

SUPPLIER DOCUMENTS REQUIREMENTS (SDR) - INSTRUMENTATION

U211		U211-SDR-0006	
WBD Contract No		Document No	
Rev.:	01	Date:	12-Jul-2024
MG	MR	GS	
Originator	Checker	Approver	

The following documents shall be furnished:

Rev.	Document Code	Document Title	Key Doc (Y/N)	Purpose	Required Y/N (*)	Weeks after award	Remarks
		A - PROJECT MANAGEMENT DOCUMENTS					
		Supplier Document List	Y	for review	Y	4	
		B - DATA SHEETS					
		Supplier Data Sheets	Y	for review	Y	Note 1	Native format
		D - SCHEMATICS					
		Block Diagrams	Y	for review	Y	16	
		Cause & Effect Diagrams	Y	for review	Y	16	
		Logic Diagrams	Y	for review	Y	16	
		System Interconnecting Diagrams	Y	for review	Y	16	
		Connection / Wiring Diagrams					
		• Junction Box Connection Diagrams	Y	for review	Y	16	
		• Connection / Wiring Diagrams	Y	for review	Y	16	
		E - DIMENSIONAL DRAWINGS					
		General Arrangement Drawings	Y	for review	Y	24	
		Panel / Console / Cabinet Layout Drawings					
		• Panel Layout	N	for review	Y	24	
		• Cabinet Layout	N	for review	Y	24	
		F - DESIGN/INSTALLATION DATA					
		Installation Details / Drawings					
		• Instrument Process Piping Details (incl. Steam Tracing)	N	for review	Y	20	
		• Instrument Air Piping Details	N	for review	Y	20	
		• Instrument Hydraulic Piping Details	N	for review	Y	20	If Applicable
		• Heat Tracing	N	for review	Y	20	If Applicable
		• Instrument Electrical Connection Details	N	for review	Y	20	
		• Instrument Mounting Details	N	for review	Y	20	
		I/O Allocation Tables	Y	for review	Y	Note 1	
		System Software Configuration Data					
		• Software Configuration Data	Y	for review	Y	Note 1	
		Cable List	Y	for review	Y	20	
		Range, Alarm, Timer & Trip Setting List	Y	for review	Y	20	Native format
		Control Narratives	Y	for review	Y	20	
		Safeguarding Narratives	Y	for review	Y	20	
		G - DETAIL DRAWINGS					
		Nameplate Schedule	N	for review	Y	Note 1	
		J - CALCULATIONS					
		E & I Calculations					
		• Valve Sizing	Y	for review	Y	24	
		• Actuator Sizing	Y	for review	Y	24	
		• Flow Sizing	Y	for review	Y	24	
		• Relief Valve Sizing	Y	for review	Y	24	
		• Noise Calculations	Y	for review	Y	24	
		Thermowell Vibration Calculations	Y	for review	Y	24	If Applicable
		K - UTILITY DATA					
		Utility Consumption List					
		• Power Consumption Data	N	for information	Y	12	
		• Utilities Consumption List	N	for information	Y	12	
		M - MANUALS					
		Installation Manual	Y	for review	Y	-2	Note 2
		Operation & Maintenance Manual	Y	for review	Y	-2	Note 2

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		N - FABRICATION PROCEDURES					
		Test Procedures					
		• FAT / SAT Procedures	N	for review	Y	Note 1	
		P - MANUFACTURER DATA BOOKS					
		Manufacturer's Data Book (MDB) Index	Y	final/as-built	Y	24	
		Manufacturer's Data Book	Y	final/as-built	Y	-2	Note 2
		Q - CERTIFICATES / TEST RESULTS					
		Certificate of Conformity	Y	final/as-built	Y	Note1	part of MDB
		EC Declaration of Conformity	Y	final/as-built	Y	Note1	part of MDB
		EC Type Examination Certificate					
		- Equipment Hazardous Area Certification	Y	final/as-built	Y	Note1	part of MDB
		List of Certificates	Y	final/as-built	Y	Note1	part of MDB
		Certified Calibration / Test Report	Y	final/as-built	Y	Note1	part of MDB
		Explosion Protection Certificates	Y	for review	Y	20	part of MDB
		Certificate of Conformity issued by Serbian Conformity Assessment Body (Serbian Mark of Conformity - AAA)	Y	final/as-built	Y	Note1	part of MDB
		Recertification of equipment according Serbian requirements (Equipment in Hazardous area; Pressure equipment)	Y	final/as-built	Y	Note1	part of MDB
		ATEX certificate	Y	final/as-built	Y	Note1	part of MDB
Notes: 1) Before shipment. Documents must be approved by Client prior shipment of equipment. 2) For "M" and "P" documents read weeks: before (-) or after (+) "Material Delivery Date"							