



Design company: 	<p align="center"><b>SUPPLIER DOCUMENT REQUIREMENTS (SDR)</b></p> <p align="center"><b>Mechanical – Pumps</b></p>	Location: Pančevo Oil Refinery			
Client: 		Document No: U211-SDR-0007			
		Rev.:	Date:	Chkd	App'd
		00	16.07.2024.	MR	GS

Rev

1	
2	<b>SUPPLIER DOCUMENTATION REQUIREMENTS</b>
3	<b>PUMP VENDOR NEEDS TO PROVIDE FOLLOWING DOCUMENTATION:</b>
4	<b>VENDOR DOCUMENT LIST</b> - with all the documents that will be delivered within MDB with due dates
5	<b>DATA SHEETS</b>
6	- Buyer's Data Sheets
7	- Supplier Data Sheet
8	<b>CURVES</b>
9	- Performance Curves/Data
10	• As per Applicable standard
11	- Speed vs Starting Torque Curve
12	<b>SCHEMATICS</b>
13	- Auxiliary P&IDs
14	• Equipment Instrumentation Monitoring Diagram
15	• Oil System Diagram
16	• Shaft Sealing System Diagram
17	• Cooling system
18	<b>DIMENSIONAL DRAWINGS</b>
19	- General Arrangement Drawing
20	- Base Plate Foundation Drawing
21	- Detail General Arrangement Drawing
22	• Lube/(Control) Oil System Drawing
23	• Shaft Sealing System Drawing
24	<b>DESIGN/INSTALLATION DATA</b>
25	- Customer Connection List
26	- Allowable Nozzle Loadings
27	- Foundation Loading Data
28	<b>DETAIL DRAWINGS</b>
29	- Cross Sectional Drawing
30	• Equipment Cross-sect. Dwg.(+ Part List)                      inclusive with onskid piping general arrangements
31	• Shaft Seal Assembly Drawing: 1) Mechanical Seal Drawing    2) API plans Drawing
32	• Equipment Details - Name Plate Drawing
33	- Detail Manufacturer Drawings
34	- MDB documents with design dimensions and tolerances and achieved dimensions after manufacturing
35	<b>UTILITY DATA</b>
36	- Utility Consumption List
37	- Lubrication Recommendations
38	<b>MANUALS</b>
39	- Installation Manual (IM)    (both in English and Serbian language)
40	- Operation and Maintenance Manual (OMM)    (both in English and Serbian language)
41	- Recommended Spare Parts List(s) - SPIR
42	- Parts Information
43	• Spares
44	• Motor Maintenance Parts List
45	<b>FABRICATION PROCEDURES</b>
46	- Painting / surface protection procedure
47	- Inspection and Test Plan
48	- Test Procedures
49	• Pressure Test Procedure
50	• FAT / Performance Test Procedure    (that also includes Power/Efficiency, Capacity/Head, Vibrations, Noise levels tests, NPSHr test)
51	• Mechanical Running Test Procedure
52	• Painting Test Procedure
53	<b>CERTIFICATES / TEST RESULTS</b>
54	- Declaration of Compliance Type Test certificate
55	- EC or EU Declaration of Conformity EC or EU Type Examination Certificate
56	• Equipment Hazardous Area Certification Certified Calibration / Test Report
57	- Material Test Reports (MTR's)
58	• Individual or acceptance test report
59	• Noise measurement protocol test report
60	- Certificate of Conformity issued by Serbian Conformity Assessment Body (Serbian Mark of Conformity - AAA)
61	- Certificate of Conformity for pressure vessels issued by Serbian Nominated body (Serbian Mark of Conformity - AAA)
62	- Recertification of equipment according Serbian requirements (Equipment in Hazardous area; Machinery equipment, Pressure equip.)
63	- ATEX certificate
64	<b>LIST OF SUB-SUPPLIERS (with country of origin)</b>
65	<b>PRESERVATION PROCEDURE</b>
66	<b>NOTE: Before shipment. All Documents must be approved by Client prior shipment of equipment.</b>