



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2024/B/4422240
Dated/दिनांक : 02-01-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	16-01-2024 14:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	16-01-2024 14:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	60 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Chemicals And Fertilizers
Department Name/विभाग का नाम	Department Of Chemicals And Petrochemicals
Organisation Name/संगठन का नाम	Hindustan Organic Chemicals Limited
Office Name/कार्यालय का नाम	Ambalamugal,ernakulam
Total Quantity/कुल मात्रा	1956

Bid Details/बिड विवरण

Item Category/मद केटेगरी

CS ELBOW 15X3000 SW 90 DEG A105 , CS ELBOW 25X3000 SW 90DEG A105 , CS ELBOW 80XSCH80 BW 90DEG A234WPB , CS ELBOW 250XSCH40 BW 90DEG A234WPB , CS EQUAL TEE 25X3000 SW A105 , CS EQUAL TEE 80XSCH80 A234 BW , CS EQUAL TEE 250XSCH40 A234 BW , CS REDUCER CON 100X80XSCH80 BW A234WPB , CS SWRF 40MMX150 A105 , SS316 SWRF 80MMX150 A182F316 , CS ELBOW 40X3000 SW 90 DEG A105 , SS316 ELBOW 50X3000 SW 90DEG A403WP316 , SS316 ELBOW 80XSCH40 BW 90DEG A403WP316 , CS ELBOW 300XSCH40 BE 90 DEG A234WPB , CS ELBOW 100XSCH80 BW 90 DEG A234WPB , CS ELBOW 80XSCH80 BW 45 DEG A 234WPB , CS EQUAL TEE 15X3000 A 105 , SS EQUAL TEE 25X3000 A182TP316 SW , SS EQUAL TEE 40X3000 A182TP316 SW , CS EQUAL TEE 100XSCH80 A234WPB BW , CS EQUAL TEE 40X3000 A105 SW , CS UNEQUAL TEE 50X40XSCH80 A234WPB BW , CS REDUCER CONC 100X80XSCH40 BW A234WPB , CS SWRF 20MMX300 A105 , CS SWRF 20MMX150 A105 , CS SWRF 15MMX150 A105 , CS SWRF 25MMX300 A105 , SS316 SWRF 25MMX150 A182F316 , CS WNRF 100MMX150XSCH80 A105 , CS WNRF 80MMX300XSCH80 A105 , CS WNRF 250MMX300XSCH80 A105 , SS316 WNRF 100MMX300XSCH80 A182F316 , CS COUPLING HALF 20MMX3000 A105 , CS COUPLING HALF 25MMX3000 A105 , CS COUPLING HALF 40MMX3000 A105 , CS ELBOW 200XSCH40 90 DEG A234WPB , CS WNRF 100MMX300XSCH80 A105 , CS EQUAL TEE 15MMX3000 SW IBR GRADE , CS SWRF 80MMX300 A105 , SS316 SWRF 150MMX150 A182F316 , CS COUPLING FULL 25MMX3000 A105 , CS ELBOW 100MMXSCH80 45 DEG A2324WPB , CS SWRF 150MMX300 A105 IBR , SS316 ELBOW 150MMXSCH80 A403WP316 , SS316 CONC REDUCER 50X25XSCH80 A403WP316 , CS REDUCER ECC 250X100XSCH40 BW , CS SWRF 50MMX125 A105 , CS SWRF 80MMX125 A105 , CS SWRF 100MMX125 A105 , CS SWRF 125MMX125 A105 , CS SORF 150MMX150 A105 , CS SORF 100MMX150 A105 , CS SORF 200MMX150 A105 , CS SORF 250MMX150 A105 , CS SORF 500MMX150 A105 , SS316 SWRF 40MMX1500 A182F316 , CS WNRF 40MMX150XSCH80 A105 , CS SORF 250MMX300 A105 , SS316 WNRF 150MMX300XSCH80 A182F316 , CS ECC REDUCER 150X100XSCH80 BW A234WPB , CS ECC REDUCER 150X80XSCH80 BW A234WPB , CS CONC REDUCER 25X15X3000 A105 IBR , CS ELBOW 80XSCH80 BW 90 DEG A234WPB IBR , CS ELBOW 80XSCH80 BW 45DEG A234WPB IBR , CS ELBOW 50XSCH80 BW 90 DEG A234WPB IBR , CS SWRF 80MMX150 A105 IBR , CS WNRF 100MMX300XSCH80 A105 IBR , CS SMLS PIPE 50XSCH80 A106 GRB IBR , CS SMLS PIPE 80XSCH80 A106 GRB IBR

BOQ Title/बीओक्यू शीर्षक	CS AND SS PIPE FITTINGS AND CS IBR PIPES
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	3 Year (s)
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/	Yes
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No

Bid Details/बिड विवरण

Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (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/विगत प्रदर्शन	80 %
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Single Packet Bid
Primary product category	CS ELBOW 15X3000 SW 90 DEG A105
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation

EMD Detail/ईएमडी विवरण

Required/आवश्यकता	No
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ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता	No
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Splitting/विभाजन

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	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. 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.

3. 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 .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

4. 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. The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

5. 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.

6. 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 ELBOW 15X3000 SW 90 DEG A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/कमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	75	30

CS ELBOW 25X3000 SW 90DEG A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	25	30

CS ELBOW 80XSCH80 BW 90DEG A234WPB

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	75	30

CS ELBOW 250XSCH40 BW 90DEG A234WPB

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	15	30

CS EQUAL TEE 25X3000 SW A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	75	30

CS EQUAL TEE 80XSCH80 A234 BW

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	25	30

CS EQUAL TEE 250XSCH40 A234 BW

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	2	30

CS REDUCER CON 100X80XSCH80 BW A234WPB

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	5	30

CS SWRF 40MMX150 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	50	30

SS316 SWRF 80MMX150 A182F316

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	15	30

CS ELBOW 40X3000 SW 90 DEG A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	80	30

SS316 ELBOW 50X3000 SW 90DEG A403WP316

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	15	30

SS316 ELBOW 80XSCH40 BW 90DEG A403WP316

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	5	30

CS ELBOW 300XSCH40 BE 90 DEG A234WPB

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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BOQ Detail Document	View File

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	3	30

CS ELBOW 100XSCH80 BW 90 DEG A234WPB

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	15	30

CS ELBOW 80XSCH80 BW 45 DEG A 234WPB

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	40	30

CS EQUAL TEE 15X3000 A 105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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BOQ Detail Document	View File

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	50	30

SS EQUAL TEE 25X3000 A182TP316 SW

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	50	30

SS EQUAL TEE 40X3000 A182TP316 SW

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	10	30

CS EQUAL TEE 100XSCH80 A234WPB BW

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	15	30

CS EQUAL TEE 40X3000 A105 SW

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	10	30

CS UNEQUAL TEE 50X40XSCH80 A234WPB BW

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	2	30

CS REDUCER CONC 100X80XSCH40 BW A234WPB

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	15	30

CS SWRF 20MMX300 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	50	30

CS SWRF 20MMX150 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	View File
BOQ Detail Document	View File

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	100	30

CS SWRF 15MMX150 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	50	30

CS SWRF 25MMX300 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	15	30

SS316 SWRF 25MMX150 A182F316

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	35	30

CS WNRF 100MMX150XSCH80 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	30	30

CS WNRF 80MMX300XSCH80 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	50	30

CS WNRF 250MMX300XSCH80 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	5	30

SS316 WNRF 100MMX300XSCH80 A182F316

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	5	30

CS COUPLING HALF 20MMX3000 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	100	30

CS COUPLING HALF 25MMX3000 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	25	30

CS COUPLING HALF 40MMX3000 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	75	30

CS ELBOW 200XSCH40 90 DEG A234WPB

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	15	30

CS WNRF 100MMX300XSCH80 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	15	30

CS EQUAL TEE 15MMX3000 SW IBR GRADE

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	40	30

CS SWRF 80MMX300 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	View File
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Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	15	30

SS316 SWRF 150MMX150 A182F316

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	1	30

CS COUPLING FULL 25MMX3000 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	View File
BOQ Detail Document	View File

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	50	30

CS ELBOW 100MMXSCH80 45 DEG A2324WPB

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	View File
BOQ Detail Document	View File

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	10	30

CS SWRF 150MMX300 A105 IBR

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	View File
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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	2	30

SS316 ELBOW 150MMXSCH80 A403WP316

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	5	30

SS316 CONC REDUCER 50X25XSCH80 A403WP316

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	View File
BOQ Detail Document	View File

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	2	30

CS REDUCER ECC 250X100XSCH40 BW

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	View File
BOQ Detail Document	View File

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	1	30

CS SWRF 50MMX125 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	15	30

CS SWRF 80MMX125 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	10	30

CS SWRF 100MMX125 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	View File
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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	50	30

CS SWRF 125MMX125 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	View File
BOQ Detail Document	View File

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	20	30

CS SORF 150MMX150 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	25	30

CS SORF 100MMX150 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	20	30

CS SORF 200MMX150 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	10	30

CS SORF 250MMX150 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	View File
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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	20	30

CS SORF 500MMX150 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	View File
BOQ Detail Document	View File

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	16	30

SS316 SWRF 40MMX1500 A182F316

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	10	30

CS WNRF 40MMX150XSCH80 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	5	30

CS SORF 250MMX300 A105

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	6	30

SS316 WNR 150MMX300XSCH80 A182F316

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	10	30

CS ECC REDUCER 150X100XSCH80 BW A234WPB

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	5	30

CS ECC REDUCER 150X80XSCH80 BW A234WPB

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	4	30

CS CONC REDUCER 25X15X3000 A105 IBR

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	2	30

CS ELBOW 80XSCH80 BW 90 DEG A234WPB IBR

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	50	30

CS ELBOW 80XSCH80 BW 45DEG A234WPB IBR

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	25	30

CS ELBOW 50XSCH80 BW 90 DEG A234WPB IBR

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	15	30

CS SWRF 80MMX150 A105 IBR

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

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Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	15	30

CS WNRF 100MMX300XSCH80 A105 IBR

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	5	30

CS SMLS PIPE 50XSCH80 A106 GRB IBR

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	100	30

CS SMLS PIPE 80XSCH80 A106 GRB IBR

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Abhilash M S	682302,HINDUSTAN ORGANIC CHEMICALS LTD, AMBALAMUGAL ERNAKULAM	150	30

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें**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

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 %.

3. Generic

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

- Copy of PAN Card.
- Copy of GSTIN.
- Copy of Cancelled Cheque.
- Copy of EFT Mandate duly certified by Bank.

4. 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.

5. 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.

6. **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

7. **Generic**

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

8. **Generic**

The successful bidder has to supply all essential accessories required for the successful installation and commissioning of the goods supplied. Besides standard accessories as per normal industry practice, following accessories must be part of supply and cost should be included in bid price:

Shall be all inclusive of GST, P&F, Freight, Inspection & Testing Charges etc.

9. **Generic**

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

10. **Generic**

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

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

11. **Generic**

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

12. **Scope of Supply**

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

13. **Turnover**

Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the

bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

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. **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):

THROUGH HOCL APPOINTED TPI AGENCIES

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

17. **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.

18. 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.

19. 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.

20. 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.

21. Certificates

To be eligible for award of contract, Bidder / OEM must possess following Certificates / Test Reports on the date of bid opening (to be uploaded with bid):

As per Annexure VI (Checklist) of Buyer added bid specific ATC

22. Certificates

ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.

23. Warranty

Warranty period of the supplied products shall be as given in specifications from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

24. Warranty

Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.

25. Warranty

Timely Servicing / rectification of defects during warranty period: After having been notified of the defects

/ service requirement during warranty period, Seller has to complete the required Service / Rectification within 5 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

26. 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.

27. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

BIDDERS SHOULD SUBMIT ALL THE DOCUMENTS MENTIONED IN THE ANNEXURE VI (CHECKLIST) OF BUYER ADDED BID SPECIFIC ATC DULY FILLED SIGNED AND SEALED IN ALL PAGES.

28. Buyer Added Bid Specific ATC

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

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby 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(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process.
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.

10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

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

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

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./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---



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

Item Number	Item Description	Qty	Unit
1	CS SEAMLESS 90 DEG ELBOW CONFIRMS TO ASTM A105 WITH SOCKET WELD ENDS TO B 16.11 CS ELBOW 15X3000# SW 90DEG A105 [1/2" x 3000#]	75	NOS
2	CS SEAMLESS 90 DEG ELBOW CONFIRMS TO ASTM A105 WITH SOCKET WELD ENDS TO B 16.11 CS ELBOW 25X3000# SW 90DEG A105 [1" x 3000#]	25	NOS
3	CS SEAMLESS 90 DEG ELBOW CONFIRMS TO ASTM A234 WPB WITH BUTT WELD ENDS TO B 16.9 CS ELBOW 80XSCH 80 BW 90DEG [3" x SCH 80]	75	NOS
4	CS SEAMLESS 90 DEG ELBOW CONFIRMS TO ASTM A234 WPB WITH BUTT WELD ENDS TO B 16.9 CS ELBOW 250XSCH 40 BW 90DEG [10" x SCH 40]	15	NOS
5	CS SEAMLESS EQUAL TEE CONFIRMS TO ASTM A105 WITH SOCKET WELD ENDS TO B 16.11, CS EQUAL TEE 1"X 3000# SW [25MM X 3000#]	75	NOS
6	CS SEAMLESS EQUAL TEE CONFIRMS TO ASTM A234 WPB WITH BUTT WELD ENDS TO B 16.9 EQUAL TEE 3"XSCH80 CS A234 WPB BW [80XSCH80]	25	NOS
7	CS SEAMLESS EQUAL TEE CONFIRMS TO ASTM A234 WPB WITH BUTT WELD ENDS TO B 16.9 EQUAL TEE 10"XSCH40 CS A234 WPB BW [250XSCH40]	2	NOS
8	CS SEAMLESS CONCENTRIC REDUCER CONFIRMS TO ASTM A234 WPB AND BUTT WELD ENDS TO B16.9, CS REDUCER CONCENTRIC 100mm X 80mm X SCH80 BW [4" X 3" X SCH 80]	5	NOS
9	CS SOCKET WELD RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A105 AND DRILLED TO B 16.5 FLANGE 40mmX150# CS A105 SWRF[11/2"X150#]	50	NOS
10	SS316 SOCKET WELD RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A182 F316 AND DRILLED TO B16.5 FLANGE 3"X150# [80mmX150#] SS316 SWRF	15	NOS
11	CS SEAMLESS 90 DEG ELBOW CONFIRMS TO ASTM A105 WITH SOCKET WELD ENDS TO B 16.11 CS ELBOW 40X3000# SW 90DEG A105 [11/2" x 3000#]	80	NOS
12	SS SEAMLESS LONG RADIUS 90DEG ELBOW CONFIRMS TO ASTM A403 WP316 WITH SOCKET WELD ENDS TO B 16.9 ELBOW 2"X3000 SS316 SW 90 DEG [50mmX3000]	15	NOS
13	SS SEAMLESS LONG RADIUS 90DEG ELBOW CONFIRMS TO ASTM A403 WP316 WITH BUTT WELD ENDS TO B 16.9 ELBOW 3"XSCH40 SS316 BW 90 DEG [80mmXSCH40]	5	NOS
14	CS SEAMLESS LONG RADIUS 90 DEGREE ELBOW CONFIRMS TO ASTM A234 WPB WITH BUTT WELD ENDS TO B16.9 ELBOW 12" X SCH 40[300MM X SCH40] CS BW 90 DEG	3	NOS

15	CS SEAMLESS LONG RADIUS 90 DEG ELBOW CONFIRMS TO ASTM A234 WPB WITH BUTT WELD ENDS TO B 16.9 CS ELBOW 4" X SCH 80 BW 90DEG [100MM X SCH 80]	15	NOS
16	CS SEAMLESS LONG RADIUS 45DEG ELBOW CONFIRMS TO ASTM A234 WPB WITH BUTT WELD ENDS TO B 16.9 ELBOW 3"XSCH80 BW CS [80XSCH80] 45 DEG	40	NOS
17	CS SEAMLESS EQUAL TEE CONFIRMS TO ASTM A105 WITH SOCKET WELD ENDS TO B 16.11 CS EQUAL TEE 1/2"X 3000# SW [15MM X 3000#]	50	NOS
18	SS SEAMLESS EQUAL TEE CONFIRMS TO ASTM A182 TP316 WITH SOCKET WELD ENDS TO B 16.11 EQUAL TEE 1"X3000# SS A182 TP316 SW [25mmX3000#]	50	NOS
19	SS SEAMLESS EQUAL TEE CONFIRMS TO ASTM A182 TP316 WITH SOCKET WELD ENDS TO B 16.11 EQUAL TEE 1 1/2"X3000# SS A182 TP316 SW [40mmX3000#]	10	NOS
20	CS SEAMLESS EQUAL TEE CONFIRMS TO ASTM A234 WPB WITH BUTT WELD ENDS TO B 16.9 EQUAL TEE 4"XSCH 80 CS A234 WPB BW [100mmXSCH80]	15	NOS
21	CS SEAMLESS EQUAL TEE CONFIRMS TO ASTM A105 WITH SOCKET WELD ENDS TO B 16.11 CS EQUAL TEE 1 1/2"X 3000# SW [40MM X 3000#]	10	NOS
22	CS SEAMLESS UNEQUAL TEE CONFIRMS TO ASTM A234 WPB WITH BUTT WELD ENDS TO B 16.9 UNEQUAL TEE 2"X1 1/2"XSCH 80 CS A234 WPB BW [50MMX40MMXSCH80]	2	NOS
23	CS SEAMLESS CONCENTRIC REDUCER CONFIRMS TO ASTM A234 WPB AND BUTT WELD ENDS TO B16.9, CS REDUCER CONCENTRIC 100mm X 80mm X SCH40 BW [4" X 3" X SCH 40]	15	NOS
24	CS SOCKET WELD RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5 FLANGE 3/4 "X300# [20mmX300#] CS SWRF	50	NOS
25	CS SOCKET WELD RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5 FLANGE 3/4 "X150# [20mmX150#] CS SWRF	100	NOS
26	CS SOCKET WELD RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5 FLANGE 1/2 "X150# [15mmX150#] CS SWRF	50	NOS
27	CS SOCKET WELD RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5 FLANGE 1 "X300# [25mmX300#] CS SWRF	15	NOS
28	SS316 SOCKET WELD RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A182 F316 AND DRILLED TO B16.5 FLANGE 1 "X150# [25mmX150#] SS316 SWRF	3	NOS
29	CS WELD NECK RAISED FACE (WNRF) SERRATED FLANGE CONFIRMS TO ASTM A 105 & DRILLED TO B16.5 CS FLANGE 4" X 150# XSCH 80 WNRF A 105(100mmX150#XSCH80)	30	NOS
30	CS WELD NECK RAISED FACE (WNRF) SERRATED FLANGE CONFIRMS TO ASTM A 105 & DRILLED TO B16.5 CS FLANGE 3" X 300# XSCH 80 WNRF A 105(80mmX300#XSCH80)	50	NOS
31	CS WELD NECK RAISED FACE (WNRF) SERRATED FLANGE CONFIRMS TO ASTM A 105 & DRILLED TO B16.5 CS FLANGE 10" X 300# XSCH 80 WNRF A 105(250mmX300#XSCH80)	5	NOS

32	SS WELD NECK RAISED FACE (WNRF) SERRATED FLANGE CONFIRMS TO ASTM A182 F316 AND DRILLED TO B16.5 SS316 FLANGE 4" X 300# XSCH 80 WNRF A 105(100mmX300#XSCH80)	5	NOS
33	CS SEAMLESS HALF COUPLING CONFIRMS TO ASTM A105 Gr II with socket weld ends to B16.11 CS COUPLING HALF ¾"X3000 SW CS (20MMX3000)	100	NOS
34	CS SEAMLESS HALF COUPLING CONFIRMS TO ASTM A105 Gr II with socket weld ends to B16.11 CS COUPLING HALF 1"X3000 SW CS (25MMX3000)	25	NOS
35	CS SEAMLESS HALF COUPLING CONFIRMS TO ASTM A105 GR II WITH SOCKET WELD ENDS TO B16.11 CS COUPLING HALF 1 1/2"X3000 SW CS (40MMX3000)	75	NOS
36	CS SEAMLESS LONG RADIUS 90DEG ELBOW CONFIRMS TO ASTM A234 WPB WITH BUTT WELD ENDS TO B 16.9 ELBOW 8"XSCH40 BW CS [200XSCH40] 90DEG	15	NOS
37	CS WELD NECK RAISED FACE (WNRF) SERRATED FLANGE CONFIRMS TO ASTM A 105 & DRILLED TO B16.5 CS FLANGE 4" X 300# XSCH 80 WNRF A 105(100mmX300#XSCH80)	15	NOS
38	CS SEAMLESS EQUAL TEE CONFIRMS TO ASTM A105 WITH SOCKET WELD ENDS TO B 16.11---IBR GRADE CS EQUAL TEE 1/2"X 3000# SW [15MM X 3000#]IBR	40	NOS
39	CS SOCKET WELD RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5 FLANGE 3"X300# [80mmX300#] CS SWRF A105	15	NOS
40	SS316 SOCKET WELD RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 182 F316 AND DRILLED TO B16.5 SS316 FLANGE 6"X150# [150mmX150#] SWRF A182 F316	1	NOS
41	CS SEAMLESS FULL COUPLING CONFIRMS TO ASTM A105 Gr II with socket weld ends to B16.11 CS COUPLING FULL 1"X3000 SW CS (25MMX3000)	50	NOS
42	CS SEAMLESS LONG RADIUS 45 DEG ELBOW CONFIRMS TO ASTM A234 WPB WITH BUTT WELD ENDS TO B 16.9 CS ELBOW 4" X SCH 80 BW 45DEG [100MM X SCH 80]	10	NOS
43	CS SOCKET WELD RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5....IBR GRADE FLANGE 6"X300# [150mmX300#] CS IBR SWRF A105	2	NOS
44	SS SEAMLESS LONG RADIUS 90DEG ELBOW CONFIRMS TO ASTM A403 WP316 WITH BUTT WELD ENDS TO B 16.9 ELBOW 6"XSCH80 SS316 BW 90 DEG [150mmXSCH80]	5	NOS
45	SS SEAMLESS CONCENTRIC REDUCER CONFIRMS TO ASTM A403 WP316 WITH BUTT WELD ENDS TO B 16.9 CONCENTRIC REDUCER 2" X 1" X SCH80 SS316 BW [50MM X 25MM X SCH80]	2	NOS
46	CS SEAMLESS ECCENTRIC REDUCER CONFIRMS TO ASTM A234 WPB WITH BUTT WELD ENDS TO B 16.9 CS REDUCER 10" X 4" X SCH 40 BW [250MM X 100MM X SCH 40]	1	NOS
47	CS SOCKET WELD RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5 FLANGE 2" X 125# [50mmX125#] CS SWRF A105	15	NOS
48	CS SOCKET WELD RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5 FLANGE 3" X 125# [80mmX125#] CS SWRF A105	10	NOS

49	CS SOCKET WELD RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5 FLANGE 4" X 125# [100mmX125#] CS SWRF A105	50	NOS
50	CS SOCKET WELD RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5 FLANGE 6" X 125# [150mmX125#] CS SWRF A105	20	NOS
51	CS SLIP ON RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5 FLANGE 6" X 150# [150mmX150#] CS SORF A105	25	NOS
52	CS SLIP ON RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5 FLANGE 4" X 150# [100mmX150#] CS SORF A105	20	NOS
53	CS SLIP ON RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5 FLANGE 8" X 150# [200mmX150#] CS SORF A105	10	NOS
54	CS SLIP ON RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5 FLANGE 10" X 150# [250mmX150#] CS SORF A105	20	NOS
55	CS SLIP ON RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5 FLANGE 20" X 150# [500mmX150#] CS SORF A105	16	NOS
56	SS316 SOCKET WELD RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 182 F316 AND DRILLED TO B16.5 SS316 FLANGE 1 1/2"X1500# [40mmX1500#] SWRF A182 F316	10	NOS
57	CS WELD NECK RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5 FLANGE 1 1/2" X 150#XSCH 80 [40MMX150#XSCH80] CS WNRF A105	5	NOS
58	CS SLIP ON RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5 FLANGE 10" X 300# [250mmX300#] CS SORF A105	6	NOS
59	SS316 WELD NECK RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 182 F316 AND DRILLED TO B16.5 SS316 FLANGE 6"X300#XSCH 80 [150mmX300#XSCH 80] WNRF A182 F316	10	NOS
60	CS SEAMLESS ECCENTRIC REDUCER CONFIRMS TO ASTM A234 WPB WITH BUTT WELD ENDS TO B 16.9 CS ECCENTRIC REDUCER 6" X 4" X SCH 80 BW [150MM X 100MM X SCH 80]	5	NOS
61	CS SEAMLESS ECCENTRIC REDUCER CONFIRMS TO ASTM A234 WPB WITH BUTT WELD ENDS TO B 16.9 CS ECCENTRIC REDUCER 6" X 3" X SCH 80 BW [150MM X 80MM X SCH 80]	4	NOS
62	CS SEAMLESS CONCENTRIC REDUCER CONFIRMS TO ASTM A105 WITH SOCKET WELD ENDS TO B 16.9...IBR GRADE CS CONCENTRIC REDUCER 1" X1/2" X 3000# SW [25MM X 15MM X 3000#] IBR A105	2	NOS
63	CS SEAMLESS LONG RADIUS 90 DEG ELBOW CONFIRMS TO ASTM A234 WPB WITH BUTT WELD ENDS TO B 16.9...IBR GRADE CS ELBOW 3" X SCH 80 BW 90DEG [80MM X SCH 80] IBR A234WPB	50	NOS
64	CS SEAMLESS LONG RADIUS 45 DEG ELBOW CONFIRMS TO ASTM A234 WPB WITH BUTT WELD ENDS TO B 16.9...IBR GRADE CS ELBOW 3" X SCH 80 BW 45 DEG [80MM X SCH 80] IBR A234WPB	25	NOS
65	CS SEAMLESS LONG RADIUS 90 DEG ELBOW CONFIRMS TO ASTM A234 WPB WITH BUTT WELD ENDS TO B 16.9...IBR GRADE CS ELBOW 2" X SCH 80 BW 90DEG [50MM X SCH 80] IBR A234WPB	15	NOS

66	CS SOCKET WELD RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5...IBR GRADE FLANGE 3" X 150# [80mmX150#] CS SWRF A105 IBR	15	NOS
67	CS WELD NECK RAISED FACE SERRATED FLANGE CONFIRMS TO ASTM A 105 AND DRILLED TO B16.5 IBR GRADE FLANGE 4" X 300# XSCH80[40mmX300#XSCH80] CS WNRF A105 IBR	5	NOS
68	CS SEAMLESS PIPE CONFIRMS TO ASTM A 106GR B WITH BUTT WELD ENDS, TO BE SUPPLIED IN RANDOM LENGTH OF 5-7 METERS- IBR GRADE CS PIPE 2"XSCH80 [50MM X SCH80] IBR A106	100	MTR
69	CS SEAMLESS PIPE CONFIRMS TO ASTM A 106GR B WITH BUTT WELD ENDS, TO BE SUPPLIED IN RANDOM LENGTH OF 5-7 METERS- IBR GRADE CS PIPE 3"XSCH80 [80MM X SCH80] IBR A106	150	MTR

NOTE:

- ALL CERTIFICATES AS PER QAP INCLUDING MATERIAL TEST CERTIFICATES FROM NABL / GOVT. APPROVED LABS / WELL KNOWN MANUFACTURERS, HYDROTEST CERTIFICATES AND IIIRD PARTY INSPECTION CERTIFICATES SHOULD BE PROVIDED ALONG WITH SUPPLY.
- IBR TEST CERTIFICATE IN ORIGINAL FOR ITEM NO. 38, 43 & 62 to 69 SHOULD BE SUBMITTED ALONG WITH THE SUPPLY.
- **THESE PIPES & FITTINGS ARE REQUIRED FOR ANNUAL SHUTDOWN. HENCE THE VENDORS HAS TO SUPPLY THESE PIPES & FITTINGS AT HOCL SITE BEFORE 01ST MARCH 2024. All the processes like Third Party Inspection and dispatching of the material (so as to deliver the material at HOCL before MAR 2024) etc. should be completed before MAR 2024.**
- **THIRD PARTY INSPECTION: PLEASE NOTE THAT 100% THIRD PARTY INSPECTION WILL BE APPLICABLE IN THIS PROCUREMENT. YOU SHALL INTIMATE US WHEN THE ITEMS ARE READY. WE WILL ARRANGE FOR THIRD PARTY INSPECTION OF MATERIALS THROUGH OUR APPROVED TPI AGENCIES.**

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.THE INSPECTION WITNESSING CHARGES TO THE THIRD PARTY SHALL BE BORNE BY HOCL AS PER HOCL'S AGREEMENT WITH THE THIRD PARTY. HOWEVER WHATEVER COST INCURRING FOR INSPECTION OF MATERIAL (LIKE NDT ETC.) SHOULD BE BORNE BY THE SUPPLIER. HENCE AS PER THE GEM TENDER TERMS THE RATE QUOTED SHALL BE ALL INCLUSIVE

QAP IS GIVEN BELOW



**HINDUSTAN ORGANIC CHEMICALS LIMITED
AMBALAMUGAL**

QUALITY ASSURANCE PLAN (QAP)

P.O. No. :				QAP No. HOC/QAP/PIPES		P = Perform by		1. Third Party Inspection				
Description :		PIPES		Revision :		W= Witness by		2. Supplier				
Inspection by :				Date :		R= Review by		3. HOCL				
						IR - Inspection Records						
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 MATERIAL INSPECTION												
1.1	Raw Material Identification	1	Chemical & Physical Properties	Major	Measurement / Review	100% Review	Relevant ASTM Specification	MTC	2	-	-	
1.2	Heat Treatment	2	Process / Charts	Major	Review	100% Review	Relevant ASTM Specification	Relevant ASTM Specification	2	-	-	
2.0 IN PROCESS INSPECTION												
2.1	Pipes	1	Dimension Check	Major	Visual & Measurement	100% Review	Relevant ASTM Specification	IR	2	2	-	
3.0 FINAL INSPECTION (TPI)												
3.1	Finished Pipes	1	Chemical & Mechanical Properties	Critical	Review Test Certificates	100%	As per relevant ASTM Standards	MTC	2	-	1	
3.2	Dimension	2	Dimensional Check	Critical	Dimension Measurement	100%	Relevant ASTM/ASME Specification	I.R.	2	1	-	
3.3	Ultrasonic Thickness Gauging	3	Thickness Check	Critical	Thickness Measurement	100%	As per applicable ASTM Standards	I.R.	2	1	-	
3.4	Hydrostatic Test	4	Hydrostatic Pressure Testing	Critical	Measurement	100%	As per applicable ASTM Standards	I.R.	2	1	-	10% Witness by TPI
3.5	Marking & Stamping	5	Identification	Visual	Critical	100%	As per applicable ASTM Standards /MSS-SP-25	I.R.	2	-	1	



**HINDUSTAN ORGANIC CHEMICALS LIMITED
AMBALAMUGAL**

QUALITY ASSURANCE PLAN (QAP)

P.O. No. :		QAP No. HOC/QAP/PIPES		P = Perform by		1. Third Party Inspection					
Description :		Revision :		W= Witness by		2. Supplier					
Inspection by :		Date :		R= Review by		3. HOCL					
				IR - Inspection Records							
Sl.No.	Components & Operation	Characteristics	Classification	Type of Check	Quantum of Check	Reference Documents / Acceptance Norms	Format of Records	Agency			Remarks
								P	W	R	
3.6	Final Clearance (Insp.) & Despatch	6 Verification of documents and issue of inspection clearance note	Critical	Verification	100%	P.O., PR	MTC / IRN TPI	1, 2	-	1, 3	

Signature & Stamp of the tenderer



**HINDUSTAN ORGANIC CHEMICALS LIMITED
AMBALAMUGAL**

QUALITY ASSURANCE PLAN (QAP)

P.O. No. :		QAP No. HOC/QAP/FITTINGS		P = Perform by		1. Third Party Inspection						
Description :		PIPE FITTINGS		Revision :		2. Supplier						
Inspection by :		Date :		R= Review by		3. HOCL						
				IR - Inspection Records								
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 MATERIAL INSPECTION												
1.1	Raw Material Identification	1	Chemical & Physical Properties	Major	Measurement / Review	100% Review	Relevant ASTM Specification	MTC	2	-	-	
1.2	Heat Treatment	2	Process / Charts	Major	Review	100% Review	Relevant ASTM Specification	Relevant ASTM Specification	2	-	-	
2.0 IN PROCESS INSPECTION												
2.1	Fittings	1	Dimesnion Check	Major	Visual & Measurement	100% Review	Relevant ASTM Specification	IR	2	2	-	
3.0 FINAL INSPECTION (TPI)												
3.1	Finished Fittings	1	Chemical & Mechanical Properties	Critical	Review Test Certificates	100%	As per relevant ASTM Standards	MTC	2	-	1	
3.2	Visual	2	Visual check for dimensional discontinuity	Critical	Surface check	100%	Relevant ASTM/ASME/MSS Specification	I.R.	2	1	-	
3.3	Dimension	3	Dimesnional Check	Critical	Dimension Measurement	100%	Relevant ASTM/ASME/MSS Specification	I.R.	2	1	-	



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QUALITY ASSURANCE PLAN (QAP)

P.O. No. :		QAP No. HOC/QAP/FITTINGS		P = Perform by		1. Third Party Inspection					
Description :		PIPE FITTINGS		Revision :		2. Supplier					
Inspection by :		Date :		R= Review by		3. HOCL					
				IR - Inspection Records							
Sl.No.	Components & Operation	Characteristics	Classification	Type of Check	Quantum of Check	Reference Documents / Acceptance Norms	Format of Records	Agency			Remarks
								P	W	R	
3.4	NDT	4 RT for Welded fittings UT for Seamless fittings MPI at Butt Weld end with THK >/= 6mm DP at Butt Weld end with THK < 6mm UT for wrought / fittings	Critical	Measurement	100%	As per relevant ASTM Standards	I.R.	2	1	-	
3.7	Marking & Stamping	5 Identification	Visual	Critical	100%	As per applicable ASTM Standards /MSS-SP-25	I.R.	2	-	1	
3.7	Final Clearance (Insp.) & Despatch	6 Verification of documents and issue of inspection clearance note	Critical	Verification	100%	P.O., PR	MTC / IRN TPI	1, 2	-	1, 3	

Signature & Stamp of the tenderer



**HINDUSTAN ORGANIC CHEMICALS LIMITED
AMBALAMUGAL**

QUALITY ASSURANCE PLAN (QAP)

P.O. No. :				QAP No. HOC/QAP/FLANGES		P = Perform by		1. Third Party Inspection				
Description :		FLANGES		Revision :		W= Witness by		2. Supplier				
Inspection by :				Date :		R= Review by		3. HOCL				
						IR - Inspection Records						
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 MATERIAL INSPECTION												
1.1	Raw Material Identification	1	Chemical & Physical Properties	Major	Measurement / Review	100% Review	Relevant ASTM Specification	MTC	2	-	-	
1.2	Heat Treatment	2	Process / Charts	Major	Review	100% Review	Relevant ASTM Specification	Relevant ASTM Specification	2	-	-	
2.0 IN PROCESS INSPECTION												
2.1	Flanges	1	Dimension Check	Major	Visual & Measurement	100% Review	Relevant ASTM Specification	IR	2	2	-	
3.0 FINAL INSPECTION (TPI)												
3.1	Finished Flanges	1	Chemical & Mechanical Properties	Critical	Review Test Certificates	100%	Relevant ASTM Specification	MTC	2	-	1	
3.2	Dimension	2	Dimensional Check	Critical	Dimension Measurement	100%	Relevant ASTM/ASME Specification	I.R.	1,2	1	-	
3.3	Ultrasonic Thickness Gauging	3	Thickness Check	Critical	Thickness Measurement	100%	Relevant ASTM/ASME Specification	I.R.	1,2	1	-	
3.4	Liquid Penetrant Test	4	Check for surface discontinuity by LPT	Critical	Surface discontinuity Examination	100%	Relevant ASTM/ASME Specification	I.R.	1,2	1	-	
3.5	Marking & Stamping	5	Identification	Visual	Critical	100%	As per applicable ASTM Standards /MSS-SP-25	I.R.	2	1	-	



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QUALITY ASSURANCE PLAN (QAP)

P.O. No. :		QAP No. HOC/QAP/FLANGES		P = Perform by		1. Third Party Inspection					
Description : FLANGES		Revision :		W= Witness by		2. Supplier					
Inspection by :		Date :		R= Review by		3. HOCL					
				IR - Inspection Records							
Sl.No.	Components & Operation	Characteristics	Classification	Type of Check	Quantum of Check	Reference Documents / Acceptance Norms	Format of Records	Agency			Remarks
								P	W	R	
3.6	Final Clearance (Insp.) & Despatch	6 Verification of documents and issue of inspection clearance note	Critical	Verification	100%	P.O., PR	MTC / IRN TPI	1, 2	-	1, 3	

Signature & Stamp of the tenderer