Scope of Supply

SI. No.	Item Code	Item Description	UoM	Quantity
1	IU3130800	Complete Butterfly Control Valve Tag No.11-HV-36; Service: Ammonia from V1 to P5; Size: 8 inch; Detail specifications as per attached annexure	NO	1
2	IU3130801	Packing Set for 11-HV-36	ST	1
3	IU3130802	Gasket Set for 11-HV-36	NO	1
4	IU3130803	Actuator Spare kit for 11-HV-36 includes(Diaphragm & O rings)	NO	1
5	IU3130804	Trim set for 11-HV-36 includes(shaft & disk assmebly, seal ring, bearing)	NO	1

Additional Terms & Conditions (ATC)

- I. The offer shall be supported with detailed technical specification.
- II. Item should be compatible and exactly interchangeable with the existing items.

 Interchangeability certificate is to be submitted by party along with dispatch documents.
- III. Detailed <u>dimensional drawing and instruction Manual/ Catalogue</u> of control valve and its accessories to be submitted along with offer.
- IV. Guarantee/Warrantee: The offered material shall be guaranteed against any manufacturing defect and poor workmanship for a period of 18 months from the date of supply or 12 months from the date of commissioning, whichever is earlier. In case the material fails during guarantee period due to defective material or bad workmanship, you will have to replace/rectify the same free of cost. The guarantee certificate should indicate our order number and your invoice number. Guarantee/Warrantee Certificate shall be submitted along with dispatch documents.

Specifications of 11-HV-36 Control Valve

S.No.	ITEM	DESCRIPTION			
1	Tag No.	11-HV-36			
2	Service	Liquid Ammonia			
3	Make & Model	Party to specify _			
4	Pressure bar	25			
5	Δp bar	25			
6	Temp. °C	4 to 36			
7	Valve Action	Air to open			
8	Valve Type	Tight Shut Butterfly Valve lugged type suitable for Fitment between ANSI 300# Class Flanges			
9	Size	8"			
10	Flange to Flange distance	73 <u>+</u> 3 mm			
11	Body	ASTM A 351 GR CF8M			
12	Disc	SS 316 or Better			
13	Seat	PTFE or Better			
14	Valve Action	Air to Open			
15	Leakage Class	Class VI			
16	Actuator	Single acting spring return type			
17	Actuator torque	Party to specify			
18	Handwheel	Required			
19	Operation	ON-OFF Type			
20	Air Supply Pressure kg/cm2	4.5 max			
21	Accessories	Required as below			
22	Position Indicator	Local			
23	Air set	Yes, AFR With Mounting Bracket			
24	SOV	Ex proof 110 VDC Solenoid Valve			
25	Limit Switches	Ex Proof Limit Switches for Open and Close Positions with 1/2" Cable Glands shall be provided			
26	Tubing	SS Tubing for Solenoid Valve and Actuator			

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Notes:	
1	Product catalogue and Dimensional drawing shall be sent alongwith quotation.
2	to all the shall not be used in any part of the valve.
3	The bidder either through OEM or self shall submit minimum one PO copy of supplied butterfly valve having size not less than 6° at any Fertilizer plant/ Petrochemical/ Power Plant/ Refinery/ Continous process plants. If bidder is unable to submit the same, then offer shall be liable to rejected.
4	Material Test Certificate and Leakage test certificate shall be provided with supply of valve.
5	The offer must be supported with detailed technical specification.
6	The item shall be compatible and exactly interchangeable with the existing item.
7	Bidder shall submit OEM authorization Certificate, If bid is submitted by Dealer/Channel Partner.
8	to the state of th
9	Guarantee / Warranty certificate for 12 months from the date of installation or 18 months from the date of
10	The detailed dimensional drawing, maintenance manual, and datasheet for the offered valve and its accessories to be supplied along with the material.



Self-Certification Form: Make In India (Local Content)

(On Party/Company's Letter Head)

Model Clause Certificate: Public Procurement

Certificate regarding Procurement from a Bidder of a country which shares a land border with India

(On Company's Letter Head)

Tender Ref. No.:
To M/s National Fertilizers Limited, Vijaipur-Guna (M.P)-473111
Sub: Model Clause Certificate of Restrictions under rule 144 (xi) of the General financial Rules (GFRs) 2017, dated: 23.07.2020.
Sir,
I(authorized
signatory) for M/sprocent from a bidder of a country which shares a land border with India.
We certify that this bidder M/s [Vendor Name & address] is not from such a country.
or,
However, if any bidder falls in the category of bidders as indicated in the Definitions clause at S.no. 6, 7, 8, 9 and 10 of Order (F.No.6/18/2019-PPD, Public Procurement No. 1) dt.23.07.2020, should submit the certificate as under:
We hereby certify that M/s
For M/s Authorized Signatory
(with company seal & Name)