

Scope of Supply

Sl. No.	Item Code	Item Description	UoM	Quantity
1	IA9128020	2 WAY SLEEVED PLUG VALVE.SIZE:1.5".SERVICE:SULPHURIC ACID(H ₂ SO ₄). MAX.LINE PRESSURE:5 Kg/cm ² . MAX.TEMPERATURE: 60 DEG.CENTIGRADE. SPECIFICATIONS AND OTHER NECESSARY DETAILS ARE ATTACHED AT ANNEXURE 1 BELOW.	NO	2

Additional Terms & Conditions (ATC)

- I. Party shall be in service of supplying similar valves in India since last 3 years and shall provide at least 1 reference PO for the same. At least 1 reference PO of minimum 3 years for supplying 2 way sleeved plug valve in India for acid service.
Similar valve means "2 way sleeved plug valve" for acid service having size 1.5", 2" etc.
- 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.



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Annexure-1

ITEM CODE		IA9128020
2	ITEM	2 WAY SLEEVED PLUG VALVE ALONG WITH LIMIT SWITCH
3	TYPE OF VALVE	PLUG VALVE
4	SERVICE	ACID SERVICE (98% H2SO4)
5	MAX. PRESSURE	10 Kg/Cm2
6	MAX. TEMPERATURE	60 Deg. Celcius
7	VALVE SIZE	1.5 INCH (40 mm)
8	FACE TO FACE DISTANCE	160 MM
9	END CONNECTION/RATING	FLANGED ANSI # 150 LBS
10	FLANGE DRILLING	ANSI 150
11	BODY MATERIAL	ASTM A 351 Gr. CN7M
12	PLUG MATERIAL	ASTM A 351 Gr. CN7M
13	SLEEV	PTFE/ACID SERVICE GRADE
14	COVER MATERIAL	ASTM A 351 CF8 OR BETTER
15	HAND WHEEL	YES REQUIRED
16	TYPE OF ACTUATOR	PNEUMATIC CYLINDER, SINGLE ACTING SPRING RETURN
17	MAX. ACTUATOR PRESSURE	PARTY TO SPECIFY
18	AIR FAIL	CLOSE
19	SEAT LEAKAGE	CLASS-VI (ANSI/FCI 70-2-1991)
20	EXTERNAL LEAKAGE	API-607-FOURTH EDITION-SECTION 4.2
21	VALVE PAINTING	CORROSION RESISTANT PAINT (ACID AREA)
	LIMIT SWITCH	
1	LIMIT SWITCH	HEAVY DUTY (1 NO + 1NC)
2	DEGREE OF PROTECTION	IP67
3	CONTACT RATING	220 V/5 AMP.
4	CABLE ENTRY	1/2" NPT (F)

NOTE:-

- 1 Mounting plate between actuator and valve body should be of SS 304.
- 2 2 NO of rubber gasket shall be supplied along with each valve.