

Sr. No.	Description	Quantity Required
1	Solenoid Valves (Specification is attached at page 02)	60 (Nos.)

7:2/2

ISA FORM S20.55				Specification Sheet				Project	
Customer				SOLENOID VALVES					
Equipment									
Plant									
Requisition.									
Contract No.									
GENERAL	1	Quantity		See Notes		See notes			
	2	Service		On/Off		On/Off			
	3	Tag No.							
	4	Line No.							
	5	Line Size	Material	See Notes	SS 304	See notes	SS 304		
VALVE BODY	7	Type		2 way		3 way			
	8	Body Size	Port Size						
	9	Guiding	No. of Ports						
	10	End Conn. & Rating		See Notes		See notes			
	11	Body Material		SS 304L		SS 304L			
	12	Seat Material		SS 304L		SS 304L			
	13	Operation: Direct/Pilot		Direct		Direct			
	14	Packless or type Packed							
	15	Manual Reset		Yes		Yes			
When De-energized	16	Manual Operator							
	17	2 way valve open/close		Normally Closed		NA			
	18	3 way valve open/close		NA		Normally Closed			
	19	Vent port open/close		open		Open			
	20	Press.port open/close		Closed		Closed			
SOLENOID	21	Fail position		Closed		Closed			
	22	Power Supply		24 VDC		24 VDC			
	23	Enclosure Type/CSA Rating		NEMA 4X		NEMA 4X			
	24	Style of Coil		TROPICALIZED		TROPICALIZED			
	25	Single or Double Coil		Single		Single			
	26	Amps: In-rush/Holding		Holding 0.375A		0.375A			
	27	Coil Temp rating							
	28	Service		Continuous		Continuous			
SERVICE CONDITION	40	Fluid Unit							
	41	Fluid		C.Air/Vacuum		C.Air/ Vacuum			
	42	Flow Max / Min							
	43	Operating Pressure		0.5 to 16 bar		0.5 to 16 bar			
	44	Estim. Min. dP / Max. dP							
	45	Valve Min. dP / Max. dP							
	46	Max T°	Oper. T°	80 °C	40 °C	80 °C	40 °C		
	47	Spec. Gravity @ Oper. T°							
	48	Max. Viscosity @ Oper. T°							
	49	% Solids							
	50	Area Clasification							
	51	Required CV							
	52	Valve CV							
53	Installation Orientation		Horizontal line						
54	Make		Ecoflo, Pneumax, Jefferson or European Brand or Equivalent.						

NOTES: 1. Coil must be rated for continious service
2. Cable entry must be 1/2" NPT

NOTES:

Catalogue/Literature alongwith quations is mandatory.

Sr.No.	Size	Type	Quantity
1	1/4" NPTF	3 way	10
1	1/4" NPTF	2 way	15
2	1/2"NPTF	2 way	20
3	3/4"NPTF	2 way	10
4	1" NPTF	2 way	5
Total			60