

### Scope of Supply

Sl. No.	Item Code	Item Description	UoM	Quantity
1	JA6140955	Actuator Repair Kit for Control Valve Tag No 346PIC-300	ST	1
2	JA6140956	Packing Set for Control Valve Tag No 346PIC-300	ST	2
3	JA6140957	Gasket Set for Control Valve Tag No 346PIC-300	ST	2
4	JA6140958	Trim Set for Control Valve Tag No 346PIC-300	ST	1
5	JA6140959	New Complete Control Valve, Tag No: 346-PIC-300 for HRU Natural Gas pressure control. Detail specification is attached at Annexure-I.	NO	1

### Additional Terms & Conditions (ATC)

- I. Party should submit detailed technical catalogue for quoted items with decoding statement along with the offer.
- II. Guarantee/Warranty: 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/Warranty Certificate shall be submitted along with dispatch documents.

## ANNEXURE 1

## 1. MAIN NG CONTROL VALVE SPECIFICATIONS (346-PIC-300)

SERVICE CONDITIONS			
SL NO	TITLE	NFL'S SPECIFICATIONS	VENDCIR CONFIRMATION /REMARK
1	TAG NO.	MAIN NG VALVE	
2	QUANTITY	1 COMPLETE VALVE	
3	SERVICE	NG PRESSURE CONTROL	
4	FLUID STATE	GAS	
5	SPECIFIC GRAVITY: NOR/MAX	0.55 / 0.75	
6	MOLECULAR WEIGHT: MIN/MAX	16 / 21.65	
7	FLOW RATE: Nm3/Hr MIN/NOR/MAX	800/4000/7500	
8	INLET PRESSURE KG/CM2 MIN/NOR/MAX	10/15/20	
9	OUTLET PRESSURE KG/CM2 MIN/NOR/MAX	0.50/1.5/3.00	
10	INLET TEMPRATURE DEG C MIN/NOR/MAX	15/50/70	
11	DP ACTUATOR SIZING Kg/cm2 NOR/MAX	13.5/20	
12	MAX SHUT OFF DP Kg/cm2	20	
13	LINE SIZE : IN/OUT	4" / 8"	
14	CV REQUIRED/CALCULATED	VENDOR TO SPECIFY	
15	CV SELECTED	VENDOR TO SPECIFY	
16	NOISE LEVEL	< 90 DB	
VALVE BODY			
17	VALVE SIZE/ RATING	2" / #300	
18	VALVE TYPE	GLOBE	
19	END CONNECTION / RATING	RF FLANGE / CLASS #300	
20	FLANGE FACE TO FACE DISTANCE	EXISTING = 130MM, VENDOR TO SPECIFY	
21	BODY MATERIAL/RATING	A216 WCB / #300	
TRIM			
22	PLUG TYPE MATERIAL	SS316 HARD FACE	
23	CHARECTERISTICS	LINEAR	
24	CAGE MATERIAL	SS316, PARTY TO SPECIFY	
25	SEAT MATERIAL	SS316 HARD FACE STELLITE	
26	TYPE OF BONNET	PLAIN	
27	LEAKAGE CLASS	CLASS IV OR BETTER	
28	PACKING	VENDOR TO SPECIFY SUITABLE FOR ABOVE SERVICE CONDITIONS	
ACTUATOR			
29	ACTUATOR TYPE	DIAPGRAGM SPRING RETURN	
30	FAIL SAFE ACTION	VALE CLOSES	
31	INST TUBING/CONNECTION	12 MM/NPT	
32	HAND JACK	REQUIRED, PARTY TO SPECIFY	
33	AVALIABLE PNEUMATIC SUPPLY	MAX 6 KG/CM2 AVAILABLE	
34	POSITIONER TYPE / MAKE	SMART POSITIONER WITH DIGITAL DISPLAY, POSITIONER FEEDBACK & CONFIGURABLE FROM HART COMM. AND KEY PAD/ BUTTONS ON FRONT, VENDOR TO SPECIFY	
35	INPUT SIGNAL/ACTION	4 TO 20 mA/DIRECT	
36	AIR FILTER REGULATOR	REQUIRD, PLAKA, SMC, NORGEN MAKE	
37	GAUGES	REQUIRED	
SPARES			

BDA

29.06.23

38	DIAPHRAGM	1NO.	
39	ACTUATOR REPAIR KIT	1SET	
40	TRIM(PLUG+STEM+CAGE+SEAT)	1SET	
41	TRIM SEAL RING	2NOS.	
42	TRIM/BONNET GASKET	2 sets	
43	GLAND PACKING	2 Sets	
44	POSITIONER	1 NO.	

**COMPANION FLANGES**

45	COMPANION FLANGES FOR SUPPLIED CONTROL VALVE	2 NOS. 2", MATERIAL CS (A-105), DIAMENSION AS PER ANSI B16.5	
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**NOTE :**

46	THE OFFER SHALL BE COMPLETE WITH RELATED PRODUCT CATALOGUE, DIMENSIONAL DRAWINGS ETC.		
47	ALL THE CALCULATION AND DATA SHEET FOR CONTROL VALVE CV TO BE SUBMITTED.		
48	ALL THE DEVIATIONS ARE TO BE CLEARLY INDICATED.		

**Following documents/certificates are required along with the material**

49	SEAT LEAKAGE TEST REPORT.		
50	BODY PRESSURE TEST REPORT.		
51	GUARANTEE/WARRANTY CERTIFICATE.		

**2. MAIN NG CONTROL VALVE BYPASS VALVE SPECIFICATIONS (346-PIC-300)**

**SERVICE CONDITIONS :**

SL NO.	TITLE	NFL'S SPECIFICATIONS	VENDOR'S CONFIRMATION/REMARK
1	TAG NO.	MAIN NG VALVE BYPASS VALVE	
2	QUANTITY	1	
3	SERVICE	NG PRESSURE CONTROL	
4	FLUID STATE	GAS	
5	SPECIFIC GRAVITY: NOR/MAX	0.55 / 0.75	
6	MOLECULAR WEIGHT: MIN/MAX	16 / 21.65	
7	FLOW RATE: Nm <sup>3</sup> /hR MIN/NOR/MAX	00/800/800	
8	PRESSURE KG/CM <sup>2</sup> INLET/OUTLET	10/15/20	
9	OUTLET PRESSURE KG/CM <sup>2</sup> MIN/NOR/MAX	0.50/1.0/1.0	
10	INLET TEMPRATURE DEG C MIN/NOR/MAX	15/50/70	
11	DP ACTUATOR SIZING NOR/MAX	14.0/20.0	
12	LINE SIZE : IN/OUT	1" / 1"	
13	CV REQUIRED/CALCULATED	VENDOR TO SPECIFY	
14	CV SELECTED	VENDOR TO SPECIFY	
15	NOISE LEVEL	< 90 DB	

**VALVE BODY**

16	VALVE SIZE/ RATING	2" / #300	
17	TYPE	PRESSURE REGULATING VALVE (MANUAL VALVE), PRESSURE ADJUSTABLE FROM 0.6 KG/CM <sup>2</sup> to 1.5 KG/CM <sup>2</sup> , SET PRESSURE = 0.8 KG/CM <sup>2</sup>	
18	ENDCONNECTION /RATING	VENDORTOSPECIFY	
19	FLANGE FACETO FACE DISTANCE	EXISTING = 130MM, VENDOR TO SPECIFY	
20	BODY MATERIAL/RATING	A216 WCB CLASS / #300	
21	SEAT TYPE/ MATERIAL	PARTY TO SPECIFY	

**ACTUATOR**

22	ACTUATOR TYPE	DIAPGRAGM	
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**SPARES**

23	DIAPHRAGM	1NO.	
24	ACTUATOR REPAIR KIT	1SET	
25	INTERNAL PARTS	1SET	

**COMPANION FLANGES**


*Handwritten signature and date:*  
 29.06.23



26	COMPANION FLANGES FOR SUPPLIED CONTROL VALVES	2 NOS. 2", MATERIAL CS (A-105), DIAMENSION AS PER ANSI B16.5	
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NOTE :

27	THE OFFER SHALL BE COMPLETE WITH RELATED PRODUCT CATALOGUE, DIMENSIONAL DRAWINGS ETC.		
28	ALL THE CALCULATION AND DATA SHEET FOR CONTROL VALVE TO BE SUBMITTED.		
29	ALL THE DEVIATIONS ARE TO BE CLEARLY INDICATED.		
<b>Following documents/certificates are required along with the material</b>			
30	SEAT LEAKAGE TEST REPORT.		
31	BODY PRESSURE TEST REPORT.		
32	GUARANTEE/WARRANTY CERTIFICATE.		

*Handwritten signature and date:*  
  
 21.06.23

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

**(On Party/Company's Letter Head)**

Tender Ref. No.: .....

To  
M/s National Fertilizers Limited,  
Vijaipur-Guna (M.P)-473111

Sub: Self Certification as per clause 9(a) of Revised Public Procurement (Preference to Make in India Order, 2017 of DPIIT dated 16.09.2020

Sir,

This is to certify that M/s.....is a 'Class I Local Supplier'/ 'Class II Local Supplier (Tick appropriate option & cut the other one) 'at the time of tender, bidding or solicitation hereby confirm that the item offered meets the Local Content requirement for Class I Local Supplier' /'Class II Local Supplier' (Tick appropriate option & cut the other one) and the Local Content percentage is.....

I also certify that the bidder M/s..... has not been debarred by any procuring entity from violation of this order.

The address is as below, where the local content/value addition is made:  
[Factory Address]

.....  
.....  
.....

For M/s.....  
Authorized Signatory  
(with company seal & Name)

**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/s..... have read the clause regarding restrictions on procurement 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..... [Vendor Name & address] is from such a country and has been registered with Competent Authority (specified in Annexure- I of Order (F.No.6/18/2019-PPD, Public Procurement no. 1) dt.23.07.2020) and further certify that our firm fulfils all requirements in this regard and is eligible to be considered. The evidence of valid registration by the Competent Authority is attached herewith.

For M/s.....  
Authorized Signatory

(with company seal & Name)