



बैंक नोट पेपर मिल इण्डिया प्रा. लिमिटेड
BANK NOTE PAPER MILL INDIA PVT LIMITED
JV of SPMCIL - A Govt. of India Enterprises & BRBNMPL - A Subsidiary of RBI

**TENDER ENQUIRY FOR SUPPLY OF DOUBLE ACTING & SINGLE ACTING PNEUMATIC ACTUATORS
(7 ITEMS) AT BNPM PLANT, MYSURU**

This tender document contains **28** Pages

Tender Enquiry No.	BNPM/OTE/498/2023-24
Tender issuing date	15.01.2024
Pre-bid meeting date & time	Not Applicable
Due date & time for bid submission	05.02.2024, 1430 Hrs.
Opening date and time for tenders	05.02.2024, 1500 Hrs.
Mode of bid submission	Online
Type of tender	Open Tender
Tender Processing Fee	Rs. 250.00/- + Taxes
Details of contact person	Deputy General Manager (SCM) 0821-2401 111/144/184/177

Registered & Corporate Office:
Administrative Building
Gate 1, Paper Mill Compound
Note Mudran Nagar, Mysuru - 570 003
Telephone No. 0821 - 2401 111

E-mail: scm.tender@bnpmindia.com

Website: www.bnpmindia.com



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SECTION I – NOTICE INVITING TENDERS

1. E-tenders are invited from eligible and qualified tenderers for supply of following goods :

Sch. No.	Brief Description of Goods / Services	EMD**	Required Quantity (UoM)
1	Supply of Double Acting & Single Acting Pneumatic Actuators (7 Items) at BNPM Plant, Mysuru	Rs. 5,000/- (Five Thousand only)	As mentioned in Section VI: Price Schedule

For MSE Bidders: Submission of EMD is exempted for **Micro and Small Enterprises (MSEs) as per the Public Procurement Policy for MSEs Order, 2012. MSEs should be registered and also will continue to remain registered during the tender validity period with District Industries Centre (DIC) or Khadi and Village Industries Commission (KVIC) or Khadi and Industries Board (KVIB) or Coir Board or National Small Industries Commission (NSIC) or Directorate of Handicrafts and Handlooms or UDYAM Registered or Any other body specified by Ministry of MSME. **Documents:** Valid NSIC / KVIC / KVIB / DIC / UDYAM Registration certificate and Bid Security Declaration as per **Annexure-C** is to be submitted by MSE bidders for EMD exemption.

For Non-MSE bidders: EMD is to be submitted.

2. **Procedure for bid submission:**

a) Interested bidders may obtain further information about this requirement from the above office selling the documents. They may also visit our website www.tenderwizard.com/BNP mentioned above for further details.

b) Aspiring Bidders/Contractors who have not registered in e-tendering should register through the website E – Tendering (www.tenderwizard.com/BNP) for participating in the Online Tenders. The registration charges will be Rs. 500/- plus applicable taxes (per year) which needs to be paid through electronic mode only.

c) For details, registration and e-payment, please visit e-tendering website www.tenderwizard.com/BNP or contact KEONICS help desk @ 080-40482000 / 8951906455 / 8951944383 / 9686196755.

d) Class III Digital Signature Certificate (DSC) is mandatory to participate in e-Tenders. Participating bidders/Contractors have to make sure that they have the valid DSC. If not, they can procure from any of the firm as approved by CCA.

3. The tenderer shall satisfy BNPMIPL that they are competent and authorized to submit tender and/or to enter into a legally binding contract with the BNPMIPL. To this effect, any person giving a tender shall render documentary evidence that his signature on the tender submitted by him is legally binding upon himself, his firm or company as the case may be
4. For those tenderers whose technical bids do not satisfy the eligibility criteria, their financial Bids will not be opened.
5. In the event of any of the above mentioned dates being declared as a holiday/ closed day for the purchase organization, the tenders will be sold / received / opened on the next working day at the appointed time.
6. BNPM reserves the right to cancel the tender at any stage without assigning the reasons thereof.
7. The tender documents are not transferable.

Yours faithfully,

For and on behalf of BNPMIPL

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Deputy General Manager

SECTION II – TERMS AND CONDITIONS

1. Tenders are to be uploaded on e-tendering portal www.tenderwizard.com/BNP only in two part bid system.
2. **Part-I – Prequalification Bid & Techno-commercial Bid**: Scanned copy of Technical offer (Catalogue / Brochure etc.), GST, PAN, Bank details etc., along with all sections & annexures of this tender.
 - ii) **Part II – Price Bid**:
Price shall be furnished through e-portal only.
Price offer submitted in any other format shall be liable for rejection.
3. **Delivery Schedule**: Successful bidder shall complete supply of material within **5 weeks** from the date of issue of purchase order.
4. **Warranty**: The supplier warrants that the goods supplied under the contract is new, unused and shall have no defect arising from design, materials (except when the design adopted and / or the material used are as per BNPM's specifications) or workmanship or from any act or omission of the supplier, that may develop under normal use of the supplied goods under the conditions prevailing in India. This warranty shall remain valid for Twelve (12) months after the goods or any portion thereof as per the tender, have been delivered to the final destination and accepted by BNPM. In case of any claim arising out of this warranty, BNPM shall promptly notify the same in writing to the supplier and within a reasonable span of time supplier shall repair or replace the defective goods or parts thereof, free of cost, at the ultimate destination. In case of warranty validity less than 12 months, the same may be specified in appropriate place given in this document.
5. **Security Deposit / Performance Security**: Within twenty-one days after the issue of notification of award by BNPM, the successful supplier shall furnish performance security bank guarantee to BNPM for an amount equal to 10% (Ten per cent) of the total value of the contract, valid up to sixty days after the date of completion of all contractual obligations by the supplier, including the warranty obligations (if any).
6. As on the date of submission of bid against this tender, bidder should not be in the list of ineligible/ blacklisted/ banned/ debarred entity by SPMCIL/ BRBNMPL/ BNPMIPL/any Government Agency for participating in its tenders.
7. Bidder may visit BNPMIPL, before submitting the offer after taking due permission for visiting to understand the requirements.
8. No counter conditions shall be accepted.
9. Bidders are advised to write the page number on each page of the Technical Bid documents submitted.
10. BNPMIPL reserves the right to accept the offer by individual items and reject any or all tenders without assigning any reason thereof and does not bind itself to accept lowest quotations.
11. Manufacturer's name and country of origin of materials offered must be clearly specified. Please quote whether your organization is large scale industry or small scale industry. If you have

SECTION II – TERMS AND CONDITIONS

NSIC/MSE/MSI/DGS&D Certificate, please attach it to the quotation. Mention your registration details.

12. Complete details and ISI specification if any must accompany the quotation. Make/brand of the item shall be stated wherever applicable. If you have got any counter offer as suitable to the material required by us, the same may be shown separately.
13. All drawings sketches and samples, if any, sent along with this enquiry must be returned along with quotations duly signed.
14. All supplies are subject to inspection and approval before acceptance. Manufacturer/ supplier warranty certificates and manufacturer/Government approved lab test certificate shall be furnished along with the supply, wherever applicable.
15. The BNPMIPL reserves the right to modify the quantity specified in this enquiry.
16. The prices quoted should be firm till the supplies are completed. Please quote the rates in words and figures. Rates quoted should be door deliver basis at destination including all charges otherwise the quotation is likely to be rejected. Prices quoted for free delivery at destination (i.e., Mysore) will be given preference. If there is no indication regarding the FOR, in the quotation, then it will be considered as FOR destinations. Price quoted should be net and valid for a minimum period of three months from the date of opening of the quotation.
17. (i) The technical bids shall be opened in the first instance and these bids shall be scrutinized and evaluated by the competent committee/ authority with reference to the parameters prescribed in the tender document. Subsequently, in the second stage the financial bids of only technically acceptable offers as decided in first stage shall be opened for further scrutiny and evaluation. Intimation regarding opening of financial bids shall be given to acceptable tenderers to enable them to attend the financial bid opening, if they so desire.
ii) The method of evaluation of bidder for awarding the contract shall be on the basis of overall lowest bidder (L-1) for delivery up to BNPM, Mysore.
(iii) All responsive tenderers shall be evaluated as per the terms & conditions of the tender. The basis for arriving at the lowest responsive bidder shall be as per the price quoted for landed cost at Mysore including GST, Packing & Forwarding charges, Freight, Insurance and any other charges etc. and input credit shall be deducted to arrive at the effective price. Effective price shall be considered for arriving at the lowest responsive bidder.
(iv) Bidder has to quote GST rate as per the HSN code provided in Section VI: Price Schedule. In case of any mismatch in HSN code with respect to offered product, same shall be decided in consultation with the L-1 bidder.
18. In case the items in the enquiry are covered by any rate contract or running contract finalized by the DGS&D or any other State or Central Government, it should be specified in your quotation and accepted contract rates should also be mentioned. It should be confirmed whether you could supply at the RC rates outside rate contract.
19. Payment of GST is primarily the responsibility of the seller and will not be paid unless the percentage value is clearly mentioned in the quotation. If no indication regarding GST is



SECTION II – TERMS AND CONDITIONS

recorded in the quotation, the GST will be considered as included.

20. Delivery period required for supplying the material should be invariably specified in the quotation.
21. In case your quotation is accepted and order is placed on you, the supply against the order should be made within the period stipulated in the order. BNPMIPL reserves the right to recover any loss sustained due to delayed delivery by way of penalty. Failure to supply the material within the stipulated period shall entitle BNPM to impose liquidated damages without assigning any reasons @ 0.5% (Half Percent) of the total value of the item covered in order as LD per week or part thereof subject to a maximum of 10% (Ten Percent) which you unconditionally and expressly agree to unless extension is obtained in writing from the office on valid ground before expiry of delivery period.
22. **Risk Purchase Clause:** If the supplier fails to abide by the terms and conditions of the agreement arising out of this enquiry (or) fails to supply the material/service as per the delivery schedule or any time repudiates the contract, the purchaser will have the right to,
 - a) Procure the tender item/render service from other agencies at the risk and cost of the supplier. The cost difference between the alternative arrangement and existing contract value where the default has been made, will be recovered from the supplier along with the other incidental charges.
 - b) In case of procurement through alternative sources, if procurement price is lower than the existing contract value wherein default has been made, in such case no benefit on this account will be passed on to the supplier.
23. **Payment terms:** 100% (Hundred Percent) within 30 (Thirty) days on receipt and acceptance of material at our site in good condition.
24. **Settlement of Disputes through Arbitration:** All disputes and differences of any kind whatsoever arising out of or in connection with the contract, whether during the progress of the work or after their completion except accepted matters shall be settled through arbitration process as per the Arbitration & Conciliation Act, 1996. The venue of arbitration shall be Mysore, Karnataka.
25. **Legal Jurisdiction:** The Courts of Mysore (Karnataka State) shall alone have jurisdiction to decide on any legal matter of dispute whatsoever arising out or in respect of the contract.
26. **Force Majeure:** In the event of any unforeseen event directly interfering with the supply of stores arising during the currency of the contract, such as war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts, or acts of God, the Contractor shall, within a week from the commencement thereof, notify the same in writing to the Purchaser with reasonable evidence thereof. Unless otherwise directed by BNPM in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. If the force majeure condition(s) mentioned above be in force for a period of 90 days or more at any time,

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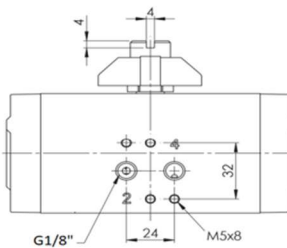
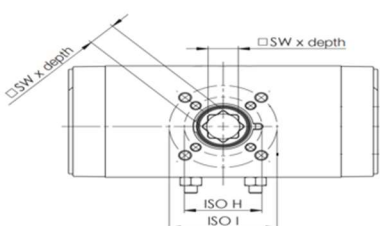
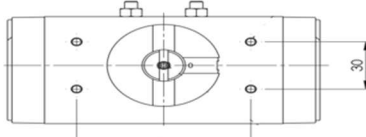
either party shall have the option to terminate the contract on expiry of 90 days of commencement of such force majeure by giving 14 days' notice to the other party in writing. In case of such termination, no damages shall be claimed by either party against the other, save and except those which had occurred under any other clause of this contract prior to such termination.

27. **Fore-Closure Clause:** If at any time during the continuation of this contract, the use of material ordered in this contract is completely banned or due to drastic change in Government policy its use as, raw material is discontinued or is declared hazardous to public health or cause rising to civil commotion, epidemics, wide-spread strikes and 21 days' notice of such eventualities is given by purchaser to the seller, the seller without any right to enforce the contract, will agree to the fore-close the performance of balance portion of this contract and in that event no claim for damages or loss will be lodged against the purchaser.
28. **Rights of Rejection:** BNPMIPL reserves the right to reject any or all the applied bids without assigning any reason whatsoever. The enquiry can be rejected on national security grounds.
29. **Preference for Micro and Small Enterprises (MSEs):** Public procurement policy for Micro and Small Enterprises (MSEs) order, 2012 as notified by Govt. of India (GOI) along with its amendments as available in www.msme.gov.in shall be applicable to this tender.
30. I/We engage to supply the material(s) to your Engineering store, BNPMIPL and comply the following:
- a) Tender schedule and technical specification indicated.
 - b) Item/tender specific conditions for this tender.
 - c) Terms and conditions enclosed.
 - d) I/We confirm that set off for the GST, etc. paid on the inputs have been taken into consideration in the above quoted price and further agree to pass on such additional duties as set offs as may become available in future under GST, etc.
 - e) This offer is valid for 90 (Ninety) days from the date of opening of the tender.
 - f) That as on the date of submission of bid against this tender we are not in the list of ineligible/ blacklisted/ banned/ debarred entity by SPMCIL/ BRBNMPL/ BNPMIPL/any Government Agency, for participating in its tenders. (Annexure-B enclosed)
 - g) That the rates quoted are not higher than the rates quoted for same item to BNPMIPL/BRBNMPL/SPMCIL and any other Government/ Undertakings.

Signature & Seal Place & Date:		Name of Authorized Signatory:	
Address:		Tel. No. / Fax. No. / Mobile No.: Email Id:	

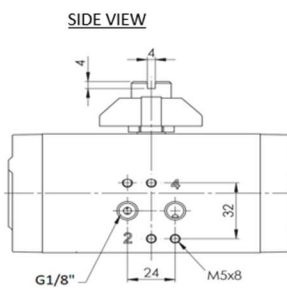
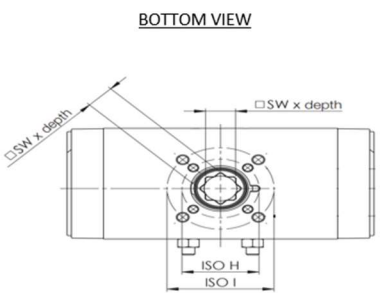
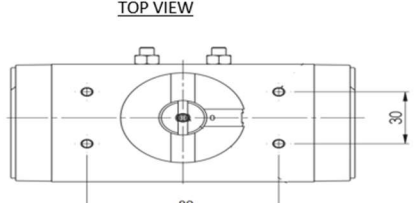


SECTION III – TECHNICAL SPECIFICATIONS

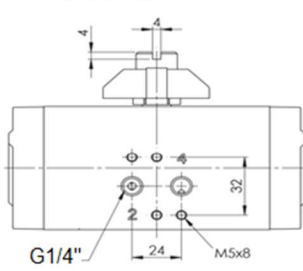
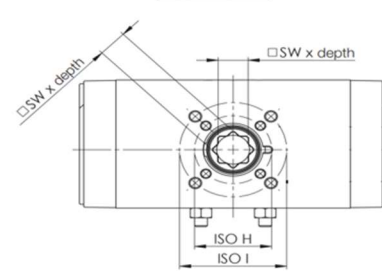
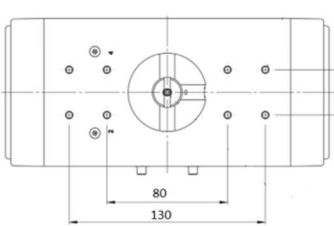
Sch. No.	Item	Technical Specification						
1.	Double acting pneumatic actuator for DN15 to DN40 Ball Valve	<p>Double acting actuator for DN15 to DN40 Ball valve Mechanism: Rack and pinion with self-centering piston guides in the casing / Scotch-yoke mechanism Nominal swivelling angle: 90° and adjustable of minimum +3° to -8° in both directions. Connection: Mounting face for valves according to EN ISO 5211, for solenoid valves and accessories to VDI/VDE 3845 (NAMUR) Minimum torque at 6 bar control pressure: 20Nm Casing-MOC: aluminium alloy, anodized Caps-MOC: aluminium alloy Pistons/racks-MOC: aluminium alloy Pinion-MOC: Corrosion-protected steel Seals-MOC: NBR Bearings: self-lubricating plastic Gaskets: NBR Control pressure: 3 - 8 bar Ambient temperature: -20°C up to +80°C Safety: Minimum SIL2 certification to be provided for the actuators. Certificate to be submitted along with tender. Make: Bar / Ebro / InterApp / Festo / Substantially equivalent make approved by BNPM Bidder shall be manufacturer of the offered actuator or authorised distributor of OEM. Certificate to be submitted along with tender.</p> <p>Physical Dimensions</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>SIDE VIEW</p>  </div> <div style="text-align: center;"> <p>BOTTOM VIEW</p>  </div> </div> <div style="text-align: center; margin-top: 20px;"> <p>TOP VIEW</p>  </div> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>ISO H</th> <th>ISO I</th> <th>SW depth</th> </tr> </thead> <tbody> <tr> <td>Ø36/F03</td> <td>Ø50/F05</td> <td>14 X 17</td> </tr> </tbody> </table>	ISO H	ISO I	SW depth	Ø36/F03	Ø50/F05	14 X 17
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SECTION III – TECHNICAL SPECIFICATIONS

Sch. No.	Item	Technical Specification						
2.	Double acting pneumatic actuator for DN50 to DN65 Ball/Butterfly Valve	<p>Double acting actuator for DN50 to DN65 Ball/Butterfly valve Mechanism: Rack and pinion with self-centering piston guides in the casing / Scotch-yoke mechanism Nominal swivelling angle: 90° and adjustable of minimum +3° to -8° in both directions. Connection: Mounting face for valves according to EN ISO 5211, for solenoid valves and accessories to VDI/VDE 3845 (NAMUR) Minimum torque at 6 bar control pressure: 40Nm Casing-MOC: aluminium alloy, anodized Caps-MOC: aluminium alloy Pistons/racks-MOC: aluminium alloy Pinion-MOC: Corrosion-protected steel Seals-MOC: NBR Bearings: self-lubricating plastic Gaskets: NBR Control pressure: 3 - 8 bar Ambient temperature: -20°C up to +80°C Safety: Minimum SIL2 certification to be provided for the actuators. Certificate to be submitted along with tender. Make: Bar / Ebro / InterApp / Festo / Substantially equivalent make approved by BNPM Bidder shall be manufacturer of the offered actuator or authorised distributor of OEM. Certificate to be submitted along with tender.</p> <p>Physical Dimensions</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>SIDE VIEW</p>  </div> <div style="text-align: center;"> <p>BOTTOM VIEW</p>  </div> </div> <div style="text-align: center; margin-top: 10px;"> <p>TOP VIEW</p>  </div> <table border="1" style="margin-top: 10px; width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">ISO H</th> <th style="width: 33%;">ISO I</th> <th style="width: 33%;">SW depth</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Ø50/F05</td> <td style="text-align: center;">Ø70/F07</td> <td style="text-align: center;">14 X 17</td> </tr> </tbody> </table>	ISO H	ISO I	SW depth	Ø50/F05	Ø70/F07	14 X 17
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SECTION III – TECHNICAL SPECIFICATIONS

Sch. No.	Item	Technical Specification						
3.	Double acting pneumatic actuator for DN80 to DN125 Butterfly Valve	<p>Double acting actuator for DN80 to DN125 Butterfly valve Mechanism: Rack and pinion with self-centering piston guides in the casing / Scotch-yoke mechanism Nominal swivelling angle: 90° and adjustable of minimum + 3° to - 8° in both directions. Connection: Mounting face for valves according to EN ISO 5211, for solenoid valves and accessories to VDI/VDE 3845 (NAMUR) Minimum torque at 6 bar control pressure: 108Nm Casing-MOC: aluminium alloy, anodized Caps-MOC: aluminium alloy Pistons/racks-MOC: aluminium alloy Pinion-MOC: Corrosion-protected steel Seals-MOC: NBR Bearings: self-lubricating plastic Gaskets: NBR Control pressure: 3 - 8 bar Ambient temperature: -20°C up to +80°C Safety: Minimum SIL2 certification to be provided for the actuators. Certificate to be submitted along with tender. Make: Bar / Ebro / InterApp / Festo / Substantially equivalent make approved by BNPM Bidder shall be manufacturer of the offered actuator or authorised distributor of OEM. Certificate to be submitted along with tender.</p> <p>Physical Dimensions</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>SIDE VIEW</p>  </div> <div style="text-align: center;"> <p>BOTTOM VIEW</p>  </div> </div> <div style="text-align: center; margin-top: 20px;"> <p>TOP VIEW</p>  </div> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>ISO H</th> <th>ISO I</th> <th>SW depth</th> </tr> </thead> <tbody> <tr> <td>Ø50/F05</td> <td>Ø70/F07</td> <td>17 X 20</td> </tr> </tbody> </table>	ISO H	ISO I	SW depth	Ø50/F05	Ø70/F07	17 X 20
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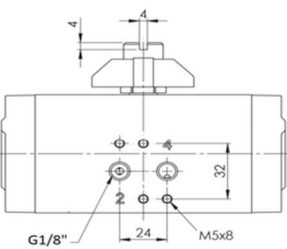
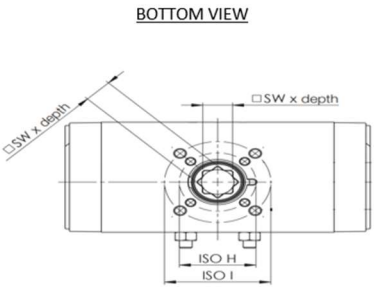
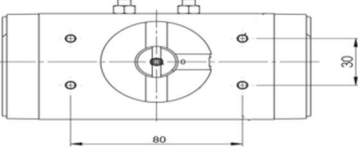


SECTION III – TECHNICAL SPECIFICATIONS

Sch. No.	Item	Technical Specification						
4.	Double acting pneumatic actuator for DN150 to DN200 Butterfly Valve	<p>Double acting actuator for DN150 to DN200 Butterfly valve Mechanism: Rack and pinion with self-centering piston guides in the casing / Scotch-yoke mechanism Nominal swivelling angle: 90° and adjustable of minimum + 3° to - 8° in both directions. Connection: Mounting face for valves according to EN ISO 5211, for solenoid valves and accessories to VDI/VDE 3845 (NAMUR) Minimum torque at 6 bar control pressure: 220Nm Casing-MOC: aluminium alloy, anodized Caps-MOC: aluminium alloy Pistons/racks-MOC: aluminium alloy Pinion-MOC: Corrosion-protected steel Seals-MOC: NBR Bearings: self-lubricating plastic Gaskets: NBR Control pressure: 3 - 8 bar Ambient temperature: -20°C up to +80°C Safety: Minimum SIL2 certification to be provided for the actuators. Certificate to be submitted along with tender. Make: Bar / Ebro / InterApp / Festo / Substantially equivalent make approved by BNPM Bidder shall be manufacturer of the offered actuator or authorised distributor of OEM. Certificate to be submitted along with tender.</p> <p>Physical Dimensions</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>SIDE VIEW</p> </div> <div style="text-align: center;"> <p>BOTTOM VIEW</p> </div> </div> <div style="text-align: center; margin-top: 10px;"> <p>TOP VIEW</p> </div> <table border="1" style="margin-top: 10px; width: 100%; border-collapse: collapse;"> <thead> <tr> <th>ISO H</th> <th>ISO I</th> <th>SW depth</th> </tr> </thead> <tbody> <tr> <td>Ø70/F07</td> <td>Ø102/F10</td> <td>22 X 25</td> </tr> </tbody> </table>	ISO H	ISO I	SW depth	Ø70/F07	Ø102/F10	22 X 25
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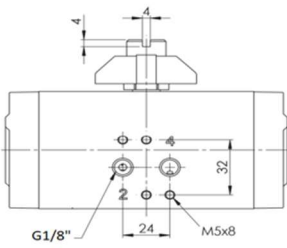
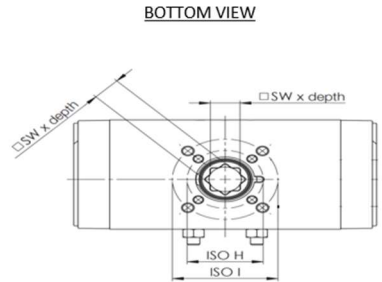
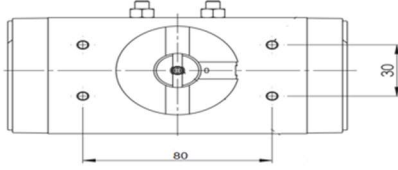


SECTION III – TECHNICAL SPECIFICATIONS

Sch. No.	Item	Technical Specification						
5.	Single acting pneumatic actuator for DN15 to DN40 Ball Valve	<p>Single acting actuator for DN 15 to DN 40 Ball valve Mechanism: Rack and pinion with self-centering piston guides in the casing / Scotch-yoke mechanism Number of Springs : 8 Nominal swivelling angle: 90° and adjustable of minimum +3° to -8° in both directions. Connection: Mounting face for valves according to EN ISO 5211, for solenoid valves and accessories to VDI/VDE 3845 (NAMUR) Minimum torque at 6 bar control pressure: 13Nm Casing-MOC: aluminium alloy, anodized Caps-MOC: aluminium alloy Pistons/racks-MOC: aluminium alloy Pinion type & MOC: Double Square & Corrosion-protected steel Seals-MOC: NBR Bearings: self-lubricating plastic Gaskets: NBR Control pressure: 3 - 8 bar Ambient temperature: -20°C up to +80°C Safety: Minimum SIL2 certification to be provided for the actuators. Certificate to be submitted along with tender. Make: Bar / Ebro / InterApp / Festo / Substantially equivalent make approved by BNPM Bidder shall be manufacturer of the offered actuator or authorised distributor of OEM. Certificate to be submitted along with tender.</p> <p>Physical Dimensions</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>SIDE VIEW</p>  </div> <div style="text-align: center;"> <p>BOTTOM VIEW</p>  </div> </div> <div style="text-align: center; margin-top: 10px;"> <p>TOP VIEW</p>  </div> <table border="1" style="margin-top: 10px; width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">ISO H</th> <th style="width: 33%;">ISO I</th> <th style="width: 33%;">SW depth</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Ø36/F03</td> <td style="text-align: center;">Ø50/F05</td> <td style="text-align: center;">14 X 17</td> </tr> </tbody> </table>	ISO H	ISO I	SW depth	Ø36/F03	Ø50/F05	14 X 17
ISO H	ISO I	SW depth						
Ø36/F03	Ø50/F05	14 X 17						



SECTION III – TECHNICAL SPECIFICATIONS

Sch. No.	Item	Technical Specification						
6.	Single acting pneumatic actuator for DN50 to DN 65 Ball / Butterfly Valve	<p>Single acting actuator for DN 50 to DN65 Ball/Butterfly valve Mechanism: Rack and pinion with self-centering piston guides in the casing / Scotch-yoke mechanism Number of Springs : 8 Nominal swivelling angle: 90°and adjustable of minimum + 3° to - 8° in both directions. Connection: Mounting face for valves according to EN ISO 5211, for solenoid valves and accessories to VDI/VDE 3845 (NAMUR) Minimum torque at 6 bar control pressure: 21Nm Casing-MOC: aluminium alloy, anodized Caps-MOC: aluminium alloy Pistons/racks-MOC: aluminium alloy Pinion type & MOC: Double square & Corrosion-protected steel Seals-MOC: NBR Bearings: self-lubricating plastic Gaskets: NBR Control pressure: 3 - 8 bar Ambient temperature: -20°C up to +80°C Safety: Minimum SIL2 certification to be provided for the actuators. Certificate to be submitted along with tender. Make: Bar / Ebro / InterApp / Festo / Substantially equivalent make approved by BNPM Bidder shall be manufacturer of the offered actuator or authorised distributor of OEM. Certificate to be submitted along with tender.</p> <p>Physical Dimensions</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><u>SIDE VIEW</u></p>  </div> <div style="text-align: center;"> <p><u>BOTTOM VIEW</u></p>  </div> </div> <div style="text-align: center; margin-top: 10px;"> <p><u>TOP VIEW</u></p>  </div> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>ISO H</th> <th>ISO I</th> <th>SW depth</th> </tr> </thead> <tbody> <tr> <td>Ø50/F05</td> <td>Ø70/F07</td> <td>14 X 17</td> </tr> </tbody> </table>	ISO H	ISO I	SW depth	Ø50/F05	Ø70/F07	14 X 17
ISO H	ISO I	SW depth						
Ø50/F05	Ø70/F07	14 X 17						



SECTION III – TECHNICAL SPECIFICATIONS

Sch. No.	Item	Technical Specification						
7.	Single acting pneumatic actuator for DN80 to DN125 Butterfly Valve	<p>Single acting actuator for DN80 to DN125 Butterfly valve Mechanism: Rack and pinion with self-centering piston guides in the casing / Scotch-yoke mechanism Number of Springs: 8 Nominal swivelling angle: 90° and adjustable of minimum +3° to -8° in both directions. Connection: Mounting face for valves according to EN ISO 5211, for solenoid valves and accessories to VDI/VDE 3845 (NAMUR) Minimum torque at 6 bar control pressure: 60Nm Casing-MOC: aluminium alloy, anodized Caps-MOC: aluminium alloy Pistons/racks-MOC: aluminium alloy Pinion type & MOC: Double square & Corrosion-protected steel Seals-MOC: NBR Bearings: self-lubricating plastic Gaskets: NBR Control pressure: 3 - 8 bar Ambient temperature: -20°C up to +80°C Safety: Minimum SIL2 certification to be provided for the actuators. Certificate to be submitted along with tender. Make: Bar / Ebro / InterApp / Festo / Substantially equivalent make approved by BNPM. Bidder shall be manufacturer of the offered actuator or authorised distributor of OEM. Certificate to be submitted along with tender.</p> <p>Physical Dimensions</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>SIDE VIEW</p> </div> <div style="text-align: center;"> <p>BOTTOM VIEW</p> </div> </div> <div style="display: flex; justify-content: center; margin-top: 10px;"> <div style="text-align: center;"> <p>TOP VIEW</p> </div> <div style="margin-left: 20px;"> <table border="1" style="border-collapse: collapse;"> <thead> <tr> <th>ISO H</th> <th>ISO I</th> <th>SW depth</th> </tr> </thead> <tbody> <tr> <td>Ø50/F05</td> <td>Ø70/F07</td> <td>17 X 20</td> </tr> </tbody> </table> </div> </div>	ISO H	ISO I	SW depth	Ø50/F05	Ø70/F07	17 X 20
ISO H	ISO I	SW depth						
Ø50/F05	Ø70/F07	17 X 20						

(To be signed & stamped and submitted along with Techno-commercial Bid Part -I)



SECTION IV – QUALITY CONTROL REQUIREMENTS

1. **Quality:** Quality is essence of this tender. Bidder shall supply the material as per the specifications mentioned in Technical Specifications. The material supplied shall be inspected at our factory. Quantity as ascertained on receipt of above material at our site shall be treated as quantity supplied wherever the package / materials are received intact.
2. **Rejection:** Materials not meeting our specification will be rejected outright and the rejected material shall be taken back within 7 days at the cost and risk of the supplier and replacement should be made within 15 days from the date of intimation. No payment shall be made for rejected item.

A) Technical Compliance Statement:

Sch. No	Item	Technical Specification	Whether agreed by the bidder	Deviations, if any
1.	Double acting pneumatic actuator for DN15 to DN40 Ball Valve	Double acting actuator for DN15 to DN40 Ball valve Mechanism: Rack and pinion with self-centering piston guides in the casing / Scotch-yoke mechanism Nominal swivelling angle: 90° and adjustable of minimum +3° to -8° in both directions. Connection: Mounting face for valves according to EN ISO 5211, for solenoid valves and accessories to VDI/VDE 3845 (NAMUR) Minimum torque at 6 bar control pressure: 20Nm Casing-MOC: aluminium alloy, anodized Caps-MOC: aluminium alloy Pistons/racks-MOC: aluminium alloy Pinion-MOC: Corrosion-protected steel Seals-MOC: NBR Bearings: self-lubricating plastic Gaskets: NBR Control pressure: 3 - 8 bar Ambient temperature: -20°C up to +80°C Safety: Minimum SIL2 certification to be provided for the actuators. Certificate to be submitted along with tender. Make: Bar / Ebro / InterApp / Festo / Substantially equivalent make approved by BNPM Bidder shall be manufacturer of	Technical Specifications shall remain same as tender: Yes / No. Model No.: Make:	



SECTION IV – QUALITY CONTROL REQUIREMENTS

Sch. No	Item	Technical Specification	Whether agreed by the bidder	Deviations, if any
2.	Double acting pneumatic actuator for DN50 to DN65 Ball / Butterfly Valve	<p>the offered actuator or authorised distributor of OEM. Certificate to be submitted along with tender.</p> <p>Double acting actuator for DN50 to DN65 Ball/Butterfly valve Mechanism: Rack and pinion with self-centering piston guides in the casing / Scotch-yoke mechanism Nominal swivelling angle: 90° and adjustable of minimum +3° to -8° in both directions. Connection: Mounting face for valves according to EN ISO 5211, for solenoid valves and accessories to VDI/VDE 3845 (NAMUR) Minimum torque at 6 bar control pressure: 40Nm Casing-MOC: aluminium alloy, anodized Caps-MOC: aluminium alloy Pistons/racks-MOC: aluminium alloy Pinion-MOC: Corrosion-protected steel Seals-MOC: NBR Bearings: self-lubricating plastic Gaskets: NBR Control pressure: 3 - 8 bar Ambient temperature: -20°C up to +80°C Safety: Minimum SIL2 certification to be provided for the actuators. Certificate to be submitted along with tender. Make: Bar / Ebro / InterApp / Festo / Substantially equivalent make approved by BNPM Bidder shall be manufacturer of the offered actuator or authorised distributor of OEM. Certificate to be submitted along with tender.</p>	<p>Technical Specifications shall remain same as tender: Yes / No.</p> <p>Model No.:</p> <p>Make:</p>	



SECTION IV – QUALITY CONTROL REQUIREMENTS

Sch. No	Item	Technical Specification	Whether agreed by the bidder	Deviations, if any
3.	Double acting pneumatic actuator for DN80 to DN125 Butterfly Valve	<p>Double acting actuator for DN80 to DN125 Butterfly valve Mechanism: Rack and pinion with self-centering piston guides in the casing / Scotch-yoke mechanism Nominal swivelling angle: 90° and adjustable of minimum + 3° to -8° in both directions. Connection: Mounting face for valves according to EN ISO 5211, for solenoid valves and accessories to VDI/VDE 3845 (NAMUR) Minimum torque at 6 bar control pressure: 108Nm Casing-MOC: aluminium alloy, anodized Caps-MOC: aluminium alloy Pistons/racks-MOC: aluminium alloy Pinion-MOC: Corrosion-protected steel Seals-MOC: NBR Bearings: self-lubricating plastic Gaskets: NBR Control pressure: 3 - 8 bar Ambient temperature: -20°C up to +80°C Safety: Minimum SIL2 certification to be provided for the actuators. Certificate to be submitted along with tender. Make: Bar / Ebro / InterApp / Festo / Substantially equivalent make approved by BNPM Bidder shall be manufacturer of the offered actuator or authorised distributor of OEM. Certificate to be submitted along with tender.</p>	<p>Technical Specifications shall remain same as tender: Yes / No.</p> <p>Model No.:</p> <p>Make:</p>	



SECTION IV – QUALITY CONTROL REQUIREMENTS

Sch. No	Item	Technical Specification	Whether agreed by the bidder	Deviations, if any
4.	Double acting pneumatic actuator for DN150 to DN200 Butterfly Valve	<p>Double acting actuator for DN150 to DN200 Butterfly valve Mechanism: Rack and pinion with self-centering piston guides in the casing / Scotch-yoke mechanism Nominal swivelling angle: 90° and adjustable of minimum + 3° to -8° in both directions. Connection: Mounting face for valves according to EN ISO 5211, for solenoid valves and accessories to VDI/VDE 3845 (NAMUR) Minimum torque at 6 bar control pressure: 220Nm Casing-MOC: aluminium alloy, anodized Caps-MOC: aluminium alloy Pistons/racks-MOC: aluminium alloy Pinion-MOC: Corrosion-protected steel Seals-MOC: NBR Bearings: self-lubricating plastic Gaskets: NBR Control pressure: 3 - 8 bar Ambient temperature: -20°C up to +80°C Safety: Minimum SIL2 certification to be provided for the actuators. Certificate to be submitted along with tender. Make: Bar / Ebro / InterApp / Festo / Substantially equivalent make approved by BNPM Bidder shall be manufacturer of the offered actuator or authorised distributor of OEM. Certificate to be submitted along with tender.</p>	<p>Technical Specifications shall remain same as tender: Yes / No.</p> <p>Model No.:</p> <p>Make:</p>	



SECTION IV – QUALITY CONTROL REQUIREMENTS

Sch. No	Item	Technical Specification	Whether agreed by the bidder	Deviations, if any
5.	Single acting pneumatic actuator for DN15 to DN40 Ball Valve	<p>Single acting actuator for DN 15 to DN 40 Ball valve Mechanism: Rack and pinion with self-centering piston guides in the casing / Scotch-yoke mechanism Number of Springs : 8 Nominal swivelling angle: 90°and adjustable of minimum +3° to -8° in both directions. Connection: Mounting face for valves according to EN ISO 5211, for solenoid valves and accessories to VDI/VDE 3845 (NAMUR) Minimum torque at 6 bar control pressure: 13Nm Casing-MOC: aluminium alloy, anodized Caps-MOC: aluminium alloy Pistons/racks-MOC: aluminium alloy Pinion type & MOC: Double Square & Corrosion-protected steel Seals-MOC: NBR Bearings: self-lubricating plastic Gaskets: NBR Control pressure: 3 - 8 bar Ambient temperature: -20°C up to +80°C Safety: Minimum SIL2 certification to be provided for the actuators. Certificate to be submitted along with tender. Make: Bar / Ebro / InterApp / Festo / Substantially equivalent make approved by BNPM Bidder shall be manufacturer of the offered actuator or authorised distributor of OEM. Certificate to be submitted along with tender.</p>	<p>Technical Specifications shall remain same as tender: Yes / No.</p> <p>Model No.:</p> <p>Make:</p>	



SECTION IV – QUALITY CONTROL REQUIREMENTS

Sch. No	Item	Technical Specification	Whether agreed by the bidder	Deviations, if any
6.	Single acting pneumatic actuator for DN50 to DN 65 Ball / Butterfly Valve	<p>Single acting actuator for DN 50 to DN65 Ball/Butterfly valve Mechanism: Rack and pinion with self-centering piston guides in the casing / Scotch-yoke mechanism Number of Springs : 8 Nominal swivelling angle: 90°and adjustable of minimum + 3° to -8° in both directions. Connection: Mounting face for valves according to EN ISO 5211, for solenoid valves and accessories to VDI/VDE 3845 (NAMUR) Minimum torque at 6 bar control pressure: 21Nm Casing-MOC: aluminium alloy, anodized Caps-MOC: aluminium alloy Pistons/racks-MOC: aluminium alloy Pinion type & MOC: Double square & Corrosion-protected steel Seals-MOC: NBR Bearings: self-lubricating plastic Gaskets: NBR Control pressure: 3 - 8 bar Ambient temperature: -20°C up to +80°C Safety: Minimum SIL2 certification to be provided for the actuators. Certificate to be submitted along with tender. Make: Bar / Ebro / InterApp / Festo / Substantially equivalent make approved by BNPM Bidder shall be manufacturer of the offered actuator or authorised distributor of OEM. Certificate to be submitted along with tender.</p>	<p>Technical Specifications shall remain same as tender: Yes / No.</p> <p>Model No.:</p> <p>Make:</p>	



SECTION IV – QUALITY CONTROL REQUIREMENTS

Sch. No	Item	Technical Specification	Whether agreed by the bidder	Deviations, if any
7.	Single acting pneumatic actuator for DN80 to DN125 Butterfly Valve	<p>Single acting actuator for DN80 to DN125 Butterfly valve Mechanism: Rack and pinion with self-centering piston guides in the casing / Scotch-yoke mechanism Number of Springs: 8 Nominal swivelling angle: 90° and adjustable of minimum +3° to -8° in both directions. Connection: Mounting face for valves according to EN ISO 5211, for solenoid valves and accessories to VDI/VDE 3845 (NAMUR) Minimum torque at 6 bar control pressure: 60Nm Casing-MOC: aluminium alloy, anodized Caps-MOC: aluminium alloy Pistons/racks-MOC: aluminium alloy Pinion type & MOC: Double square & Corrosion-protected steel Seals-MOC: NBR Bearings: self-lubricating plastic Gaskets: NBR Control pressure: 3 - 8 bar Ambient temperature: -20°C up to +80°C Safety: Minimum SIL2 certification to be provided for the actuators. Certificate to be submitted along with tender. Make: Bar / Ebro / InterApp / Festo / Substantially equivalent make approved by BNPM Bidder shall be manufacturer of the offered actuator or authorised distributor of OEM. Certificate to be submitted along with tender.</p>	<p>Technical Specifications shall remain same as tender: Yes / No.</p> <p>Model No.:</p> <p>Make:</p>	



SECTION IV – QUALITY CONTROL REQUIREMENTS

B) Commercial Compliance Statement:

Sl. No.	Features	Requirements of BNPMIPL, Terms & conditions	Whether Agreed by the firm	Deviation, if any
1	Payment Terms	As mentioned in Sl. No. 23 of Section II	Yes agreed	
2	Liquidated Damages	As mentioned in Sl. No. 21 of Section II	Yes agreed	
3	Risk Purchase	As mentioned in Sl. No. 22 of Section II	Yes agreed	
4	No. of pages	Total number of pages in Technical Bid		



SECTION V - DECLARATIONS

e-Tender No: BNPM/OTE/498/2023-24 dated 15.01.2024

(To be submitted on Company letterhead)

ANNEXURE-A

Any bidder from a country which shares a land border with India will be eligible to bid in the tender only if the bidder is registered with the Competent Authority (The Registered Committee constituted by the Department for Promotion of Industry and Internal Trade)

- I) Any bidder from a country which shares a land border with India will be eligible to bid in the tender only if the bidder is registered with the Competent Authority (The Registered Committee constituted by the Department for Promotion of Industry and Internal Trade).
- II) Bidder 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 judicial person not falling 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 controlled through entities 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 India (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 for the purpose of (III) above will be as under :-
 - 1) In case of a company or limited liability partnership, the beneficial owner is the natural person (s), who, whether acting alone or together, or through one or more judicial person, has a controlling ownership interest or who exercise control through other means.

Further explanation:

 - a) "Continuing 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 director or to control the management or policy decision including by virtue of their shareholding or management rights or shareholder agreements or voting agreements;
 - 2) In case of partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more judicial person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;

SECTION V - DECLARATIONS

- 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 judicial 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 owners(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 any 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) A bidder is permitted to procure raw material, components, sub-assemblies etc. from the vendors from countries which shares a land border with India. Such vendors will not be required to be registered with the competent authority, as it is not regarded as sub-contracting.
- VIII) However, in case a bidder has proposed to supply finished goods procured directly/indirectly from the vendors from the countries sharing land border with India, such vendor will be required to be registered with the competent authority.
- IX) The registration shall be valid at the time of submission of bid and at the time of acceptance of bid.

I have read the above clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. I hereby certify that M/s 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 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 originate in (Name of the country).

Signature: _____

Name: _____

Designation: _____

Date: _____

Stamp of the Organization: _____

SECTION V - DECLARATIONS

ANNEXURE-B

e-Tender No: BNPM/OTE/498/2023-24 dated 15.01.2024
(To be submitted on the letterhead)

DECLARATION

We do hereby declare that,

1. As on the date of submission of bid against this tender we are not in the list of ineligible/ blacklisted/ banned/ debarred entity by SPMCIL/ BRBNMPL/ BNPMIPL/any government agency for participating in its tenders.
2. We do hereby declare that we have read and understood all terms and conditions of tender document including Technical Specification, Quality Control Criteria and confirm to abide to those conditions without any counter conditions.
3. The director/proprietor of the bidding firm are not closely related to BNPMIPL.

In case, at any time the information furnished is found to be false, you may disqualify/ debar me/ us as deemed fit.

Signature: _____

Name: _____

Designation: _____

Date: _____

Stamp of the Organization: _____



SECTION V - DECLARATIONS

ANNEXURE-C

e-Tender No: BNPM/OTE/498/2023-24 dated 15.01.2024

(To be submitted on the letterhead)

DECLARATION

We, the undersigned, declare that we will automatically be suspended from being eligible for bidding in any tender with Bank Paper Mill India Private Limited, Mysore for the period of 12 months, if we are withdrawing our Bid during the period of bid validity (or) fail / refuse to furnish the performance security / execute the contract, if awarded.

Signature: _____

Name: _____

Designation: _____

Date: _____

Stamp of the Organization: _____



SECTION VI – PRICE SCHEDULE

(TO BE FILLED ONLINE THROUGH E-TENDER PORTAL)

Dear Sir,-

Sub: Price Bid for Supply of Double Acting & Single Acting Pneumatic Actuators (7 Items) at BNPM Plant, Mysuru

Ref: Tender No: BNPM/OTE/498/2023-24 dated: 15.01.2024

We have received and understood the above tender enquiry and are pleased to submit our price bid as under:

Sch. No.	Description	HSN / SAC	Qty	UoM	Basic Unit price (INR)	P&F, Freight & Transit Insurance & any other charges(if any) per unit (INR)	Unit Price (incl. of P&F, Freight, Transit Insurance & any other charges (if any) excl. of GST) (INR)	GST (%)	GST on Unit Price (INR)	Total Unit Price (incl. of GST) (INR)	Less: Input Credit (GST) (INR)	Effective Unit Price (net of input tax credit) (F.O.R Mysore) (INR)	Effective total price (net of input tax credit) (F.O.R Mysore) (INR)
			A		B	C	D=B+C	E	F=D*E	G=D+F	H=F	I=G-H	J=I*A
1.	Supply of Double acting pneumatic actuator for DN15 to DN40 Ball Valve at BNPM Plant, Mysuru as per Technical specification provided in Section III)		4	Nos.									
2.	Supply of Double acting pneumatic actuator for DN50 to DN65 Ball/Butterfly Valve at BNPM Plant, Mysuru as per Technical specification provided in Section III)		4	Nos.									
3.	Supply of Double acting pneumatic actuator for DN80 to DN125 Butterfly Valve at BNPM Plant, Mysuru as per Technical specification provided in Section III)		3	Nos.									



SECTION VI – PRICE SCHEDULE

4.	Supply of Double acting pneumatic actuator for DN150 to DN200 Butterfly Valve at BNPM Plant, Mysuru as per Technical specification provided in Section III)	2	Nos.																	
5.	Supply of Single acting pneumatic actuator for DN15 to DN40 Ball Valve at BNPM Plant, Mysuru as per Technical specification provided in Section III)	2	Nos.																	
6.	Supply of Single acting pneumatic actuator for DN50 to DN 65 Ball / Butterfly Valve at BNPM Plant, Mysuru as per Technical specification provided in Section III)	1	Nos.																	
7.	Supply of Single acting pneumatic actuator for DN80 to DN125 Butterfly Valve at BNPM Plant, Mysuru as per Technical specification provided in Section III)	1	Nos.																	
Total Effective Price (net of input tax credit) for Supply of Double Acting & Single Acting Actuators (7 items) with Freight, P&F, Transit Insurance and any other charges (F.O.R – BNPM, Mysore site) (INR)																				
Total Price for Supply of Double Acting & Single Acting Actuators (7 items) with Freight, P&F, Transit Insurance, any other charges & GST (F.O.R – BNPM, Mysore site) (INR)																				

- Note:** 1. Effective price shall be calculated based on Total Price i.e. (Unit Price, P&F, Insurance, Freight & GST amount) less input GST amount. L-1 status shall be decided considering overall (i.e. all the line items together) lowest total effective price.
2. Bidder shall note that no extra cost will be considered over and above the price quoted in the price bid and hence bidder shall ensure that price submitted in the price bid is quoted considering complete technical specifications as defined in the tender document.
3. Bidder shall be eligible to pass on the input credit which has been deducted from Total price to arrive at Effective price.

