

REQUEST FOR QUOTATION

RFQ Reference: RFQ-2026-BRG-001

Supply, Installation & Maintenance of Industrial Control Valves
Borouge Polyolefin Manufacturing Complex, Ruwais Industrial City, Abu Dhabi, UAE

Field	Details
Tender Reference	RFQ-2026-BRG-001
Issuing Entity	Borouge PLC (ADNOC Group)
Project Location	Ruwais Industrial City, Abu Dhabi, UAE
Issue Date	15 January 2026
Submission Deadline	28 February 2026, 14:00 GST
Submission Method	SAP Ariba Sourcing Portal
Contract Duration	3 Years (with option to extend 2 years)
Estimated Value	AED 8,000,000 — 12,000,000
Contact	procurement.ruwais@borouge.com

1. SCOPE OF WORK

Borouge PLC invites qualified suppliers to submit quotations for the supply, installation, commissioning, and ongoing maintenance of industrial control valves for the Borouge PP5 Polyolefin Manufacturing Complex at Ruwais Industrial City. The scope covers the complete lifecycle of control valve systems across the polypropylene and polyethylene production lines.

1.1 Supply Requirements

- Globe Control Valves (2-inch to 16-inch) — approximately 120 units
- Butterfly Control Valves (6-inch to 36-inch) — approximately 85 units
- Ball Control Valves (1-inch to 12-inch) — approximately 60 units
- Actuators (pneumatic and electric) — approximately 265 units to match valve quantities
- Smart Valve Positioners with HART/Foundation Fieldbus communication — 265 units
- Spare parts kits for 2 years of operation per valve type
- Specialized valve trim sets for severe service applications (high pressure, erosive media)

1.2 Installation & Commissioning

- On-site installation of all valve assemblies during planned turnaround windows
- Loop testing and commissioning with integration to existing Honeywell Experion DCS
- Factory Acceptance Testing (FAT) prior to shipment for all valves above 8-inch

- Site Acceptance Testing (SAT) upon installation completion

1.3 Maintenance Services

- Preventive maintenance program covering all supplied valves for 3 years
- 24/7 emergency response capability with 4-hour on-site response time for critical valves
- Annual valve health assessment and performance reporting
- Predictive maintenance using valve diagnostics data

2. TECHNICAL SPECIFICATIONS

All valves must comply with the following technical requirements:

Parameter	Requirement
Design Standard	IEC 60534 / ISA S75 / API 6D
Pressure Rating	ANSI Class 150 to Class 600 (application dependent)
Temperature Range	-29°C to +425°C
Body Material	Carbon Steel (ASTM A216 WCB), Stainless Steel (CF8M) for corrosive service
Trim Material	Stellite 6 overlay or Tungsten Carbide for erosive applications
Actuator Type	Pneumatic (spring-return fail-safe) and Electric (for remote locations)
Communication Protocol	HART 7.0 / Foundation Fieldbus H1
Leakage Class	ANSI/FCI 70-2, Class V minimum (Class VI for critical shutoff)
Fugitive Emissions	ISO 15848-1 Class BH certified (zero-emission packing)
SIL Rating	SIL 2 capable per IEC 61508 for safety-critical applications
Hazardous Area	ATEX Zone 1 / IECEx certified
Paint & Coating	Offshore-grade epoxy coating per NACE SP0198

2.1 Process Conditions Summary

Application	Media	Pressure (barg)	Temperature (°C)	Valve Type
PP Reactor Feed	Propylene	35	70	Globe
PE Reactor Discharge	Polyethylene slurry	25	85	Ball (V-port)
Cooling Water	Treated water	10	35	Butterfly
Steam Header	Superheated steam	42	380	Globe (bellows seal)
Flare Header	Mixed hydrocarbons	3.5	150	Butterfly (fire-safe)
Catalyst Injection	Catalyst slurry	50	60	Ball (ceramic trim)
Hydrogen Feed	Hydrogen gas	60	40	Globe (SIL 2)

3. EVALUATION CRITERIA

Proposals will be evaluated using the following weighted criteria. Bidders must address each criterion in their response.

#	Criterion	Category	Weight	Description
1	Manufacturing Experience & Capability	Technical	15%	Proven track record in control valve manufacturing for petrochemical applications.
2	Technical Specifications Compliance	Technical	10%	Full compliance with specifications listed in Section 2. Deviations must be justified.
3	Quality Certifications	Technical	5%	ISO 9001, ISO 14001, API Q1 certifications. Manufacturing facility audit reports available.
4	Delivery & Logistics	Commercial	10%	Lead time for manufacturing, shipping to Ruwais, import/customs handling.
5	Unit Pricing & Total Cost of Ownership	Commercial	15%	Competitive pricing including valves, actuators, positioners, spare parts, and labor.
6	Payment Terms & Warranty	Commercial	5%	Favorable payment terms. Minimum 24-month warranty on all supplied equipment.
7	HSE Policy & Track Record	Compliance	10%	Comprehensive HSE policy. Safety incident statistics for last 5 years. HSE training records.
8	ESG & Sustainability	Compliance	5%	Environmental policy, carbon footprint reporting, sustainability initiatives.
9	ICV (In-Country Value)	Compliance	10%	ICV contribution plan per UAE Ministry of Industry guidelines. Local content strategy.
10	Past Performance & References	Technical	10%	Minimum 3 references from petrochemical/refining clients in GCC region.
11	After-Sales & Maintenance Capability	Technical	5%	Local service center in UAE/GCC. Trained field service engineers. Spare parts availability.

Minimum qualifying score: 65% overall, with no single category below 50%.

4. MANDATORY REQUIREMENTS (Pass/Fail)

The following are mandatory and non-negotiable. Failure to comply will result in disqualification:

- MR-01: Valid ISO 9001:2015 certification for manufacturing facility
- MR-02: Valid ISO 45001:2018 or equivalent HSE management system certification
- MR-03: ATEX / IECEx certification for equipment intended for hazardous areas
- MR-04: SIL 2 certification per IEC 61508 for safety-rated valves
- MR-05: ISO 15848-1 fugitive emissions certification
- MR-06: Minimum 10 years of control valve manufacturing experience
- MR-07: Minimum 3 completed contracts of similar scope (petrochemical/refining, GCC preferred) in last 7 years
- MR-08: ICV Certificate or commitment to achieve minimum 30% ICV score within Year 1 of contract
- MR-09: Professional Indemnity Insurance of minimum AED 10,000,000
- MR-10: Compliance with UAE Federal Law on Data Protection (personal data handling)

5. SUBMISSION REQUIREMENTS

Bidders must submit their response via SAP Ariba Sourcing portal in the following structure:

- Part A — Company Profile & Experience (max 10 pages)
- Part B — Technical Proposal addressing all specifications in Section 2 (max 30 pages)
- Part C — Commercial Proposal with detailed pricing breakdown and 5-year TCO model
- Part D — HSE Documentation: HSE policy, incident statistics (last 5 years), certifications
- Part E — ESG & Sustainability: Environmental policy, carbon footprint data, sustainability report
- Part F — ICV Plan: Detailed ICV contribution plan with projected ICV score calculation
- Part G — References: Minimum 3 project references with client contact details
- Part H — Certifications: All mandatory certifications (copies)

All documents must be submitted in PDF format. Maximum total file size: 50 MB.

6. COMMERCIAL TERMS

- Currency: Pricing in AED or USD (state conversion rate if USD)
- Incoterms: DAP Ruwais Industrial City, Abu Dhabi
- Payment: 30% upon order confirmation, 60% upon delivery and inspection, 10% upon commissioning
- Warranty: Minimum 24 months from commissioning date
- Liquidated Damages: 0.5% of contract value per week of delay, capped at 10%
- Performance Bond: 10% of contract value
- Validity: Quotation must remain valid for 120 days from submission deadline

7. PROJECT TIMELINE

Milestone	Target Date
RFQ Issue Date	15 January 2026
Clarification Questions Deadline	10 February 2026
Submission Deadline	28 February 2026
Technical Evaluation	1 March — 21 March 2026
Commercial Evaluation	22 March — 31 March 2026
Vendor Selection & Award	15 April 2026
Contract Execution	30 April 2026
Phase 1 Delivery (Globe Valves)	31 August 2026
Phase 2 Delivery (Butterfly & Ball)	30 November 2026
Installation & Commissioning	Q1 2027 (during planned turnaround)

