

Bid Document

Bid Details	
Bid End Date/Time	19-12-2022 14:00:00
Bid Opening Date/Time	19-12-2022 14:30:00
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Chemicals And Fertilizers
Department Name	Department Of Chemicals And Petrochemicals
Organisation Name	Hindustan Organic Chemicals Limited
Office Name	Ambalamugal,ernakulam
Total Quantity	72
Item Category	CS GATE VALVE , CS CHECK VALVE , CS GLOBE VALVE , CS GATE VALVE IBR , SS GATE VALVE , SS CHECK VALVE
Years of Past Experience Required for same/similar service	3 Year (s)
MSE Exemption for Years Of Experience	Yes
Startup Exemption for Years Of Experience	Yes
Document required from seller	Experience Criteria,Past Performance,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	80 %
Bid to RA enabled	No
Type of Bid	Two Packet Bid
Primary product category	CS GATE VALVE
Time allowed for Technical Clarifications during technical evaluation	2 Days
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
4. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
5. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of

total QUANTITY.

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

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

CS GATE VALVE

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

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

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

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Soumya N K	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	2	30

CS GATE VALVE

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

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
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[BOQ Detail Document](#)[View File](#)

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

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Soumya N K	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	5	30

CS CHECK VALVE

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

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

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

Consignees/Reporting Officer and Quantity

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

CS GATE VALVE

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

respectively)

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

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

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Soumya N K	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	25	30

CS GATE VALVE

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

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

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

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Soumya N K	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	5	30

CS GATE VALVE

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

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

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

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Soumya N K	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	5	30

CS GLOBE VALVE

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

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

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

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Soumya N K	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	5	30

CS GATE VALVE IBR

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

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

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

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Soumya N K	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	2	30

CS GATE VALVE IBR

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

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

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

Consignees/Reporting Officer and Quantity

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

SS GATE VALVE

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

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

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

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Soumya N K	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	15	30

SS GATE VALVE

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

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

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

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Soumya N K	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	2	30

SS CHECK VALVE

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

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

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

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Soumya N K	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	2	30

SS CHECK VALVE

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

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Detail Document	View File

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

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Soumya N K	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	2	30

Buyer Added Bid Specific Terms and Conditions

1. Generic

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

2. Generic

After award of contract – Successful Bidder shall have to get Detailed Design Drawings approved from buyer before starting fabrication. Successful Bidder shall submit Detailed Design Drawings for Buyer's approval, within 5 days of award of contract. Buyer shall, either approve the drawings or will provide complete list of modification required in the drawings within 7 days. Seller shall be required to ensure supply as per approved Drawings with modifications as communicated by Buyer. If there is delay from

buyer side in approval of drawing- the delivery period shall be refixed without LD for the period of delay in approval of Drawing.

3. **Generic**

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

4. **Generic**

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

5. **Generic**

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

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

6. **Generic**

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

7. **Generic**

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

8. **Generic**

Manufacturer Authorization:Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

9. **Generic**

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

10. **Generic**

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

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

vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

11. Generic

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

12. Generic

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

13. Scope of Supply

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

14. Purchase Preference (Centre)

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

15. Purchase Preference (Centre)

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

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

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

16. Past Project Experience

Proof for Past Experience and Project Experience clause: For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.**Proof for Past Experience and Project Experience clause:** For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.

17. Certificates

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

18. Certificates

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

19. Certificates

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

20. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

1.DOCUMENTS SATISFYING ELIGIBILITY CRITERIA

2.DULY SIGNED AND STAMPED TENDER TERMS AS PER ANNEXURE-II.IF ANY DEVIATION,PL.INDICATE SEPARATELY

3.DULY FILLED AND SIGNED COMMERCIAL TERM FORMAT AS PER ANNEXURE III-A,B,C

4.DULY FILLED AND SIGNED BID SECURITY DECLARATION & CLAUSE COMPLIANCE AS PER ANNEXURE -IV,V

5..ALL CERTIFICATES AS PER QAP INCLUDING MATERIAL TEST CERTIFICATES, GUARANTEE CERTIFICATES, HYDRO TEST CERTIFICATES,IBR CERTIFICATES IN ORIGINAL (FOR ITEM NO.8 & 9) AND IIIRD PARTY INSPECTION CERTIFICATES SHOULD BE PROVIDED ALONG WITH SUPPLY.

6.DOCUMENTS/DRAWINGS SHOULD BE SUBMITTED FOR APPROVAL PRIOR TO MANUFACTURE

7.THIRD PARTY INSPECTION : PLEASE NOTE THAT 100% THIRD PARTY INSPECTION WILL BE APPLICABLE IN THIS PROCUREMENT. 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](tel:+919895111743)

MOB : [+91 9895005639](tel:+919895005639),

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.

8.DULY SIGNED AND STAMPED DATASHEET AND QAP.IF ANY DEVIATION,PL.INDICATE SEPARATELY

21. Buyer Added Bid Specific ATC

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

22. Inspection

Pre-dispatch inspection at Seller premises (Fee/Charges to be borne by the BUYER): Before dispatch, the goods will be inspected by Buyer / Consignee or their Authorized Representative or by Nominated External Inspection Agency (independently or jointly with Buyer or Consignee as decided by the Buyer) at Seller premises (or at designated place for inspection as declared / communicated by the seller) for their compliance to the contract specifications. Fee/Charges taken by the External inspection Agency and any external laboratories testing charges shall be borne by the Buyer. For in-house testing, the Sellers will provide necessary facilities free of cost. Seller shall notify the Buyer through e-mail about readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection. Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment. While bidding, the sellers should take into account 7 days for inspection from the date of email offering the goods for inspection. Any delay in inspection beyond 7 days shall be on the part of the buyer and shall be regularised without Liquidated Damages.

When there is requirement of submission the advance sample, the seller shall inform the buyer promptly through emails about the date of submission of sample to the buyer nominated Inspection agency.

23. Inspection

Nominated Inspection Agency: On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance:

Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause has been selected in ATC): M/s.BUREAU VERITAS (INDIA) PVT LTD

Post Receipt Inspection at consignee site before acceptance of stores: M/s.HINDUSTAN ORGANIC CHEMICALS LTD

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity/restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and/or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents/clauses shall also be null and void. If any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

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

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

---Thank You---



HINDUSTAN ORGANIC CHEMICALS LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)
AMBALAMUGAL, ERNAKULAM DISTRICT, PIN – 682 302
PHONE: (0484) 2720911, 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 FLANGED 2" X150# [50MM 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#]	5	NOS
3	CS CHECK VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED CS CHECK VALVE 3" X150# [80MM X 150#]	1	NOS
4	CS GATE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE CS GATE VALVE 1"X800# [25MM X 800#]	25	NOS
5	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#]	5	NOS
6	CS GATE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE CS GATE VALVE 4"X150# [100MM X 150#]	5	NOS
7	CS GLOBE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE CS GLOBE VALVE 1 1/2" X800# [40MM X 800#]	5	NOS
8	CS GATE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE CS GATE VALVE IBR 3" X150# [80MM X 150#]	2	NOS
9	CS GATE VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED WITH 2 NOS SPARE YOKE SLEEVE PER VALVE CS GATE VALVE IBR 4" X150# [100MM 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 3/4" X 800# [20MM X 800#]	15	NOS
11	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
12	SS CHECK VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED SS CHECK VALVE 1" X800# [25MM X 800#]	2	NOS
13	SS CHECK VALVE AS PER THE SPECIFICATION SHEET AND QAP ATTACHED SS CHECK VALVE 2" X150# [50MM X 150#]	2	NOS

NOTE:

- ALL CERTIFICATES AS PER QAP INCLUDING MATERIAL TEST CERTIFICATES, GUARANTEE CERTIFICATES, HYDRO TEST CERTIFICATES,IBR CERTIFICATES IN ORIGINAL (FOR ITEM NO.8 & 9) 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 100% THIRD PARTY INSPECTION WILL BE APPLICABLE IN THIS PROCUREMENT. 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.


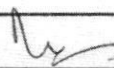
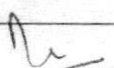

- DATASHEET AND QAP OF VALVES ARE GIVEN BELOW

item no. ①, ②, ⑤, ⑥

 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	1½", 2", 3", 4"
	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
	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.

item no. 4

 HINDUSTAN ORGANIC CHEMICALS LIMITED (A Government of India Enterprise) C.S. GATE VALVE DATA SHEET (SOCKET WELDED)			
CONSTRUCTION FEATURES	1	Tag No.	PHE/VDS/CS-GV/SW
	2	Rating	800 #
	3	Size	1"
	4	Boiler Code Material	NO
	5	End to End Dimension	B 16.10
	6	Design Code	API 602
	7	Stem	RISING OUTSIDE SCREW & YOKE
	8	Ends	SOCKET WELD B.16.11
	9	Bonnet	BOLTED
	10	Disc	SOLID WEDGE
	11	Seat	RENEWABLE
	12	Bonnet Gasket	SS 316 SPIRAL WOUND GRAPHITE FILLED
	13	Corrosion Inhibitor	NO
	14	Port Opening	FULL PORT
	15	By-Pass	NO
	16	Drain	NO
	MATERIALS	17	Operation
18		Body & Bonnet	ASTM A 105
19		Disc	ASTM A 182 Gr F6 / A 217 CA 15/276 TP 410
20		Stem	ASTM A 182 Gr F6 / ASTM A 479-410 / A 276 TP 410
21		Body Seat Ring & Back Seat	ASTM A 182 Gr F6 / A 276 TP 410
22		Stellite	BOTH SEAT & DISC - STELLITE#6
23		Bolts & Nuts	A 193 Gr. B7/A194 2H
24		Outside Coating	ANTI CORROSIVE AL. PAINT
TESTING	25	Packing	100% GRAPHITE TAPE
	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.

chem no. ⑦



HINDUSTAN ORGANIC CHEMICALS LIMITED



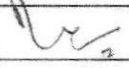

(A Government of India Enterprise)

CS GLOBE VALVE DATA SHEET (SOCKET WELDED)


	1	Tag No.	PHE/VDS-CS GB/SW
	2	Rating	800 #
	3	Size	1 1/2"
	4	Boiler Code Material	NO
	5	End to End Dimension	As per, B 16.10
	6	Design Code	BS : 5352
	7	Body Pattern	TEE
CONSTRUCTION FEATURES	8	Ends	SOCKET WELD TO B 16.11
	9	Stem	RISING OUTSIDE SCREW & YOKE
	10	Bonnet	BOLTED
	11	Disc	PLUG type
	12	Seat	RENEWABLE
	13	Operation	HAND WHEEL
	14	Port Opening	STANDARD BORE
	15	Corrosion Inhibitor	NO
MATERIALS	16	By-Pass	NIL
	17	Drain	NIL
	18	Body & Bonnet	ASTM A 105
	19	Disc	ASTM A 182 Gr F6 / ASTM A 217 CA 15
	20	Stem	ASTM A 479-410 / 276 TP 410
	21	Bonnet Gasket	SS 316 SPIRAL WOUND GRAPHITE FILLED
	22	Body Seat	ASTM A 182 Gr F6 / ASTM A 276 TP 410
	23	Hard Facing	BOTH SEAT & DISC - STELLITE-6
	24	Packing	100% GRAPHITE TAPE
	25	Bolts & Nuts	ASTM A 193 B7/A 194 2H
	26	Outside Coating	ANTI CORROSIVE AL. PAINT
TESTING	27	Radiography	NIL
	28	Inspection	III PARTY (APPROVED BY HOCL)
	29	Testing	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.

Item no. ③

 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	3"
	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.

 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	3", 4"
	4	Boiler Code Material	YES
	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	IBR
	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.


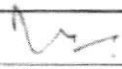
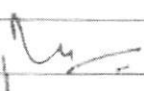

Item no. ⑪ ⑭



HINDUSTAN ORGANIC CHEMICALS LIMITED
(A Government of India Enterprise)

S.S. GATE VALVE DATA SHEET (FLANGED)		
CONSTRUCTION FEATURES	1 Tag No.	HOC/VDS/SS.Gt.
	2 Rating	150 #
	3 Size	4" 6"
	4 Boiler Code Material	NO
	5 End to End Dimension	ASME B 16.10
	6 Design Code	API 600
	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
MATERIALS	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
	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 Stelliting	YES (SEAT & DISC) (STELLITE #6)
	23 Bolts & Nuts	ASTM A 193 B7/A 193 B7 / ASTM A 194 2H
	24 Outside Coating	NIL
TESTING	25 Packing	100% GRAPHITE TAPE
	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.


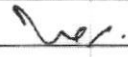
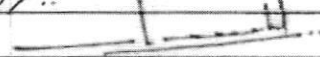
 HINDUSTAN ORGANIC CHEMICALS LIMITED (A Government of India Enterprise)		
S.S. GATE VALVE DATA SHEET (SOCKET WELDED)		
CONSTRUCTION FEATURES	1 Tag No.	HOC/VDS/SSGV/
	2 Rating	800 #
	3 Size	3/4"
	4 Boiler Code Material	NO
	5 End to End Dimension	B 16.10
	6 Design Code	API 602 (1)
	7 Stem	RISING OUTSIDE SCREW & YOKE
	8 Ends	SOCKET WELD B 16.11
	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	NO
	16 Drain	NO
	17 Operation	HAND WHEEL
MATERIALS	18 Body & Bonnet	A 182 F 316
	19 Disc	A 182 F 316
	20 Stem	A 182 F 316
	21 Body Seat Ring & Back Seat	A 182 F 316
	22 Stellite	YES (SEAT & DISC) (STELLITE #6)
	23 Bolts & Nuts	A 193 B7/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.



HINDUSTAN ORGANIC CHEMICALS LIMITED

(A Government of India Enterprise)



S.S. CHECK VALVE DATA SHEET (FLANGED)		
	1 Tag No.	HOC/VDS/SS-CV/
	2 Rating	150 #
	3 Size	2"
	4 Boiler Code Material	NO
	5 End to End Dimension	B 16.10
	6 Design Code	BS - 1868
	7 Body Pattern	TEE
CONSTRUCTION FEATURES	8 Type	SWING
	9 Flow pattern	HORIZONTAL/VERTICAL
	10 Ends FLANGED	RAISED FACE ANSI B 16.5
	11 Cover	BOLTED
	12 Port Opening	STANDARD BORE
	13 Hinge Pin Mounting (Swing Check)	INTERNAL
	14 Body Seat Ring	RENEWABLE
	15 Disc Regulator	YES/NO. OPENING DR:
	16 Drain	YES / NO. LOCATION
	MATERIALS	17 Body
18 Cover		A 351 CF 8M
19 Disc		A 351 CF 8M
20 Hinge Pin Mounting (Swing Check)		AISI 316
21 Disc Retaining Nut		AISI 316
22 Body Seat Rings		A 182 F316
23 Stelliting		YES. BOTH DISC & SEAT RING (STELLITE #6)
24 Cover Studs/ Bolts		A 193 Gr. B7/A194 2H
25 Cover Gaskets		SS 316 SPIRAL WOUND + GRAPHITE FILLED
26 Outside Coating		NIL
TESTING	27 Radiography	NO
	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)

S.S. CHECK VALVE DATA SHEET (SOCKET WELDED)		
CONSTRUCTION FEATURES	1 Tag No.	HOC/VDS/SS-CV/
	2 Rating	800 #
	3 Size	1"
	4 Boiler Code Material	NO
	5 End to End Dimension	ASME 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
	14 Body Seat Ring/SCREWED	RENEWABLE
	15 Disc Regulator	YES/NO. OPENING DR. Kg/cm ²
	16 Drain MSS SD 45	YES/NO.
	MATERIALS	17 Body
18 Cover		A 182 F 316
19 Ball		A 182 F 316
20 Hinge Pin Mounting (Swing Check)		SS 316
21 Disc Retaining Nut		SS 316
22 Body Seat Rings		A 182 F 316
23 Stellite		YES. SEAT RING (STELLITE #6)
24 Cover Studs/ Bolts		A 193 Gr. B7/A194 2H
25 Cover Gaskets		SS 316 SPIRAL WOUND + CAF FILLED
26 Outside Coating		NIL
TESTING	27 Radiography	NO
	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 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., SI.No., Client / TPI stamp	Critical	Visual examination	100%		Manufacture test certificate	2	-	1	
		2	Valve SI.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, 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