**Terms of Reference (TOR)**

**🔷 1. Title:**Procurement of RTU Device for Automation Projects and SCADA Integration

**🔷 2. Objective:**The objective of this procurement is to provide RTU devices for current and future automation projects, including pumping station automation, and to integrate them into the SCADA system for remote monitoring and control. This will facilitate maintenance processes, ensure technological standardization, and increase system reliability.

**🔷 3. Scope of Work and Tasks:
•** Supply of RTU devices with full technical documentation
• Support for integration with the SCADA system
• Assistance with initial configuration, if required

**🔷 4. Technical Specification:**
• Extension modules (optional)
• Process control
• Integrated modem
• Communications: 2G/3G/4G modem - 100BT Ethernet - RJ45 socket
Serial: RS232 TX/RX/RTS/CTS / RS485(i): multipoint serial with or without isolation
• Alarm reporting
• Graphic configuration of lifting station
• Communication protocols: Modbus
• Power supply: 24VDC
• I/O minimum requirements by case types: 8DI, 2AI mA, 2DO
• Operating temperature: minimum -20°C to +60°C

**🔷 5. Delivery Timeframe and Location:
•** Delivery timeframe: no later than 60 calendar days
• Delivery location: N10 Medea (Mzia) Jugeli Street, Tbilisi, Georgia

**🔷 6. Supplier Requirements:
•** Minimum 2 years of experience in supplying devices or system integration

**🔷 7. Additional Conditions:**• Warranty: minimum 24 months
• Provision of spare parts for at least 5 years
• Technical support for installation and initial configuration, if required

**🔷 8. Contact Information for Inquiries:
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