



# **Market consultation on the purchase, maintenance and inspection of high-pressure hoses**

On behalf of N.V. Nederlandse Gasunie

Contact person:  
Version 1.0

N.V. Nederlandse Gasunie  
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## **APPENDICES**

**Appendix 1 - Form for answering questions for participation in market consultation**

**Appendix 2 - Template for asking questions**

## **1. GENERAL INFORMATION**

This chapter provides general information about the market consultation. It includes an introduction to the market consultation and N.V. Nederlandse Gasunie as an organisation, the purpose of the market consultation, the current situation and the scope of the potential tender.

### **1.1 Introduction**

This document contains information about the market consultation for the purchase, maintenance and inspection of high-pressure hoses and appendages for N.V. Nederlandse Gasunie.

This market consultation is not a tender for the procurement of products and/or services. Therefore, this market consultation does not entail any obligation on the part of Gasunie towards the participants (and vice versa). Information obtained from the market consultation will be used by Gasunie to design a possible tender for the supply of high-pressure hoses and fittings.

### **1.2 N.V. Nederlandse Gasunie**

Gasunie is an energy infrastructure company. In the Netherlands and northern Germany, we manage the infrastructure for large-scale transport, storage and conversion of gas. At present, this mainly involves natural gas. With the energy transition, this is increasingly shifting towards green gas and hydrogen. We are also working on the construction and management of networks for heat and CO<sub>2</sub>.

More information about Gasunie can be found at [www.gasunie.nl](http://www.gasunie.nl).

### **1.3 Purpose of this market consultation**

The purpose of this market consultation is to gather information from market parties about the purchase, maintenance and inspection of high-pressure hoses so that Gasunie can issue a tender for this. Although Gasunie currently works with a solution that meets the specified technical and quality requirements, we want to use this consultation to investigate whether and which alternative products, suppliers and innovations are available on the market.

The aim is to gain insight into:

- Possible products that meet our requirements and are suitable for different energy carriers (CO<sub>2</sub> and hydrogen).
- Innovations that contribute to safety, sustainability and cost optimisation.
- Supply capacity and flexibility of market parties.

In addition, Gasunie wants to reach out to potential market parties to interest them and encourage them to contribute ideas and participate in the future tender.

Gasunie would like to receive answers to the questions in Appendix 1.

Chapter 2 of this document explains how market parties can submit their responses to Gasunie.

### **1.4 Current Situation**

Gasunie uses a centralised procurement process that fully complies with the Public Procurement Act and internal compliance requirements. Mordhorst Products GmbH (Bottrop, Germany) is currently contracted to supply high-pressure hoses. These hoses and couplings are suitable for transporting methane, CO<sub>2</sub> (gaseous) and hydrogen and comply with all applicable Gasunie specifications. The maximum service life of these hoses is 15 years.

Gasunie anticipates significant growth in demand for high-pressure hoses, both due to the replacement of existing installations and the use of new equipment, including mini-compressors and mobile flares for the OAL department. This increase in demand and expansion of services stems from stricter targets and requirements in the area of emission-free working.

### 1.5 **Scope of the assignment**

For this market consultation, we are identifying the possibilities and points for attention relating to the supply, maintenance and inspection of high-pressure hoses and associated materials. The intended framework agreement will have a term of 8 years.

#### **Indicative scope:**

- **Purchase of new high-pressure hoses:**  
It is expected that approximately 185 new high-pressure hoses in various diameters will be purchased for new projects.
- **Replacement of existing hoses:**  
Replacement of older hoses is also part of the scope. Currently, there are approximately 35 hoses in use (purchased in 2017).
- **Delivery of other materials:**  
This includes fittings and other accessories:
  - Flange Adapters
    - For various diameters and pressure classes (e.g. DN 32, DN 50, DN 65, DN 100, DN 125, DN 150; 300# and 600#)
    - With both nipple and sleeve/socket
  - Y-pieces
    - For various applications, such as pigging, recompression and flaring
    - Different types (Type A, Type B, DN 125, etc.)
  - Special couplings
    - Quick-release coupling
    - When under pressure
  - Other appendages
    - Such as nipples, sockets, bends and T-pieces
- **Pressure tests:**  
Periodic pressure tests, for example after 3 years of use.
- **Maintenance and inspections:**  
Structural maintenance and inspections during the term of the agreement.
- **Damage and repairs:**  
Handling claims and carrying out repairs.

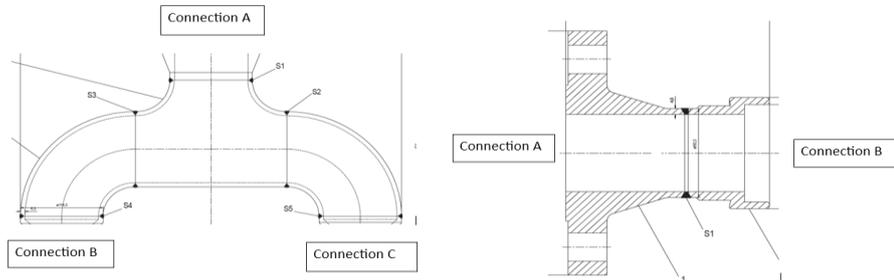
### 1.6 **Technical and quality requirements**

The **high-pressure hoses** must meet the following technical and quality criteria:

- **Technical specifications**
  - Diameters DN25 to DN100
  - Length 1 metre to max. 10 metres
- The high-pressure hose must be fitted with a coupling that enables a safe, leak-free and quick connection between the hose and the system. The coupling must be able to withstand the maximum operating pressure of the system and be easy to disconnect without pressure loss or risk of injury.
- **Pressure and temperature specifications**
  - Maximum operating pressure (MOP): up to 100 bar
  - Test pressure (TP): up to 150 bar
  - Temperature range: resistant to temperatures from -20 °C to +50 °C
- **Standards and certification**
  - Compliance with EN-13480
  - Material certificate 3.1 in accordance with EN 10204
  - PED Directive 2014/68/EU
- **Quality control**  
A pre-inspection meeting takes place prior to final delivery. The Safety department assesses and approves the test and inspection plan before the hoses are delivered. Each batch may be subjected to OES and/or PMI / pressure or other measurements, among other things.

The **appendages** must meet the following technical and quality criteria:

- **Technical specifications**



- **Quality control**

A pre-inspection meeting takes place prior to final delivery. The Safety department assesses and approves the test and inspection plan before the hoses are delivered. Each batch may be subjected to OES and/or PMI / pressure or other measurements, among other things.

- **Pressure and temperature specifications**

- Maximum operating pressure (MOP): up to 100 bar
- Test pressure (TP): up to 150 bar
- Temperature range: resistant to temperatures from -20 °C to +50 °C

- **Standards and certification**

- Compliance with EN12329
- Material certificate 3.1 in accordance with EN 10204
- ASME B16.5 (Standard for pipe flanges and flanged fittings (especially for flange adapters))

## 2. PROCEDURE

This chapter describes the market consultation procedure. It covers the structure and design of the market consultation, the method of exchanging information, how market parties should deal with ambiguities and questions about the market consultation, the planning, the completion of the market consultation and the conditions.

### 2.1 **Explanation of procedure**

This market consultation will be made public. This means that any relevant market party can respond to this market consultation. This format has been chosen because Gasunie does not have sufficient knowledge (of the distinctive characteristics) of the market to determine objective criteria for selecting market parties to invite to this market consultation. Gasunie hopes that this market consultation will give it a better feel for the market, enabling it to set the right objective criteria for the European tender and make a considered selection of market players.

### 2.2 **Layout and design**

This market consultation consists of a written request for information. Gasunie will send out the questions via TenderNed. Market parties can respond to these in writing.

The questions included in Appendix 1 form the core of this market consultation. We request that market parties respond to the questions after reviewing the documents provided. Gasunie would like to receive responses to the market consultation using the format included in Appendix 1 (Appendix 1 – Form for responding to questions for participation in market consultation).

### 2.3 **Exchange of information**

This market consultation is being published via TenderNed. The market consultation document is available free of charge in digital form via TenderNed ([www.tenderned.nl](http://www.tenderned.nl)). If you have any questions about the market consultation, please contact Linda Bron via the TenderNed messaging module. See also the following paragraph.

### 2.4 **Planning**

Subject	Date	Action by
Publication on TenderNed	8-01-2026	Gasunie
Deadline for submitting questions	Uiterlijk 22-01-2026	Market participants
Publication of answers to questions asked	Uiterlijk 29-01-2026	Gasunie
Submission of a response to the market consultation via the TenderNed message module.	09-02-2026	Market participants

### 2.5 **Concluding the market consultation**

Once the responses have been received and any in-depth discussions have taken place, the market consultation will be concluded on TenderNed. Gasunie will use the responses received to prepare the tender. Confidential information will not be shared in the tender.

### 2.6 **In-depth discussions**

Based on the answers provided by the supplier, Gasunie may invite a supplier to an in-depth discussion. An in-depth discussion can be used to further elaborate on input for the proposed tender. If Gasunie requires an in-depth discussion, the supplier will receive an invitation via the TenderNed messaging module.

### 2.7 **Terms and conditions**

By participating in the market consultation, the market party agrees to the following conditions:

1. Communication will be in Dutch;
2. All communication will be exclusively with the contact person mentioned in paragraph 2.3;
3. The information provided will only be used for the preparation of the tender documents;
4. This consultation is non-binding and no rights can be derived from it;
5. If necessary, Gasunie may contact market party(ies) to gather further information;
6. Gasunie reserves the right to change the schedule if necessary.

## 3. **MARKET CONSULTATION QUESTIONS**

The questions for the market consultation are set out in Appendix 1. Gasunie asks market parties to answer the questions in Appendix 1 briefly and concisely in accordance with the format of the appendix. If answers are confidential, the market party must indicate this when responding.