

Sifab AS — Request for Quotation

Water Draw Kit — Snorre A Small Volume Prover

Field	Value
Date	2026-02-24
From	Sifab AS (Tom Sverre Falch / Sondre Falch)
To	Flowtec AS
Project	Snorre A — Small Volume Prover (Equinor, Norwegian North Sea)
Sifab Reference	SP-01415
End Client	Equinor — Snorre A platform

1. Background

Sifab AS is supplying a Honeywell Small Volume Prover (SVP085) for Equinor's Snorre A platform in the Norwegian North Sea. We require a water draw kit for calibration testing at the factory (FAT) and on the platform (SAT).

Sifab previously purchased water draw kit components from Flowtec for our NOA/Valhall prover projects (SP-00525 / SP-00577). We are satisfied with the supply and wish to order again for Snorre A.

2. Items Required

2.1 Solenoid Valves

#	Item	Specification
1	Solenoid valve — water draw circuit	Per previous supply: Lucifer model 201LG4SVG7 with coil 492190C2, or equivalent

Parameter	Requirement
Type	Direct pilot operated, 2-port, spring return
Body material	SS 316
Ports	1/2" BSP female
Trim	NBR
Operating medium	Water / neutral liquids
Operating pressure	0–2 bar (DC)
Operating temperature	-10°C to +140°C
Supply voltage	24 VDC

IP rating	IP66
ATEX classification	Ex eb mb IIC T3/T4
Cable entry	M20 × 1.5
Quantity	2 (confirm with Honeywell GA — may need 1 or 2 per water draw circuit)

Lesson learned from previous project: The solenoid valve orifice size had to be changed during FAT (smaller orifice needed). Please advise on the recommended orifice size for an SVP085 prover. We want to get this right from the start.

2.2 Water Draw Kit Tubing and Fittings

#	Item	Specification
2	Tubing	1" 6Mo (UNS N08367) — use 1" from start (lesson learned: NOA/Valhall was specified as 1/2" and had to be upgraded to 1" via variation order at significant cost)
3	Fittings	1" 6Mo Hoke Gyrolok compression fittings
4	Elbows	1" 6Mo — required due to larger bending radius of 1" tubing
5	Manual instrument valves	SS 316 minimum, 1/2" or as required by circuit design

2.3 Complete Kit Assembly

Sifab can either:

- **(A)** Purchase components and assemble the water draw kit in-house, or
- **(B)** Have Flowtec supply a complete assembled and tested water draw kit

Please quote both options.

3. Technical Requirements

Parameter	Requirement
Application	Water draw calibration of Honeywell SVP085 prover
Prover service	Crude oil fiscal metering
Design pressure	49 barg (prover design pressure)
Operating pressure (water draw)	Atmospheric to ~2 bar
Material specification	6Mo for tubing/fittings per Equinor TR2000 MDS ST701/SF712, SS 316 minimum for valves
NACE MR0175	Required for all wetted parts
ATEX	Zone 1, IIA T3 minimum

Norsok M-501	Surface protection per TR0042
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4. Quotation Format Requested

Please provide:

1. **Solenoid valves** — unit price, quantity 2
2. **1" 6Mo tubing** — price per meter (estimate 10–15m needed)
3. **1" 6Mo fittings kit** — Hoke Gyrolok tees, elbows, unions, connectors (estimate quantities based on typical water draw circuit)
4. **Manual instrument valves** — unit price
5. **Option: Complete assembled kit** — if Flowtec can deliver a tested assembly
6. **Delivery time** — weeks from order
7. **Validity** of quotation

5. Delivery

Parameter	Requirement
Delivery address (option 1)	Honeywell/TruStop, 1725 W. 10th Pl., Tempe, AZ 85281 (for factory installation)
Delivery address (option 2)	Sifab AS, Bedriftsveien 24, 4313 Sandnes, Norway

Please quote both delivery options.

6. Previous Order Reference

For reference, the NOA/Valhall water draw kits included:

- Lucifer solenoid valves (model 201LG4SVG7, coil 492190C2)
- 1" 6Mo tubing and Hoke fittings (upgraded from original 1/2" specification)
- GA drawings: FLO-SIFAB-GAD-002 (Hugin A and Valhall PWP versions)
- Vendor assessment: Flowtec AS assessed as qualified supplier for Sifab AS

7. Contacts

Role	Name	Phone	Email
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