



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, फैक्स FAX No. (0484) 2720893

ई निविदा सूचना I OPENE- 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 CS & SS Gate & Globe Valves (API Stamped Valves) as per SPECIFICATIONS attached

एचओसीएल निविदा संदर्भ सं: HOCL Tender Ref No: MAT/PUR/32812/21

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

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सामग्रीMAT/क्रयPUR/32812/21

03.11.2021

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 **CS & SS Gate & Globe Valves (API Stamped Valves)**. 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 : 24.11.2021 at 2.00 pm

Opening Date of Tender : 25.11.2021 at 2.00 pm

धन्यवादThanking you,

भवदीयYours faithfully,

कृतेहिंदुस्तानऑर्गेनिककेमिकल्सलिमिटेड

For Hindustan Organic Chemicals Ltd.

Soumya N.K सौम्याएन.के

Manager(Materials) प्रबंधक (सामग्री)

अनुक्रमणिका - रोलसकिलिएपुर्जोकेलिएनिविदासूचना
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ऑनलाइन प्रस्तुतीकरण के लिए अनुदेश Instructions 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>.

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 सीसीएंडीआ (जैसे Sify / nCode / eMudhra आदि)
द्वारा मान्यता प्राप्त किसी भी प्रमाणन प्राधिकरण द्वारा जारी किए गए वैध डिजिटल हस्ताक्षर प्रमाण पत्र (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 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 "मइटेडर" 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 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 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

- 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, तोयहइनदस्तावेजोंकोतकनीकीबोलीकेहिस्सेकेरूपमेंस्वयंसुनिश्चितनहींकरसकताहै।

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।मूलप्रतिकोबोलीजमाकरनेकीअंतिमतिथितकयानिविदादस्तावेजोंमेंनिर्दिष्टअनुसार, 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 बोलीदाताओंसेयहनोटकरनेकाअनुरोधहैकिउनकोप्रदानकीगईप्रारूपमेंअपनीवित्तीयबोलियांअवश्यरूपसेप्रस्तुतकरनाचाहिएऔरकोईअन्यप्रारूपस्वीकार्यनहींहै।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।बोलियोंकीगोपनीयतासुरक्षितसाँकेटलेयर128बिटएन्क्रिप्शनप्रौद्योगिकीकाउपयोगकरकेबनाएरखीजातीहै।संवेदनशीलक्षेत्रोंकाडेटासंग्रहएन्क्रिप्शनकियाजाताहै।सर्वरपरअपलोडकिएगएकईभीबोलीदस्तावेजसिस्टमद्वाराजनितसममितकुंजीकाउपयोगकरकेसममितएन्क्रिप्शनकेअधीनहै।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.

बोलीदाताओंकोसहायताASSISTANCE TO BIDDERS

1. निविदादस्तावेजऔरउसमेंनिहितनियमोंऔरशर्तोंसेसंबंधितकिसीभीप्रश्नकोनिविदाकेलिएनि विदाआमंत्रणप्राधिकरणकोयानिनिविदामेंउल्लेखितसंबंधितसंपर्कव्यक्तिकोसंबोधितकियाजाना 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. ऑनलाइनबोलीप्रस्तुतकरनेकीप्रक्रियासेसंबंधितकोईभीप्रश्नयासामान्यरूपसेसीपीपीपोर्टलसेसं बंधितप्रश्न 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.

ईबोली प्रस्तुतिके 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 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 on 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, HYDRO TEST CERTIFICATES AND THIRD PARTY INSPECTION CERTIFICATES TO BE PROVIDED ALONG WITH SUPPLY.**
 - b. **THIRD PARTY INSPECTION IS REQUIRED. THE SAME SHALL BE ARRANGED BY YOU. THE INSPECTIONS SHALL BE CONDUCTED BY ANY OF THE FOLLOWING AGENCIES (ABS / BAXCOUNSEL / BVIS / FEDO / LLOYDS / IR CLASS). THIRD PARTY INSPECTION CHARGES & APPLICABLE GST SHALL BE MENTIONED**
 - c. **SEPARATELY IN THE QUOTATION.**
 - 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.

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

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 within 21 days of the order towards satisfactory execution of the order. No interest will be paid on this amount by HOCL
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 **16.11.2021 at 2.00 pm**
31. Material is required urgently. hence vendors may please quote their minimum delivery period

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 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		

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



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


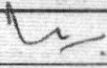


Item Number	Item Description	Item Quantity	Unit of Measure
1	SS GLOBE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE SS GLOBE VALVE 6X600# [150MM X 600#] (API STAMPED VALVES)	1	NOS
2	SS GATE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE SS GATE VALVE 4X600# [100MM X 600#] (API STAMPED VALVES)	2	NOS
3	CS GATE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE CS GATE VALVE 6X300# [150MM X 300#] (API STAMPED VALVES)	3	NOS
4	CS GATE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE CS GATE VALVE 6X600# [150MM X 600#] (API STAMPED VALVES)	2	NOS
5	SS GATE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE SS GATE VALVE 2X600# [50MM X 600#] (API STAMPED VALVES)	4	NOS
6	CS GATE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE CS GATE VALVE 3X600# [80MM X 600#] (API STAMPED VALVES)	3	NOS
7	CS GATE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE CS GATE VALVE 4"X600# [100MM X 600#] (API STAMPED VALVES)	2	NOS
8	CS GLOBE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE CS GLOBE VALVE 4"X600# [100MM X 600#] (API STAMPED VALVES)	1	NOS
9	CS GATE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE CS GATE VALVE 14"X150# [350MM X 150#] (API STAMPED VALVES)	2	NOS

10	SS GATE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE SS GATE VALVE 6X150# [150MM X 150#] (API STAMPED VALVES)	1	NOS
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ALL CERTIFICATES AS PER QAP INCLUDING MATERIAL TEST CERTIFICATES, GUARANTEE CERTIFICATES, HYDRO TEST CERTIFICATES AND IIIRD PARTY INSPECTION CERTIFICATES TO BE PROVIDED ALONG WITH SUPPLY.

THIRD PARTY INSPECTION IS REQUIRED. THE SAME SHALL BE ARRANGED BY YOU. THE INSPECTION SHALL BE CONDUCTED BY ANY OF THE FOLLOWING AGENCIES (ABS / BAXCOUNCEL / BVIS / FEDO / LLOYDS / IR CLASS). THIRD PARTY INSPECTION CHARGES & APPLICABLE GST SHALL BE MENTIONED SEPARATELY IN THE QUOTATION.

DOCUMENTS/DRAWINGS REQUIRED PRIOR TO MANUFACTURER

 HINDUSTAN ORGANIC CHEMICALS LIMITED (A Government of India Enterprise) C.S. GATE VALVE DATA SHEET (FLANGED)			
CONSTRUCTION FEATURES	1	Tag No.	PHE/VDS/CS-GV/FL
	2	Rating	150#
	3	Size	350 MM
	4	Boiler Code Material	NO
	5	End to End Dimension	B 16.10
	6	Design Code	API 600
	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
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, 6, 7



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	600#
	3	Size	2" , 3" , 4" , 6"
	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
	17	Operation	HAND WHEEL
MATERIALS	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
	25	Packing	100% GRAPHITE
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.



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	600#
	3	Size	2", 4"
	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.



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	150 MM	
	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: <i>[Signature]</i>			
Checked by: <i>[Signature]</i>			
Approved by: <i>[Signature]</i>			

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. ②, ⑤



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	600#	
	3	Size	2", 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. ①



HINDUSTAN ORGANIC CHEMICALS LIMITED
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SS GLOBE VALVE DATA SHEET (FLANGED)		
	1 Tag No.	HOC/VDS/SS.Gbv
	2 Rating	600#
	3 Size	150 MM
	4 Boiler Code Material	NO
	5 End to End Dimension	ASME B 16.10
	6 Design Code	BS : 1873
	7 Body Pattern	TEE
CONSTRUCTION FEATURES	8 Ends	FLANGED
		RAISED FACE
		DRILLING AS PER B.16.5
	9 Stem	RISING
		OUTSIDE SCREW & YOKE
	10 Bonnet	BOLTED
	11 Disc	PLUG
	12 Seat	INTEGRAL
MATERIALS	13 Operation	HAND WHEEL
	14 Port Opening	STANDARD BORE
	15 Corrosion Inhibitor	NIL
	16 By-Pass	YES / NO
	17 Drain	YES / NO
	18 Body	ASTM A 351 CF 8M
	19 Disc	ASTM A 351 CF 8M
	20 Stem	AISI 316
	21 Bonnet Gasket	SS 316 SPIRAL WOUND + CAF FILLED
	22 Body Seat	AISI 316
TESTING	23 Stellite	YES. SEAT & DISC (STELLITE #6)
	24 Packing	100% GRAPHITE TAPE
	25 Bolts & Nuts	ASTM A 193 B7/ASTM A 194 2H
	26 Outside Coating	NIL
	27 Radiography	NIL
	28 Inspection	III PARTY (APPROVED BY HOCL)
	29 Testing	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)

C.S. GATE VALVE DATA SHEET (FLANGED)

	1	Tag No.	PHE/VDS/CS-GV/FL
	2	Rating	300#
	3	Size	350 MM, 150MM
CONSTRUCTION FEATURES	4	Boiler Code Material	NO
	5	End to End Dimension	B 16.10
	6	Design Code	API 600
	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
	17	Operation	HAND WHEEL
MATERIALS	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
	25	Packing	100% GRAPHITE
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.



**HINDUSTAN ORGANIC CHEMICALS LIMITED
AMBALAMUGAL**

QUALITY ASSURANCE PLAN (QAP)

P.O. No. :		QAP No. HOC/QAP/Valves		P = Perform by		1. TPI/IBR	
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	-	-	
		2	Surface quality of machining	Major	Visual examination	Random	-	I.R.	2	-	-	
2.2	Trim	1	Dimensional	Major	Measurement	Random	Supplier drawing / Data sheet	I.R.	2	-	-	Wherever applicable
		2	Surface quality of hard facing	Major	DPT / Hardness	100% / 10%	ANSI B 16.34 as per P.O.	I.R.	2	-	-	
2.3	Assembly	1	Components	Critical	Visual examination	Random	Relevant specification / Drawing	I.R.	2	-	-	
		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%	API 598 / BS 6755 P - I RELEVANT drawing	I.R.	2	2	-	# Applicable for Gate & Globe valves
		2	Back seat #	Critical	Hydrostatic				2	2	-	
		3	Seat test #	Critical	Hydrostatic				2	2	-	
		4	Pneumatic seat closure test	Critical	Pneumatic				2	2	-	
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%	API 598 / BS 6755 P - I relevant drawing	I.R.	2	-	1	
		2	Back seat #	Critical	Hydrostatic				2	-	1	
		3	Seat test #	Critical	Hydrostatic				2	-	1	
		4	Pneumatic seat closure test	Critical	Pneumatic				2	-	1	
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	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	2	-	1	
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