



Ref. No.: RGIPT/JAIS/EWS/QE/2024-25/15

Date: 31.08.2024

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**Sub: Quotation enquiry for supply of 20 Nos. Danfoss make Solenoid Valve at RGIPT Jais, Amethi.**

Dear Sir,

We request you to submit your competitive rates (quotation) for supply of 20 Nos. Danfoss make Solenoid Valve at RGIPT Jais Campus as per the following details:

Sl. No.	Item Description	Unit	Qty.	Rate per unit (In Rs.)	Total amount (In Rs.)
1	Solenoid Valve (make: Danfoss, EV220A) normally closed type and suitable for 40 mm line and as per attached technical specification	Nos.	20		
	<b>Total Amount Exclusive of GST (in Rs.)</b>				
	<b>GST Rates @ 18% (in Rs.)</b>				
	<b>Total Amount Inclusive of GST (in Rs.)</b>				
	<b>Freight Charges inclusive of GST (in Rs.)</b>				
	<b>Total Amount inclusive of GST &amp; Freight charges (in Rs.)</b>				
	<b>Say</b>				

**Terms & conditions:**

- Quoted rate should be strictly for the above-mentioned details inclusive of **GST & Freight charges**.
- The quotation should be sent to us duly **Signed and Stamped** only in **Sealed Envelope** and Super scribed as **Ref. No.: RGIPT/JAIS/EWS/QE/2024-25/15, Quotation for supply of 20 Nos. Danfoss make Solenoid Valve at RGIPT Jais, Amethi** by registered post or by hand to the office of **The Chairman, Electricity & Water Supply Unit, RGIPT Jais, Amethi**.
- The quotation should be submitted within 10 days from the date of quotation enquiry i.e. the quotation should be received on or before 09.09.2024 by 03:00 PM. In case of Saturday/ Sunday/ Any Gazetted Holiday is on the last date of submission; next working day will be considered as deadline for the submission of the same.

4. Vendor to submit the authorization letter / dealership certificate (If applicable) for the same. Items to be supplied only from the authorized distributor or reseller and documentary proof to be submit for the same.
5. Quotation received after the due date, for whatever reason, will not be considered for evaluation. The order will be awarded to the vendor, whose rate will be lowest in grand total.
6. The Institute reserves the right to accept/reject all or any part of the offer without assigning any reason thereof.
7. Your sealed quotation should be addressed to : **The Chairman, Electricity & Water Supply Unit, Rajiv Gandhi Institute of Petroleum Technology, Jais, Mukhetia More, Harbanshganj, Tiloi, Amethi, UP - 229304.**

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31/8/24

Member Secretary  
Electricity & Water Supply Unit

### Technical Specification

Model code/ Name	Solenoid valve, EV220A, G, 1 1/2, EPDM, NC
Code number	042U4087
Description	Approval: CE, Body material: Brass, Operation: Servo-operated (diaphragm), Number of ways: 2/2
URL	<a href="https://store.danfoss.com/en/Sensing-Solutions/Valves/Solenoid-Valves%2C-Fluid-Controls/Solenoid-valve%2C-EV220A%2C-G%2C1-1-2%2C-EPDM%2C-NC/p/042U4087">https://store.danfoss.com/en/Sensing-Solutions/Valves/Solenoid-Valves%2C-Fluid-Controls/Solenoid-valve%2C-EV220A%2C-G%2C1-1-2%2C-EPDM%2C-NC/p/042U4087</a>
<b>Product details</b>	
Gross weight	3.33kg
Net weight	2.97kg
EAN	5702423232581
Actuator	A
Actuator size	9 mm
Actuator size [in]	0.35 in
Actuator system [mm]	9mm
Ambient temperature max. [°C]	50°C
Ambient temperature max. [°F]	122°F
Approval	CE
Body material	Brass
Connection Internal/External	Internal
Connection material	Brass
Connection size [in]	1 1/2
Connection standard	ISO 228-1
Connection type	G
Cv value [gal/min]	20.8gal/min
Differential pressure [bar] [Max]	16bar
Differential pressure [bar] [Min]	0.3bar
Differential pressure [psi] [Max]	232psi
Differential pressure [psi] [Min]	4.35psi
Est. time to close, water [ms]	6000ms
Est. time to open, water [ms]	4000ms
Flow direction	Single-flow
Flow direction indicator	Embossed 1-way arrow
Fluid Group	I
Function	NC
Kv value [m³/h]	18m³/h
Max media viscosity [cSt]	50cSt
Max. test pressure [bar]	24bar
Max. test pressure [psig]	348psig
Max. Working Pressure [bar]	16bar
Max. Working Pressure [psig]	232psig
Media recommendations	Sweet water
Media tolerance comments	Neutral media
Medium temperature range [°C] [Max]	100°C
Medium temperature range [°C] [Min]	-30°C

Medium temperature range [°F] [Max]	212°F
Medium temperature range [°F] [Min]	-22°F
Number of ways	2/2
Operation	Servo-operated (diaphragm)
Orifice size [mm]	40mm
Orifice size fraction [in]	1 1/2 in
Packing format	Single pack
Parts Program name	EV220A
Product accessories	Solenoid valve accessories
Product group	Solenoid valves
Product name	Solenoid valve
Quantity per packing format	1pc
Seal Material	EPDM
Serviceable	Solenoid valve spare parts
Specification key	EV220A 40B G 112E NC000
Type	EV220A
Type designation	EV220A 40

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