

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	08-07-2023 15:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	08-07-2023 15:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	120 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Finance
Department Name/विभाग का नाम	Department Of Economic Affairs
Organisation Name/संगठन का नाम	Security Printing And Minting Corporation Of India Limited (spmcl)
Office Name/कार्यालय का नाम	Janpath
Total Quantity/कुल मात्रा	45
Item Category/मद केटगरी	Control Valve DN 25 , Control Valve DN 32 , Control Valve DN 40 , Control Valve DN 50 , Control Valve DN 80 , Control Valve DN 65 , Control Valve DN 100 , Control Valve DN 125 , Control Valve DN 150 , Control Valve DN 300
BOQ Title/बीओक्यू शीर्षक	Control Valve
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Certificate (Requested in ATC) *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
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid
Primary product category	Control Valve DN 25
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	7 Days

Bid Details/बिड विवरण	
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	Indusind bank
EMD Amount/ईएमडी राशि	439000

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	Indusind bank
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	10.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	16

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

Beneficiary/लाभार्थी :

SECURITY PAPER MILL, NARMADAPURAM
SECURITY PAPER MILL, NARMADAPURAM
(Neeraj Kumar)

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. 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. 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.
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.
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.

Control Valve DN 25

(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/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Neeraj Kumar	461005,Security Paper Mill ,Narmadapuram , Madhya Pradesh	6	60

Control Valve DN 32

(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/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Neeraj Kumar	461005,Security Paper Mill ,Narmadapuram , Madhya Pradesh	3	60

Control Valve DN 40

(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/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Neeraj Kumar	461005,Security Paper Mill ,Narmadapuram , Madhya Pradesh	10	60

Control Valve DN 50

(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

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	Neeraj Kumar	461005,Security Paper Mill ,Narmadapuram , Madhya Pradesh	10	60

Control Valve DN 80

(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	Neeraj Kumar	461005,Security Paper Mill ,Narmadapuram , Madhya Pradesh	4	60

Control Valve DN 65

(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/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Neeraj Kumar	461005,Security Paper Mill ,Narmadapuram , Madhya Pradesh	3	60

Control Valve DN 100

(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	Neeraj Kumar	461005,Security Paper Mill ,Narmadapuram , Madhya Pradesh	4	60

Control Valve DN 125

(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	Neeraj Kumar	461005,Security Paper Mill ,Narmadapuram , Madhya Pradesh	1	60

Control Valve DN 150

(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/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Neeraj Kumar	461005,Security Paper Mill ,Narmadapuram , Madhya Pradesh	3	60

Control Valve DN 300

(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	Neeraj Kumar	461005,Security Paper Mill ,Narmadapuram , Madhya Pradesh	1	60

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. Forms of EMD and PBG

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

SECURITY PAPER MILL
payable at
NARMADAPURAM

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

3. Forms of EMD and PBG

Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of A/C (Name of the Buyer). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in the favour of the bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Bidder has to upload scanned copy/ proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date/ Bid Opening date

4. Forms of EMD and PBG

Bidders can also submit the EMD with Banker's Cheque in favour of

SECURITY PAPER MILL
payable at
NARMADAPURAM

Bidder has to upload scanned copy / proof of the BC along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

5. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

SECURITY PAPER MILL
payable at
NARMADAPURAM

. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

6. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of

SECURITY PAPER MILL, NARMADAPURAM

A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

7. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

i) Required Terms of Delivery: F.O.R. Security Paper Mill Narmadapuram (Duly Unloaded) Transport the contracted material/supplies only through Registered Common Carriers.

Delivery period: within 60 Days from the date of issue of GeM contract.

ii) Payment Terms: 100% on receipt and acceptance (suitability) of goods by the SPM, Narmada puram and on production of all required documents by the supplier.

iii) Bidder Should Quote Prices Inclusive of GST And All Cost Components Such As Packing & Forwarding Details, Freight & Insurance Charges upto Destination etc. on FOR Security Paper Mill, Narmadapuram (Madhya Pradesh), India basis only.

iv) Liquidated Damages (LD) Clause: If the contractor fails to deliver the goods and/or services or any installment thereof within the Delivery Period, SPM Narmadapuram shall, without prejudice to other rights and remedies available to SPM, Narmadapuram under the contract, deduct from the contract price, as Liquidated damages, a sum equivalent to the rate of 0.5 Percent of the delivered price of the delayed goods and/or services along with applicable GST of 18% on the LD amount for each week of delay or part thereof until actual delivery or performance, subject to a maximum deduction of the 10% (plus GST on the LD amount) of the delayed goods or services.

v) The terms and conditions, guidelines of SPMCIL Procurement Manual Version 2.0 will be applicable to this bid at any stage to avoid any conflict at later stage. Kindly refer General Instructions to Tenderer (GIT) and General Conditions of Contract (GCC) of SPMCIL Procurement Manual Version 2.0 for additional terms and conditions as per the links given below:

GIT: <https://spmCIL.com/uploaddocument/GIT/new.pdf>

GCC: <https://spmCIL.com/uploaddocument/GCC/new.pdf>

vi) SPM (as Buyer) is liable to deduct TDS u/s 194Q @ applicable rate on goods purchases (if applicable). In case of deduction of TDS under section 194Q; the Supplier (Vendor) need not to charge TCS u/s 206C (1H) on invoicing on or after 01.07.2021.

vii) Vendor has to submit declaration in specified format for the compliance of Section 206AB of Income Tax Act, 1961. In case of non-submission of declaration; TDS will be deducted at higher rates (as applicable) as per section 206AB.

viii) GST Return: Supplier should file the GST returns for outward supplies in time. In case of any Input Credit Loss to SPM by way of their failure to file GST Returns in time, SPM reserves the right to withhold the payment of further supplies till production of evidence of filing of Returns.

ix) Bidder shall submit duly seal & signed copy of **Technical Specifications**.

x) WARRANTY CLAUSE:

20.1 The warranty shall remain valid for One year from date of final acceptance by the user dept..

20.2 In case of any claim arising out of this warranty, SPMCIL shall promptly notify the same in writing to the supplier.

20.3 Upon receipt of such notice, the supplier shall, with all reasonable speed replace the defective goods or parts thereof, free of cost, at the ultimate destination. The supplier shall take over the replaced parts/ goods after providing their replacements and no claim, whatsoever shall lie on SPM for such replaced parts/ goods thereafter.

20.4 In the event of any rectification of a defect or replacement of any defective goods during the warranty period, the warranty for the rectified/ replaced goods shall be extended to a further period of twelve months from the date such rectified / replaced goods starts functioning to the satisfaction of SPM.

20.5 If the supplier, having been notified, fails to rectify/replace the defect(s) within a reasonable period SPM may proceed to take such remedial action(s) as deemed fit by SPM, at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which SPM may have against the supplier.

SUBMISSION OF TENDER:

(6) Firm has to submit following documents :-

(A) For MSME Firms:

- i. Firm shall submit the valid MSME certificate and the tendered item must be listed in the MSME certificate store list. Non-submission of valid MSME certificate and non-availability of the tendered item in the store list of this certificate shall lead to rejection of the offer.
- ii. One original Tender document copy shall be submitted with seal and sign. It should not have any price aspect.
- iii. Power of Attorney/Authorization with the seal of the company of person signing the tender documents.
- iv. Fully filled tender form as per Section-X is to be submitted. No price details are to be given in this bid. In case if any price detail is given, then the bids are liable to be rejected.
- v. If required SPM may visit the factory during Tender stage, to ascertain the bidder manufacturing capability & quality control methodology.

Firm should submit the following:-

- a) Infrastructure details
 - b) Machinery list
 - c) Organization structure
- vi. Bidder has to submit the following information regarding capacity and performance:
- a. Name of the machine utilized to supply the quoted product.
 - b. The number of machines being utilized for the production and the capacity of each machine.

- c. Total Annual Capacity of the manufacturer.
- a. Supply orders in hand and proportionate capacity to supply quoted amount.

(B) For Non MSME Firms:

- i) One original Tender document copy shall be submitted with seal and sign. It should not have any price aspects.
- ii) Manufacturing/Authorization Certificate :
 - (a) If the bidder firm is manufacturer then firm has to submit the valid registration certificate.
 - (b) If the bidder firm is not the manufacturer then firm has to submit the valid manufacturers authorization certificate of the item supplied as per the standard form duly filled by OEM as per Annexure-XI V of this tender document. Manufacturer authorization certificate should be signed by a person competent and having the power of attorney to legally bind the manufacturer.
 - iii) Containing un priced tender consisting commercial package including all terms and conditions. No price details to be given in this tender (as per Section-X).
 - iv) Bidder has to submit the following information regarding capacity and performance:
 - a. Name of the machine utilized to supply the quoted product.
 - b. The number of machines being utilized for the production and the capacity of each machine.
 - c. Total Annual Capacity of the manufacturer.
 - d. Supply orders in hand and proportionate capacity to supply quoted amount.

Section IX: Qualification/Eligibility Criteria

1. Experience & Past Performance:

The Bidder Firm should have manufactured and supplied control Valve to any Govt./PSU or any other reputed organization during last five years ending on 31st March, 2022.

Note: Startups and Micro and Small Enterprises are exempted from Experience and Past Performance Criteria.

2. Capability-Equipment & Manufacturing Facilities:-

Bidder Firm including the local supplier must have an annual capacity to manufacture and supply in last year or higher capacity with lower or similar frame size.

3. Financial Standing :-

(a) The average annual turn-over of the Bidder during the last three (3) years, ending 31st March 2022, should be more than Rs.87,75,639.23.

Note: Startups and Micro and Small Enterprises are exempted from Experience and Past Performance Criteria.

(b) The Bidder firm including the local supplier should not have suffered any financial loss for more than one (1) year during the last three (3) years, ending 31st March 2022.

(c) The net worth of the Bidder firm including the local supplier should not have eroded by

more than 30% in the last three (3) years, ending 31st March 2022.

(d)

I. 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.

II. #Bidder# (including the term# tenderer#, #consultant# or #service provider# in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not failing in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

III. #Bidder from a country which shares a land border with India# for the purpose of this Order means:-

- a. An entity incorporated, established or registered in such a country; or
- b. A subsidiary of an entity incorporated, established or registered in such a country; or
- c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
- d. An entity whose beneficial owner is situated in such a country; or
- e. An Indian (or other) agent of such an entity; or
- f. A natural person who is a citizen of such a country; or
- g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.

IV. The beneficial owner of the purpose of (iii) above will be as under:

1. In case of company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

Explanation-

- a. #Controlling ownership interest# means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company.
- b. #Control# shall include the right to appoint majority of the directors or to control the management or policy

decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements.

2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership.

3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals.

4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official.

5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust,

the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

V. An Agent is a person employed to do any act for another, or to represent another in dealings with third person.

VI. The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

VII. Following undertaking shall be submitted along with the bid on the letter head with seal and signed by the competent authority:

#I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that M/s (Firm's Name) is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that M/s..... (Firm's Name) fulfills all requirements in this regard and is eligible to be considered. (Where applicable, evidence of valid registration by the Competent Authority shall be attached.)#.

I, the undersigned, declare that the item originates in.....

(Name of the country).

NOTE:-

1. All experience, past performance and capacity/capability related data should be certified by the authorized signatory of the Bidder firm. The credentials regarding experience and past performance to the extent required as per the above eligibility criteria as submitted by the Bidder may be verified from the parties for whom work has been done.
2. All financial standing data should be certified by certified accountants e.g. Chartered Accountants (CA) in India and Certified Public Accountant/ Chartered Accountant of other countries.
3. In case agent/dealer submitted bid in the tender, then their principal/manufacture shall meet the qualifying criteria. Agent/Dealer shall submit the documents of their principal/manufacture meeting the qualifying criteria.

4. MOST IMPORTANT NOTE:-

BIDDER TO FURNISH STIPULATED DOCUMENTS IN SUPPORT OF FULFILLMENT OF QUALIFYING CRITERIA. NON-SUBMISSION OR INCOMPLETE SUBMISSION OF DOCUMENTS MAY LEAD TO REJECTION OF OFFER.

NOTE:

1.SL. NO. 15 OF ITEM NO. 10 TO 100 OF Section VII: Technical Specifications MAY BE READ AS " WORKING TEMPERATURE: -30 DEGREE CELSIUS TO 200 DEGREE CELSIUS"

2. SL. NO. 9 OF ITEM NO. 100 OF Section VII: Technical Specifications MAY BE READ AS " DIAMETER (ØD): 372 ± 2mm".

8. 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---

Section VII: Technical Specifications

Control valve DN 25: Item No. 10

Specification of ball segment valve type:

1. Type of valve: Centrally mounted segment , wafer style
2. Nominal Pressure: PN40/ Class 300
3. Valve body material: CF8M (1.4408) or equivalent
4. Segment material: 1.4460 SS2324-12 , Hard chromed or equivalent
5. Seat Material: PTFE(10% carbon, % by weight) or equivalent
6. Shaft Material: 1.4460 SS2324-12 , Hard chromed or equivalent
7. Valve size: DN 25
8. Shaft diameter (ØG) : 15mmh9 to 20mmh9
9. Flange to flange (A): 60± 2mm
10. Diameter (ØD) : 66mm±2mm
11. Keyway length (K) : 35mm to 45 mm
12. Keyway width (S) : 5mm
13. Total height with Key on shaft (L) : 17mm to 28 mm
14. E : 60mm to 115 mm
15. Working Temp. #.30 # to 200# #..

All dimensions should be as per attached drawing (Drawing No.1).

Model no. KVT-A6-AKB-B11-DN25 Make Somas or equivalent

Specification of pneumatic actuator:

1. Double acting actuator
 2. High temperature design
 3. Shaft diameter : compatible for ball segment valve having shaft diameter 15mm to 20mm
 4. Air supply : 4 - 8 bar, clean and dry instrument air acc. to ISO 8573-1
 5. Rotary motion: Max 95° , adjustable travel stops
 6. Ambient temperature: # 40 to + 90 °C (standard)
- Model no. A11-DA-D15-F07 Make SOMAS or equivalent

Specification for Valve Positioner (Smart electro-pneumatic positioner):

1. Type: - Smart electro-pneumatic positioner for double acting pneumatic actuators.
2. Application: - Pneumatic actuators position control as per Input signal.
3. Positioner should have 2-line LCD Indicator and operating buttons for monitoring & configuration.
4. Position indication: Visual indication of the valve position.
5. Input signal: - 4-20 mA Dc
6. Communication: - HART Communication
7. Positioner Housing Material made of aluminum,
8. Output / Safe Position in case of an electrical power failure Double acting, fail safe.
9. Connections: - Cable: Thread M20 x 1.5, air pipe: Thread G 1/4
10. Supply Media: Air
11. Input air supply pressure: - 1.4 to 6 Bar
12. Enclosure weather protection class: - IP65 Rating
13. Air Consumption: - < 0.03 kg/h / 0.015 scfm
14. Local pressure Gauge for Input supply and output air pressure.

Model : V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas or equivalent

Note: Pneumatic actuator must be compatible with above mentioned smart electro-pneumatic positioner model No. (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas).

Electro-pneumatic positioner must be one to one interchangeable with Existing positioner (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas) in term of mounting and fittings.

There should not be any difference / deviation and should proper retrofit.

Control valve DN 32: Item No. 20

Specification of ball segment valve type:

1. Type of valve: Centrally mounted segment , wafer style
2. Nominal Pressure: PN40/ Class 300
3. Valve body material: CF8M (1.4408) or equivalent
4. Segment material: 1.4460 SS2324-12 , Hard chromed or equivalent
5. Seat Material: PTFE(10% carbon, % by weight) or equivalent
6. Shaft Material: 1.4460 SS2324-12 , Hard chromed or equivalent
7. Valve size: DN 32
8. Shaft diameter (ØG) : 15mmh9 to 20mmh9
9. Flange to flange (A): 60± 2mm
10. Diameter (ØD) : 85mm±2mm
11. Keyway length (K) : 35mm to 45 mm
12. Keyway width (S) : 5mm
13. Total height with Key on shaft (L) : 17mm to 28 mm
14. E : 60mm to 115 mm
15. Working Temp. #.30 # to 200# #..

All dimensions should be as per attached drawing(Drawing No.1)..

Model no. KVTW-A6-AKB-B11-DN32 Make Somas or equivalent

Specification of pneumatic actuator:

1. Double acting actuator
2. High temperature design
3. Shaft diameter : compatible for ball segment valve having shaft diameter 15mm to 20mm
4. Air supply : 4 - 8 bar, clean and dry instrument air acc. to ISO 8573-1
5. Rotary motion: Max 95° , adjustable travel stops
6. Ambient temperature: # 40 to + 90 °C (standard)

Model no. A11-DA-D15-F07 Make SOMAS or equivalent

Specification for Valve Positioner (Smart electro-pneumatic positioner):

1. Type: - Smart electro-pneumatic positioner for double acting pneumatic actuators.
2. Application: - Pneumatic actuators position control as per Input signal.
3. Positioner should have 2-line LCD Indicator and operating buttons for monitoring & configuration.
4. Position indication: Visual indication of the valve position.
5. Input signal: - 4-20 mA Dc
6. Communication: - HART Communication
7. Positioner Housing Material made of aluminum,
8. Output / Safe Position in case of an electrical power failure Double acting, fail safe.
9. Connections: - Cable: Thread M20 x 1.5, air pipe: Thread G 1/4
10. Supply Media: Air
11. Input air supply pressure: - 1.4 to 6 Bar
12. Enclosure weather protection class: - IP65 Rating
13. Air Consumption: - < 0.03 kg/h / 0.015 scfm
14. Local pressure Gauge for Input supply and output air pressure.

Model : V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas or equivalent

Note: Pneumatic actuator must be compatible with above mentioned smart electro-pneumatic positioner model No. (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas).

Electro-pneumatic positioner must be one to one interchangeable with Existing positioner (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas) in term of mounting and fittings.

There should not be any difference / deviation and should proper retrofit.

Control valve DN 40: Item No. 30

Specification of ball segment valve type:

1. Type of valve: Centrally mounted segment , wafer style
2. Nominal Pressure: PN40/ Class 300
3. Valve body material: CF8M (1.4408) or equivalent
4. Segment material: 1.4460 SS2324-12 , Hard chromed or equivalent
5. Seat Material: PTFE(10% carbon, % by weight) or equivalent
6. Shaft Material: 1.4460 SS2324-12 , Hard chromed or equivalent
7. Valve size: DN 40
8. Shaft diameter (ØG) : 15mmh9 to 20mmh9
9. Flange to flange (A): 85± 2mm
10. Diameter (ØD) : 90mm±5mm
11. Keyway length (K) : 35mm to 45 mm
12. Keyway width (S) : 5mm
13. Total height with Key on shaft (L) : 17mm to 28 mm
14. E : 60mm to 115 mm
15. Working Temp. #.30 # to 200# #..

All dimensions should be as per attached drawing (Drawing No.1).

Model no. KVT-A6-AKB-B11-DN40 Make Somas or equivalent

Specification of pneumatic actuator:

1. Double acting actuator
 2. High temperature design
 3. Shaft diameter : compatible for ball segment valve having shaft diameter 15mm to 20mm
 4. Air supply : 4 - 8 bar, clean and dry instrument air acc. to ISO 8573-1
 5. Rotary motion: Max 95° , adjustable travel stops
 6. Ambient temperature: # 40 to + 90 °C (standard)
- Model no. A11-DA-D15-F07 Make SOMAS or equivalent

Specification for Valve Positioner (Smart electro-pneumatic positioner):

1. Type: - Smart electro-pneumatic positioner for double acting pneumatic actuators.
2. Application: - Pneumatic actuators position control as per Input signal.
3. Positioner should have 2-line LCD Indicator and operating buttons for monitoring & configuration.
4. Position indication: Visual indication of the valve position.
5. Input signal: - 4-20 mA Dc
6. Communication: - HART Communication
7. Positioner Housing Material made of aluminum,
8. Output / Safe Position in case of an electrical power failure Double acting, fail safe.
9. Connections: - Cable: Thread M20 x 1.5, air pipe: Thread G 1/4
10. Supply Media: Air
11. Input air supply pressure: - 1.4 to 6 Bar
12. Enclosure weather protection class: - IP65 Rating
13. Air Consumption: - < 0.03 kg/h / 0.015 scfm
14. Local pressure Gauge for Input supply and output air pressure.

Model : V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas or equivalent

Note: Pneumatic actuator must be compatible with above mentioned smart electro-pneumatic positioner model No. (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas).

Electro-pneumatic positioner must be one to one interchangeable with Existing positioner (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas) in term of mounting and fittings.

There should not be any difference / deviation and should proper retrofit.

Control valve DN 50: Item No. 40

Specification of ball segment valve type:

1. Type of valve: Centrally mounted segment , wafer style
2. Nominal Pressure: PN40/ Class 300
3. Valve body material: CF8M (1.4408) or equivalent
4. Segment material: 1.4460 SS2324-12 , Hard chromed or equivalent
5. Seat Material: PTFE(10% carbon, % by weight) or equivalent
6. Shaft Material: 1.4460 SS2324-12 , Hard chromed or equivalent
7. Valve size: DN 50
8. Shaft diameter (ØG) : 15mmh9 to 20mmh9
9. Flange to flange (A): 95± 2mm
10. Diameter (ØD) : 105mm±5mm
11. Keyway length (K) : 35mm to 45 mm
12. Keyway width (S) : 5mm
13. Total height with Key on shaft (L) : 17mm to 28 mm
14. E : 60mm to 115 mm
15. Working Temp. #.30 # to 200# #..

All dimensions should be as per attached drawing (Drawing No.1) .

Model no. KVT-A6-AKB-B11-DN50 Make Somas or equivalent

Specification of pneumatic actuator:

1. Double acting actuator
2. High temperature design
3. Shaft diameter : compatible for ball segment valve having shaft diameter 15mm to 20mm
4. Air supply : 4 - 8 bar, clean and dry instrument air acc. to ISO 8573-1
5. Rotary motion: Max 95° , adjustable travel stops
6. Ambient temperature: # 40 to + 90 °C (standard)

Model no. A11-DA-D15-F07 Make SOMAS or equivalent

Specification for Valve Positioner (Smart electro-pneumatic positioner):

1. Type: - Smart electro-pneumatic positioner for double acting pneumatic actuators.
2. Application: - Pneumatic actuators position control as per Input signal.
3. Positioner should have 2-line LCD Indicator and operating buttons for monitoring & configuration.
4. Position indication: Visual indication of the valve position.
5. Input signal: - 4-20 mA Dc
6. Communication: - HART Communication
7. Positioner Housing Material made of aluminum,
8. Output / Safe Position in case of an electrical power failure Double acting, fail safe.
9. Connections: - Cable: Thread M20 x 1.5, air pipe: Thread G 1/4
10. Supply Media: Air
11. Input air supply pressure: - 1.4 to 6 Bar
12. Enclosure weather protection class: - IP65 Rating
13. Air Consumption: - < 0.03 kg/h / 0.015 scfm
14. Local pressure Gauge for Input supply and output air pressure.

Model : V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas or equivalent

Note: Pneumatic actuator must be compatible with above mentioned smart electro-pneumatic positioner model No. (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas).

Electro-pneumatic positioner must be one to one interchangeable with Existing positioner (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas) in term of mounting and fittings.

There should not be any difference / deviation and should proper retrofit.

Control valve DN 80: Item No. 50

Specification of ball segment valve type:

1. Type of valve: Centrally mounted segment , wafer style

2. Nominal Pressure: PN25
3. Valve body material: CF8M (1.4408) or equivalent
4. Segment material: 1.4460 SS2324-12 , Hard chromed or equivalent
5. Seat Material: PTFE(10% carbon, % by weight) or equivalent
6. Shaft Material: 1.4460 SS2324-12 , Hard chromed or equivalent
7. Valve size: DN 80
8. Shaft diameter (ØG) : 15mmh9 to 20mmh9
9. Flange to flange (A): 111± 2mm
10. Diameter (ØD) : 140mm±2mm
11. Keyway length (K) : 35mm to 45 mm
12. Keyway width (S) : 5mm
13. Total height with Key on shaft (L) : 17mm to 28 mm
14. E : 60mm to 115 mm
15. Working Temp. #.30 # to 200# #..

All dimensions should be as per attached drawing (Drawing No.1).

Model no. KVT-A6-AKB-B11-DN80 PN25 Make Somas or equivalent

Specification of pneumatic actuator:

1. Double acting actuator
2. High temperature design
3. Shaft diameter : compatible for ball segment valve having shaft diameter 15mm to 20mm
4. Air supply : 4 - 8 bar, clean and dry instrument air acc. to ISO 8573-1
5. Rotary motion: Max 95° , adjustable travel stops
6. Ambient temperature: # 40 to + 90 °C (standard)

Model no. A11-DA-D15-F07 Make SOMAS or equivalent

Specification for Valve Positioner (Smart electro-pneumatic positioner):

1. Type: - Smart electro-pneumatic positioner for double acting pneumatic actuators.
2. Application: - Pneumatic actuators position control as per Input signal.
3. Positioner should have 2-line LCD Indicator and operating buttons for monitoring & configuration.
4. Position indication: Visual indication of the valve position.
5. Input signal: - 4-20 mA Dc
6. Communication: - HART Communication
7. Positioner Housing Material made of aluminum,
8. Output / Safe Position in case of an electrical power failure Double acting, fail safe.
9. Connections: - Cable: Thread M20 x 1.5, air pipe: Thread G 1/4
10. Supply Media: Air
11. Input air supply pressure: - 1.4 to 6 Bar
12. Enclosure weather protection class: - IP65 Rating
13. Air Consumption: - < 0.03 kg/h / 0.015 scfm
14. Local pressure Gauge for Input supply and output air pressure.

Model : V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas or equivalent

Note: Pneumatic actuator must be compatible with above mentioned smart electro-pneumatic positioner model No. (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas).

Electro-pneumatic positioner must be one to one interchangeable with Existing positioner (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas) in term of mounting and fittings.

There should not be any difference / deviation and should proper retrofit.

Control valve DN 65: Item No. 60

Specification of ball segment valve type:

1. Type of valve: Centrally mounted segment , wafer style
2. Nominal Pressure: PN40/ Class 300
3. Valve body material: CF8M (1.4408) or equivalent
4. Segment material: 1.4460 SS2324-12 , Hard chromed or equivalent
5. Seat Material: PTFE(10% carbon, % by weight) or equivalent
6. Shaft Material: 1.4460 SS2324-12 , Hard chromed or equivalent
7. Valve size: DN 65
8. Shaft diameter (ØG) : 15mmh9 to 20mmh9
9. Flange to flange (A): 120± 3mm
10. Diameter (ØD) : 120mm±2mm
11. Keyway length (K) : 35mm to 45 mm
12. Keyway width (S) : 5mm
13. Total height with Key on shaft (L) : 17mm to 28 mm
14. E : 60mm to 115 mm
15. Working Temp. #.30 # to 200# #..

All dimensions should be as per attached drawing (Drawing No.1).

Model no. KVTW-D6-AKB-B11-DN65 PN50 Make Somas or equivalent

Specification of pneumatic actuator:

1. Double acting actuator
 2. High temperature design
 3. Shaft diameter : compatible for ball segment valve having shaft diameter 15mm to 20mm
 4. Air supply : 4 - 8 bar, clean and dry instrument air acc. to ISO 8573-1
 5. Rotary motion: Max 95° , adjustable travel stops
 6. Ambient temperature: # 40 to + 90 °C (standard)
- Model no. A11-DA-D15-F07 Make SOMAS or equivalent

Specification for Valve Positioner (Smart electro-pneumatic positioner):

1. Type: - Smart electro-pneumatic positioner for double acting pneumatic actuators.
2. Application: - Pneumatic actuators position control as per Input signal.
3. Positioner should have 2-line LCD Indicator and operating buttons for monitoring & configuration.
4. Position indication: Visual indication of the valve position.
5. Input signal: - 4-20 mA Dc
6. Communication: - HART Communication
7. Positioner Housing Material made of aluminum,
8. Output / Safe Position in case of an electrical power failure Double acting, fail safe.
9. Connections: - Cable: Thread M20 x 1.5, air pipe: Thread G 1/4
10. Supply Media: Air
11. Input air supply pressure: - 1.4 to 6 Bar
12. Enclosure weather protection class: - IP65 Rating
13. Air Consumption: - < 0.03 kg/h / 0.015 scfm
14. Local pressure Gauge for Input supply and output air pressure.

Model : V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas or equivalent

Note: Pneumatic actuator must be compatible with above mentioned smart electro-pneumatic positioner model No. (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas).

Electro-pneumatic positioner must be one to one interchangeable with Existing positioner (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas) in term of mounting and fittings.

There should not be any difference / deviation and should proper retrofit.

Control valve DN 100: Item No. 70

Specification of ball segment valve type:

1. Type of valve: Centrally mounted segment , wafer style
2. Nominal Pressure: PN25
3. Valve body material: CF8M (1.4408) or equivalent
4. Segment material: 1.4460 SS2324-12 , Hard chromed or equivalent
5. Seat Material: PTFE(10% carbon, % by weight) or equivalent
6. Shaft Material: 1.4460 SS2324-12 , Hard chromed or equivalent
7. Valve size: DN 100
8. Shaft diameter (ØG) : 15mmh9 to 20mmh9
9. Flange to flange (A): 115± 2mm
10. Diameter (ØD) : 162mm±2mm
11. Keyway length (K) : 35mm to 45 mm
12. Keyway width (S) : 5mm
13. Total height with Key on shaft (L) : 17mm to 28 mm
14. E : 60mm to 115 mm
15. Working Temp. #30 # to 200# #..

All dimensions should be as per attached drawing (Drawing No.1).

Model no. KVTW-D5-AKB-B11-DN100-D20-B19 PN125 Make Somas or equivalent

Specification of pneumatic actuator:

1. Double acting actuator
2. High temperature design
3. Shaft diameter : compatible for ball segment valve having shaft diameter 15mm to 20mm
4. Air supply : 4 - 8 bar, clean and dry instrument air acc. to ISO 8573-1
5. Rotary motion: Max 95° , adjustable travel stops
6. Ambient temperature: # 40 to + 90 °C (standard)

Model no. A11-DA-D20-F10 Make SOMAS or equivalent

Specification for Valve Positioner (Smart electro-pneumatic positioner):

1. Type: - Smart electro-pneumatic positioner for double acting pneumatic actuators.
2. Application: - Pneumatic actuators position control as per Input signal.
3. Positioner should have 2-line LCD Indicator and operating buttons for monitoring & configuration.
4. Position indication: Visual indication of the valve position.
5. Input signal: - 4-20 mA Dc
6. Communication: - HART Communication
7. Positioner Housing Material made of aluminum,
8. Output / Safe Position in case of an electrical power failure Double acting, fail safe.
9. Connections: - Cable: Thread M20 x 1.5, air pipe: Thread G 1/4
10. Supply Media: Air
11. Input air supply pressure: - 1.4 to 6 Bar
12. Enclosure weather protection class: - IP65 Rating
13. Air Consumption: - < 0.03 kg/h / 0.015 scfm
14. Local pressure Gauge for Input supply and output air pressure.

Model : V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas or equivalent

Note: Pneumatic actuator must be compatible with above mentioned smart electro-pneumatic positioner model No. (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas).

Electro-pneumatic positioner must be one to one interchangeable with Existing positioner (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas) in term of mounting and fittings.

There should not be any difference / deviation and should proper retrofit.

Control valve DN 125: Item No. 80

Specification of ball segment valve type:

1. Type of valve: Centrally mounted segment , flanged designed (body in one piece)
2. Nominal Pressure: PN25
3. Valve body material: CF8M (1.4408) or equivalent
4. Segment material: 1.4460 SS2324-12 , Hard chromed or equivalent
5. Seat Material: PTFE(10% carbon, % by weight) or equivalent
6. Shaft Material: 1.4460 SS2324-12 , Hard chromed or equivalent
7. Valve size: DN 125
8. Shaft diameter (ØG) : 15mmh9 to 20mmh9
9. Flange to flange (A): 323± 2mm
10. PCD 225mm, Nos of holes = 8
11. Keyway length (K) : 35mm to 45 mm
12. Keyway width (S) : 5mm
13. Total height with Key on shaft (L) : 17mm to 28 mm
14. E : 60mm to 115 mm
15. Working Temp. #30 # to 200# #..

All dimensions should be as per attached drawing (Drawing No.2).

Model no. KVTF-B5-AKB-B11-DN125-D25-B20 PN25 Make Somas or equivalent

Specification of pneumatic actuator:

1. Double acting actuator
2. High temperature design
3. Shaft diameter : compatible for ball segment valve having shaft diameter 15mm to 20mm
4. Air supply : 4 - 8 bar, clean and dry instrument air acc. to ISO 8573-1
5. Rotary motion: Max 95° , adjustable travel stops
6. Ambient temperature: # 40 to + 90 °C (standard)

Model no. A22-DA-D25-F10 Make SOMAS or equivalent

Specification for Valve Positioner (Smart electro-pneumatic positioner):

1. Type: - Smart electro-pneumatic positioner for double acting pneumatic actuators.
2. Application: - Pneumatic actuators position control as per Input signal.
3. Positioner should have 2-line LCD Indicator and operating buttons for monitoring & configuration.
4. Position indication: Visual indication of the valve position.
5. Input signal: - 4-20 mA Dc
6. Communication: - HART Communication
7. Positioner Housing Material made of aluminum,
8. Output / Safe Position in case of an electrical power failure Double acting, fail safe.
9. Connections: - Cable: Thread M20 x 1.5, air pipe: Thread G 1/4
10. Supply Media: Air
11. Input air supply pressure: - 1.4 to 6 Bar
12. Enclosure weather protection class: - IP65 Rating
13. Air Consumption: - < 0.03 kg/h / 0.015 scfm
14. Local pressure Gauge for Input supply and output air pressure.

Model : V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas or equivalent

Note: Pneumatic actuator must be compatible with above mentioned smart electro-pneumatic positioner model No. (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas).

Electro-pneumatic positioner must be one to one interchangeable with Existing positioner (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas) in term of mounting and fittings.

There should not be any difference / deviation and should proper retrofit.

Control valve DN 150: Item No. 90

Specification of ball segment valve type:

1. Type of valve: Centrally mounted segment , wafer style
2. Nominal Pressure: PN25
3. Valve body material: CF8M (1.4408) or equivalent
4. Segment material: 1.4460 SS2324-12 , Hard chromed or equivalent
5. Seat Material: PTFE(10% carbon, % by weight) or equivalent
6. Shaft Material: 1.4460 SS2324-12 , Hard chromed or equivalent
7. Valve size: DN 150
8. Shaft diameter (ØG) : 15mmh9 to 20mmh9
9. Flange to flange (A): 158± 2mm
10. Diameter (ØD) 216±2mm
11. Keyway length (K) : 35mm to 45 mm
12. Keyway width (S) : 5mm
13. Total height with Key on shaft (L) : 17mm to 28 mm
14. E : 60mm to 115 mm
15. Working Temp. #.30 # to 200# #..

All dimensions should be as per attached drawing (Drawing No.1).

Model no. KVTW-D5-AKB-B11-DN150-D25-B20 Make Somas or equivalent

Specification of pneumatic actuator:

1. Double acting actuator
2. High temperature design
3. Shaft diameter : compatible for ball segment valve having shaft diameter 15mm to 20mm
4. Air supply : 4 - 8 bar, clean and dry instrument air acc. to ISO 8573-1
5. Rotary motion: Max 95° , adjustable travel stops
6. Ambient temperature: # 40 to + 90 °C (standard)

Model no. A11-DA-D25-F10 Make SOMAS or equivalent

Specification for Valve Positioner (Smart electro-pneumatic positioner):

1. Type: - Smart electro-pneumatic positioner for double acting pneumatic actuators.
2. Application: - Pneumatic actuators position control as per Input signal.
3. Positioner should have 2-line LCD Indicator and operating buttons for monitoring & configuration.
4. Position indication: Visual indication of the valve position.
5. Input signal: - 4-20 mA Dc
6. Communication: - HART Communication
7. Positioner Housing Material made of aluminum,
8. Output / Safe Position in case of an electrical power failure Double acting, fail safe.
9. Connections: - Cable: Thread M20 x 1.5, air pipe: Thread G 1/4
10. Supply Media: Air
11. Input air supply pressure: - 1.4 to 6 Bar
12. Enclosure weather protection class: - IP65 Rating
13. Air Consumption: - < 0.03 kg/h / 0.015 scfm
14. Local pressure Gauge for Input supply and output air pressure.

Model : V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas or equivalent

Note: Pneumatic actuator must be compatible with above mentioned smart electro-pneumatic positioner model No. (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas).

Electro-pneumatic positioner must be one to one interchangeable with Existing positioner (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas) in term of mounting and fittings.

There should not be any difference / deviation and should proper retrofit.

Control valve DN 300: Item No. 100

Specification of DV 500 Disc valve type:

1. Type of valve: wafer design
2. Nominal Pressure: PN25
3. Valve body material: CF8M (1.4408) or equivalent
4. Segment material: 1.4460 SS2324-12 , Hard chromed or equivalent
5. Shaft Material: 1.4460 SS2324-12 , Hard chromed or equivalent
6. Valve size: DN 300
7. Shaft diameter (ØG) : 25mmh9 to 35mmh9
8. Flange to flange (A): 76± 2mm
9. Circumference (ØD): 372±2mm
10. Keyway length (K) : 35mm to 50 mm
11. Total height with Key on shaft (L) : 17mm to 38mm
12. Working Temp. #.30 # to 200# #..

All dimensions should be as per attached drawing (Drawing No. 3) .

Model no. MTV-A5-AAD-A11-DN300-D35-B23, PN25 Make Somas or equivalent

Specification of pneumatic actuator:

1. Double acting actuator
2. High temperature design
3. Shaft diameter : compatible for DV 500 Disc valve type having shaft diameter 25 mm to 35mm
4. Air supply : 4 - 8 bar, clean and dry instrument air acc. to ISO 8573-1
5. Rotary motion: Max 95° , adjustable travel stops
6. Ambient temperature: # 40 to + 90 °C (standard)

Model no. A11-DA-D25-F10 Make SOMAS or equivalent

Specification for Valve Positioner (Smart electro-pneumatic positioner):

1. Type: - Smart electro-pneumatic positioner for double acting pneumatic actuators.
2. Application: - Pneumatic actuators position control as per Input signal.
3. Positioner should have 2-line LCD Indicator and operating buttons for monitoring & configuration.
4. Position indication: Visual indication of the valve position.
5. Input signal: - 4-20 mA Dc
6. Communication: - HART Communication
7. Positioner Housing Material made of aluminum,
8. Output / Safe Position in case of an electrical power failure Double acting, fail safe.
9. Connections: - Cable: Thread M20 x 1.5, air pipe: Thread G 1/4
10. Supply Media: Air
11. Input air supply pressure: - 1.4 to 6 Bar
12. Enclosure weather protection class: - IP65 Rating
13. Air Consumption: - < 0.03 kg/h / 0.015 scfm
14. Local pressure Gauge for Input supply and output air pressure.

Model : V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas or equivalent

Note: Pneumatic actuator must be compatible with above mentioned smart electro-pneumatic positioner model No. (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas).

Electro-pneumatic positioner must be one to one interchangeable with Existing positioner (V18345 Make ABB, Type TZID-C Electro-pneumatic Make Somas) in term of mounting and fittings.

There should not be any difference / deviation and should proper retrofit.

ANNEXURE-I**Declaration for Section 206AB of TDS under income tax Act, 1961**

(to be submitted on Letter Head)

Vendor Code: _____

M/s _____

PAN _____

GSTIN _____

I/We _____ (Legal Name and complete address) _____, PAN: _____ (PAN no) _____, TAN: _____ (TAN no.) _____, referring to the provisions of 206AB of the IT Act, 1961, hereby declare the following:-

Financial Year	Aggregate TDS & TCS credit in our name was Rs. 50,000 or more ("Yes/ No")	Income Tax Return ("ITR") Filed ("Yes/No")	E-filing Acknowledgment Number (15 digit - numeric) (Attach copy of acknowledgments)	Date of Filing of Return of Income u/s 139(1) (DD/MM/YYYY)	Linked PAN with Aadhaar number or will link it before 30 Jun 2021 (or any further date as may be notified by CBDT ("Yes / No"))
2020-21					
2021-22					

We do hereby declare that to the best of my /our knowledge and belief what is stated above is correct, complete and is truly stated. In case there is a tax liability, interest or penal consequences which are levied on SPM on account of the false representation/ declaration, I/we undertake to fully indemnify SPM for the same.

FOR _____

Authorized Signatory

Date:

Note: In case the vendor failed to comply with the above provisions, TDS shall be deducted at the higher of the following rates, namely: -

- (i) at twice the rate specified in the relevant provision of the Act; or*
- (ii) at twice the rate or rates in force; or*
- (iii) at the rate of five per cent (5%).*

(To be submitted on the Letter Head)

DECLARATION

We do hereby declare that,

1. We have not been blacklisted/debarred by BNPMIPL/BRBNMPL/SPMCIL or any Govt. Departments for participation in tenders. The information provided above is correct and true to the best of my knowledge and belief.
2. We do hereby declare that we have read and understood all terms and conditions of tender document including GIT, SIT, GCC, SCC, Technical Specification, Quality Control Criteria and confirm to abide to those conditions without any counter conditions.
3. We are accepting all the terms and conditions of the tender document without any deviation and withdraw all deviations if any.

Signature.....

Name.....

Designation.....

Date.....

Stamp of the Organization.....

(To be submitted on the Letter Head)

**DECLARATION
(Refer GIT Clause No.3.5)**

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. I certify that M/s..... (Firm's name) is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that M/s..... (Firm's name) fulfils at requirements in this regard and is eligible to be considered." (Where applicable, evidence of valid registration by the competent Authority shall be attached)"

I, the undersigned, declare that the item originates in..... (Name of the country).

Signature.....

Name.....

Designation.....

Date.....

Stamp of the Organization.....