts	ASTM A 193 B7/A 193 B7 / ASTM A 194 2H
	24 Outside Coating	NIL
	25 Packing	100% GRAPHITE TAPE
TESTING	26 Radiography	NIL
	27 Inspection	III PARTY (APPROVED BY HOCL)
	28 Testing	AS PER API 598
Prepared by:		
Checked by:		
Approved by:		

Note: VENDOR SHALL OFFER VALVES STRICTLY AS PER SPECIFICATIONS. DEVIATIONS, IF ANY SHALL BE EXPLICITLY HIGHLIGHTED BY VENDOR CONFIRMING THAT THE DEVIATIONS OFFERED ARE EQUAL OR BETTER THAN WHAT HAVE BEEN SPECIFIED.