

□ Siemens Oilfield Systems – Technical & Commercial Bid

Equipment: Three Phase Separator

Bid Reference: SOS/SEP/2025/017

Submitted to: IMC Upstream Processing Plant Project

1. Company Profile

Siemens Oilfield Systems is a global leader in integrated energy solutions, serving the oil & gas, petrochemicals, and power industries for more than 60 years. With operations in over 85 countries and a dedicated workforce of 90,000, Siemens provides advanced process equipment, automation systems, and sustainable energy technologies.

Our Oilfield Systems division specializes in upstream oil & gas processing equipment including separators, compressors, and produced-water treatment systems. Siemens manufacturing facilities are certified under ISO 9001:2015, ISO 14001, and API Monogram programs. Our experience includes successful deliveries to ExxonMobil, TotalEnergies, Petrobras, and ONGC.

Key Differentiators:

In-house digital twin simulation for performance optimization.

Energy-efficient designs reducing operating costs by 15–20%.

Global network of service centers providing 24/7 field support.

Strong compliance with international standards (API 12J, ASME Sec VIII, PED, CE Marking).

2. Technical Proposal

We propose to supply a Three Phase Separator designed for high efficiency separation of oil, gas, and water phases.

Key Design Parameters

Capacity: 50,000 BPD (barrels of liquid per day)

Operating Pressure: 70 bar (g)

Operating Temperature: 0–90 °C

Material of Construction: Duplex Stainless Steel (ASTM A890 Grade 5A) for corrosion resistance

Design Code Compliance: ASME Section VIII Div.1, API 12J

Nozzles & Internals: Proprietary Siemens vane-pack mist eliminators for enhanced gas-liquid separation

Controls & Instrumentation: Siemens PLC-based automation with redundant pressure, level, and flow transmitters

Skid-Mounted Assembly: Includes piping, valves, and structural supports for reduced installation time

Scope of Supply

Separator vessel with internals

Instrumentation & control system (PLC-based)

Skid-mounted package with all piping, valves, and safety devices

Supervision of erection & commissioning

Operator training & documentation package

Spare parts for 2 years of operation

Exclusions

Civil & foundation works

Electrical cabling outside skid boundary

Third-party inspection beyond agreed scope

3. Commercial Proposal

Total Price: USD 4,200,000 (CIF IMC site)

Payment Terms: 20% advance, 70% on delivery, 10% post-commissioning

Delivery Schedule: 38 weeks from PO date

Warranty: 36 months from commissioning

Quotation Validity: 90 days from submission

All prices include freight, marine insurance, seaworthy packaging, and export documentation. Taxes & duties at destination are excluded.

4. Compliance Matrix

IMC Requirement	Siemens Compliance	Remarks
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API / ASME Certification Fully Complied All equipment certified
Material Specifications Fully Complied Duplex SS (ASTM A890)
Design Pressure & Temp Fully Complied 70 bar / 0–90 °C
Delivery Schedule Complied 38 weeks
Warranty Complied 36 months
5. After-Sales Support

Siemens Oilfield Systems offers 24/7 after-sales support with regional hubs in Abu Dhabi, Mumbai, and Houston. A dedicated service engineer will be assigned to IMC for the first two years of operation.

We also provide:

Remote monitoring via Siemens digital service platform

Annual health check of equipment

Training programs for IMC operators covering preventive maintenance and troubleshooting

6. Contact Information

Siemens Oilfield Systems
Procurement Department
Email: procurement@siemens-oilfield.com

Phone: +49-89-123456