

Annex to the Qualification System
Product Category SS06AA11 Water system maintenance

Section I: Procedure (2.1)

This annex to the notice in question concerns Management and maintenance services of water systems, drinking water treatment plants, on-call and emergency services.

In particular, ordinary and extraordinary maintenance work is envisaged in aqueduct systems including activities instrumental to the maintenance of the efficiency of the catchment, purification, storage and relaunch systems managed by the Client, such as the extraction, maintenance, repair and reassembly of electromechanical equipment, the replacement or integration of plant equipment and components, including electrician's work functional to the previous activities such as disconnections and connections of the power supply to electromechanical equipment, minor repairs and maintenance of electrical conduits, cables and operating and control components.

The routine services required at water systems (wells, tanks, storage tanks and drinking water treatment plants) are as follows:

A - Daily Operations:

- verification of the operation of the electric pumps;
- verification of the operation of the electrical panel - Inverter;
- verification of the operation of the solenoid valves at the inlet / outlet of the system;
- verification of the operation of chlorination plants;
- measurement of residual chlorine;
- regulation of the chlorine dosing pumps to a concentration of 0.25 mg/l of free residual chlorine with a tolerance of $\pm 10\%$;
- ammeter reading, electric pump and cosfi;
- verification of the correct functioning of the pressure sensors on the delivery pipes and reading of the pressure values;
- verification of the correct functioning of the level sensors in the storage tanks and reading of the level values;
- hypochlorite level reading at the appropriate containers and possible top-up;
- verification of the maneuverability of all hydraulic equipment;
- control of access to the plants.

B - Weekly operations:

- Cleaning of the chlorination circuit, elimination of any chlorine leaks, cleaning of the injectors.

C - Monthly transactions:

- reading of all the meters present in the system; both traditional and smart meters, if the latter have communication problems;
- inspection of the containment wells of the operating devices present in the plant and cleaning of the same;
- brushing and lubrication of the operating parts, carrying out manoeuvrability and operation tests;
- inspection and cleaning of the surface discharge and hydraulic guards upstream of the sewer discharge;
- cleaning of the premises and artifacts housing the equipment and/or maneuvering devices, as well as the cleaning of the entire fenced area of the plant (weeding).

D - Annual transactions:

- verification of the condition of the storage tank, possible descaling and cleaning of the walls, washing, disinfection and filling of the same when fully operational;
- sampling of wastewater from drinking water treatment plants and transfer to an accredited laboratory according to the ISO/IEC 17025 standard.

The Contractor is required to guarantee the availability of personnel every day of the year, including holidays and uninterruptedly, 24 hours a day.

The emergency response team must be able to intervene on the systems at any time of the day or night, including holidays, in any weather condition and in the presence of strikes, within a maximum of one hour from the call or signaling of the remote alarm systems.

The Contractor must guarantee the performance within the following terms:

- a) ordinary intervention: within 48 hours of the call for malfunctions or breakdowns that do not affect the provision of services;
- b) urgent intervention: within 24 hours of the call for malfunctions or breakdowns that limit the provision of services and could cause them to be suspended;
- c) non-deferrable intervention: within 2 hours of the call for malfunctions or failures that have caused the interruption of services or may be detrimental to the safety of people and property.

Section II: Purpose (2.1.1)

With this notice, addressed exclusively to Individual Legal Entities, Italgas, for its activities and their subsidiaries and affiliates, aims to compile lists of qualified suppliers, from which candidates may be selected for tenders for works, goods or services conducted by the individual parties indicated above or by Italgas.

The qualification of the Permanent Groupings requires the positive assessment of the individual associated suppliers and must comply with the provisions of the Procurement Code.

Section III: Legal, Economic, Financial and Technical Information

III.1) Conditions of participation

The candidate can view all the conditions of participation on the Italgas portal, suppliers section, by accessing the following link:

<https://www.italgas.it/partner/fornitori/bandi-avvisi/sistemi-qualifica/>

III.1.1) System Qualification:

The candidate must answer positively to the following questions in the Qualification questionnaire on the Italgas Purchasing platform.

The candidate must, therefore, comply with the following requirements:

- Economic and financial requirements:

Have an average turnover of €300,000 in the last 3 years.

- Technical requirements:

Have a staff that includes at least the following specializations: - o 1 Technical Director who has at least three years' experience in the maintenance of water systems; - o 3 specialized workers who have gained at least three years of experience in the maintenance of water systems, at least one of whom is in possession of a "PES (Expert Person)-PAV (Warned Person)" qualification pursuant to the CEI 11-27 standard for carrying out electrical work
Own at least nr. 1 radial drill
Own at least nr. 1 parallel lathe
Own at least nr. 1 sandblaster
Own at least nr. 1 wheel balancer for shafts and pump impellers
Own at least nr. 1 band saw
Own at least nr. 1 continuous wire welding machine
Own at least nr. 1 automatic winding machine for electric motor windings
Own at least nr. 1 certified equipment for vibration analysis

- HSEQ requirements:

- o ISO 9001 Certification (Quality Management System)
- o ISO 14001 Certification (Environmental Management System)
- o ISO 45001 (Health and Safety Management System)
- o In the absence of 14001 or EMAS Certification, you certify that you have procedures for the management, identification, management and control of environmental aspects
- o In the absence of ISO 45001 Certification, it is certified that it has procedures for the management and control of the health and safety aspects of workers.

The candidate must demonstrate that he/she has an internal company quality management system, whether it is self-controlled or imposed by the parent company, corporate and/or parent company. The scope of the certified management systems shall be consistent with the activities provided for in this qualification system.

III.1.2) Verification methods for each condition

In order to access the qualification process of the Goods Group subject to this qualification system, the candidate supplier must meet all the specific requirements (economic-financial, technical, HSEQ) listed above.

Evidence of the possession of the specific requirements (economic-financial, technical, HSEQ) is provided by filling in and confirming the questions of the qualification questionnaire.