



## Engineering Requisition for Equipment / Services Form

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### SECTION 1 - ADDITIONAL INFORMATION

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#### 1.1 SCOPE OF SUPPLY

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Supply of Valves including required documentation, mandatory testing requirements and packaging for sea and road transport.

The Supplier is responsible to furnish equipment and accessories of a sound mechanical design in accordance with good working practices to meet the design conditions as specified.

Drawings and mechanical data sheets shall be submitted to the client for approval prior to commencement of valve manufacture.

It is preferable for **Gearbox Housings** to be made from **Cast Steel** (as opposed to Cast Iron).

Trunnion mounted ball valves shall be supplied with approved grease fittings in accordance with 0000-TS-L006 for seat injection and stem injection. 6" and 8" valves shall have 1 fitting per seat. 10" valves and above shall have 2 fittings per seat. 4" valves and above shall have a stem grease fitting for lubrication of the stem.

All ball valves shall be supplied with Fire Safe Certificates in accordance with 0000-TS-L006.

All materials for pressure components shall be supplied with material certificates in accordance with Type 3.1 of BS EN ISO 10204.

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#### 1.2 APPLICABLE CODES, STANDARDS AND SPECIFICATIONS

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In accordance with 0000-TS-L-0006 and 0000-TS-L0007.

Manufacturers shall have ISO 9000 accreditation confirming manufacture is in accordance with specified goods and material descriptions.

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#### 1.3 SPECIAL REQUIREMENTS FOR INSPECTION AND TESTING

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In accordance with documents listed in Section 2 of this requisition, and the following additional requirements;

1. Drawings and mechanical data sheets shall be submitted to the client for approval prior to commencement of manufacture or dispatch from Vendor's Shop.
2. Valve Castings: ASME Class 900, 1500 and 2500 valve bodies, including flanges, shall be inspected as per the requirements of Specifications 0000-TS-L006.
3. In addition to the requirements of API-598/API-6D any valve bodies (cast or forged) manufactured in China or India shall be subject to an extended hydrostatic shell test duration of 10 minutes.
4. Inspection level: Final inspection of goods and documentation at Supplier's works prior to dispatch.
5. No goods shall be dispatched from Supplier without an inspection release note.

#### **Quality Assurance AS/NZS ISO 9001**

Supplier shall apply a quality system that complies with the requirements of AS/NZS 9001 and is currently certified as complying with that standard by a recognised Third Party.

QA Documentation that the Supplier will be required to submit after award of purchase order is detailed in the Supplier Data Requirement Form.

Company, and or representative of Company, shall have all reasonable right of access to Supplier's, and where applicable to Supplier's sub-contractor's, offices and works, for verification, inspection and expediting of any aspect of the manufacturing program.

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## Engineering Requisition for Equipment / Services Form

### SECTION 2 – SUPPLIER DATA REQUIREMENTS FORM

#### Part 1 – Information Required with Quotation

To be read in conjunction with instructions in Section 1

Item	Description	Required
1	Compliance Statement (see below)	
2	Supplier Drawing and Data Index	
3	Manufacturing / Delivery Schedule	
4	Uncontrolled Copy of Quality Assurance Manual Or current ISO 9001 Certification by Third Party	
5	Quality Plan	
6	Safety Plan	
7	Sample Inspection and Test Plan	
8	General Arrangement Drawing(s)	
9	Shop Detail Drawing(s)	
10	Assembly Drawings(s)	
11	Cross Section Drawing(s)	
12	Dimensioned General Outline Drawings	
13	Calculations	
14	Sample Weld Procedures	
15	Complete Parts List	
16	Quotation for Special Tools	
17	Priced Spare Parts for Start-up and Commissioning	
18	Complete Data Sheets / Descriptive Literature	
19	List of Previous Experience with Similar Work / Projects	
20	Recommendation for Operating Spares (for 2 years)	
21	Hazardous Area Certificates of Conformity	
22	List of proposed Sub-Vendors, Manufacturing Locations and <b>Country of Origin</b> for all key valve components including castings and forgings. <b>Note: It must be made explicitly clear at the tender stage if any components will be supplied from China or India.</b>	
23	Additional information to be provided per Section 6.0 of Specification 0000-TS-L006 and 0000-TS-L007	
24	Valve Type Test Fire Rating Certificate	
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This Supplier / Sub-contractor shall supply a Compliance Statement that confirms complete compliance with the Requisition and referenced documents or lists specific deviations and exceptions.



## Engineering Requisition for Equipment / Services Form

### SECTION 2 – SUPPLIER DATA REQUIREMENTS FORM

#### Part 2 – Information Required After Award of Purchase Order

To be read in conjunction with instructions in Section 1

**The Supplier or his authorised representative shall sign and return this page with the tender to show compliance with the Supplier data requirements.**

**Name** \_\_\_\_\_

**Company** \_\_\_\_\_

**Date** \_\_\_\_\_

**Signature** \_\_\_\_\_

Item	Description No	Required						
		Approval / Info				Certified		
		No	Type	A/I	Wks	No	Type	Wks
<b>QA / Inspection &amp; Testing</b>								
1	Supplier Drawing and Data Index	1	E	A	1	1	E & P	2
2	Manufacturing / Delivery Schedule	1	E	A	1			
3	Quality Assurance / Safety Plan							
4	Inspection & Test Plans	1*	E	A	1	1	E & P	Note 4
<b>Engineering &amp; Design Documents</b>								
5	Piping and Instrument Diagrams							
6	General Arrangement Drawing(s)	1*	E & P	A	2	1	E & P	In MDR
7	Shop Detail Drawing(s)							
8	Assembly Drawing(s)	1*	E & P	A	2	1	E & P	In MDR
9	Cross Section Drawing(s)	1*	E & P	A	2	1	E & P	In MDR
10	Vessel Detail Drawing(s)							
11	Tie-in Schedule							
12	Vessel Calculations							
13	Process Calculations							
14	Mechanical Data Sheets	1*	E & P	A	2	1	E & P	In MDR
15	Instrument Data Sheets							
16	Electrical Single Line Diagram(s)							
17	Electrical Schematic Diagram(s)							
18	Electrical Wiring Diagram(s)							
19	Electric Motor Details							
20	Instrument Schematic Diagrams (inc. JB's & Panels)							
21	Instrument Layout Diagrams							



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Item	Description No	Required						
		Approval / Info				Certified		
		No	Type	A/I	Wks	No	Type	Wks
22	Instrument Connection Diagrams (inc. JBs)							
23	Hazardous Area Certificates							
24	Weight Calculations							
	<b>Other Documents</b>							
25	Weld Procedures							
26	Material Test Certificates (Mech & Inst)					1	E & P	In MDR
27	Certificate of Compliance – NACE, etc					1	E & P	In MDR
28	Complete Parts List					1	E & P	In MDR
29	List of Special Tools							
30	Spare Parts List					1	E & P	2
31	Commissioning Spares					1	E & P	2
32	Installation, Operation and Maintenance Manuals					1	E & P	2
33	Performance Test Reports / Hydrotest Reports					1	E & P	In MDR
34	Manufacturer's Data Report (MDR)					1	E & P	Note 4
35	Recommendation for Operating Spares					1	E & P	2
36	NDT Reports (Radiographic, Ultrasonic, etc)					1	E & P	In MDR
37	Heat Treatment Records					1	E & P	In MDR
38	Valve Type Test Fire Rating Certificates	1*	E & P	A	2	1	E & P	In MDR
39	Painting / Coating Test Reports							
40	Valve breakaway torque figures at maximum DP					1	E & P	In MDR

**Note:**

- (1) Submittal of any of the above listed drawings on CAD diskettes will be acceptable ONLY with prior approval.
- (2) These items to be submitted pre-delivery.
- (3) These items may be submitted post delivery two (2) weeks.
- (4) These items to be submitted at time of goods dispatch.

**Legend:**

* = Critical Data	P = Print
A = Approval	T = Transparency
I = Information	E = Electronic Copy
Wks = Working Weeks After Award of Purchase Order	