

(sample) RFQ for Submersible Motor Pump

ID	Parameter	Requirement / Specification
[A: SYS-SMP-21]	Power Supply	400 V $\pm$ 10%, 50 Hz, 3-phase
[A: SYS-SMP-22]	Protection Class	Minimum IP68
[A: SYS-SMP-23]	Insulation Class	Class F or higher
[A: SYS-SMP-24]	Cooling Method	Liquid-cooled (surrounding medium or jacket)
[A: SYS-SMP-25]	Max. Liquid Temperature	Minimum 40°C
[A: SYS-SMP-26]	Shaft Material	Stainless steel
[A: SYS-SMP-27]	Bearings	Heavy-duty, grease lubricated
[A: SYS-SMP-28]	Cable Type	Submersible, watertight
[A: SYS-SMP-29]	Dry Run Protection	Required (thermal or sensor-based)
[A: SYS-SMP-30]	Noise Level	$\leq$ 50 dB(A)
[A: SYS-SMP-31]	Coating	Corrosion-resistant epoxy coating
[A: SYS-SMP-32]	Control System Compatibility	Compatible with PLC/SCADA
[A: SYS-SMP-33]	Standards Compliance	DIN / ISO / IEC applicable standards
[A: SYS-SMP-34]	Testing	Factory Acceptance Test (FAT) required
[A: SYS-SMP-35]	Documentation	Manuals, drawings, certificates

6. Background

[I: SYS-SMP-36]

The contracting authority is seeking to modernize its IT infrastructure to improve service delivery. This procurement forms part of a wider sustainability programmed across public services.