

Annex to the Qualification System
Product Category SS01AB22 Design of methane gas distribution networks

Section I: Procedure (2.1)

This annex to the notice in question concerns Engineering services in the field of the design of methane gas distribution networks.

Details of the services required are as follows:

- a) Engineering activities related to the design of gas networks and plants:
Development of preliminary, definitive and executive design of gas networks and plants taking into account the indications set out in the company's technical regulations and the requirements set out in the relevant sector legislation.
The content of the supporting documents and reports must be consistent with the required design level (preliminary, definitive and executive) and in accordance with the Procurement Code.
In addition, it will be required to fulfill the requirements of Legislative Decree 81.08 and subsequent amendments and additions on safety on construction sites for the design phase.
- b) Preparation of specialist reports:
Preparation of specialized reports in the urban, environmental and energy fields aimed at obtaining the necessary authorizations for the implementation of the intervention and for the start of operation of the network.
- c) Activities aimed at the acquisition of permits:
Activities aimed at carrying out practices for the establishment of easements, expropriation, servitude and emergency occupation of the areas subject to the intervention and/or of interest.
- d) Execution of geognostic and geotechnical investigations:
Execution of specialized investigations in the geological and geotechnical fields (laboratory tests, field investigations, slope stability analysis, etc.) in order to provide the necessary parameters for the development of the design and for the execution of the work.
- e) Activities related to topographical works:
Completion of the surveys and topographic surveys necessary to provide the functional data for the design phase as well as for the identification of gas pipes, pipelines and existing plants (celerimetric surveys, definition of cornerstones, survey of boundary stones, reports, sections, elevation profiles, verification of pipelines in the sub-riverbed, georeferencing works, survey of underground services and pipes with georadar instrument, etc.).
- f) Acquisition of cartographic plans, cartography processing and surveys of information on company formats.
- g) Real estate census and verification of property titles:
Carry out checks in the real estate and cadastral field (verification of urban planning permits, building permits, building permits, etc.)

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) Qualification for the system:

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 overall average turnover of at least €1,000,000 in the last 3 years.
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- Technical requirements:

Have, as main contractor, at least 1 contract in a European Union state relating to the design of transportation and/or distribution networks conveying methane gas, fuel oils or any other flammable fluid and/or gas reduction systems, worth not less than € 500,000 in the last 5 years
Provide list with: customer, year, type of activity, amount (€)
Have technical and IT skills aimed at developing the documents required for each design level (CAD-based tools, applications for the management of cartographic data, etc.) and have an IT structure suitable for interfacing with Italgas systems (e.g.: WEB and VPN connections to company servers, etc.)
Have suitable resources available to carry out the field survey, with GPS tools, of the points necessary for the georeferencing of maps (cadastral, ctr, etc.) in the required reference system
Have suitable resources available to carry out the field survey, with GPS tools, of the points necessary for the georeferencing of the pipeline route and of the objects of mechanical and electrical consistency in the required reference system
Have a total staff of not less than 20 (twenty) units directly employed
o Have, for the Design activity, at least nr. 1 Project Manager
o Have at least nr. 2 figures suitable for carrying out the activity of Project Manager in the design phase
o Have at least nr. 2 figures suitable to carry out the activity of Coordinator in the field of health and safety during the design
o Have at least nr. 2 gas network designers, with at least 5 years of experience in the design of pressurized onshore pipelines, conveying methane gas, fuel oils or any other flammable fluid and/or conveying water pipelines
o Have at least nr. 2 Mechanical engineers/designers, with at least 5 years of experience in the design of pressurized onshore systems and pipelines, conveying methane gas, fuel oils or any other flammable fluid and/or conveying water pipelines
o Have at least nr. 2 Civil or construction engineers / Civil works and structural designers, with at least 5 years of experience

o Have at least nr. 1 Electronic Engineer/Electrical System Designer, with at least 5 years of experience in the field of design of systems located in areas subject to ATEX classification, according to the CEI EN 60079-10-1 (CEI 31-87) standard
o Have at least nr. 1 Remote control system designer (TLC)
o Have at least nr. 1 Electrical protection designer (PE) in possession of a qualification equal to level 3 according to the UNI EN 15257 certification schemes, with at least 5 years of experience
o Have at least nr. 1 Geotechnical engineer or geologist; with at least 5 years of experience
o Have at least nr. 1 Specialist in the design of the laying of pipelines with no-dig technologies, with experience gained in his own organization or following collaboration contracts formalized with third parties
At least nr. 1 Specialist in environmental studies in their organization or following formalized collaboration contracts with third parties (Environmental Impact Studies, Environmental Impact Assessments, Strategic Environmental Assessments, Screening, Noise Impact Studies, Landscape Studies, etc.)
o Have at least nr. 1 Specialist in the hydrogeological and hydraulic sector with at least 5 years of experience in these sectors
Have the latest generation i-Pads (at least from the ninth onwards) in such a number as to assign one per team

- HSEQ requirements:

- o ISO 9001 Certification (Quality Management System)
- o ISO 14001 Certification (Environmental Management System)
- o ISO 45001 Certification (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 covered by 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.