



PART 1: TECHNICAL SPECIFICATION

PROCUREMENT REF.: 2024 - TKV 02 FUEL OIL

PART 2: TECHNIAL SPECIFICATION

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1. Introduction

The TAFJORD Group is an energy and communications group with headquarters in Ålesund. The TAFJORD Group consists of Tafjord Kraft AS, the parent company and the subsidiaries Tafjord Kraftproduksjon AS, Tafjord Kraftvarme AS and Tafjord Connect AS.

The Client for this procurement is Tafjord Kraftvarme AS (TKV), registration no 977 461 804.

The TAFJORD Group works systematically to improve all parts of the organisation. At the same time, we want to reduce our burden on the environment, therefore all acquisitions must, among other things, contribute to efficient operating processes, better quality and increased profitability.

2. Requirement to our suppliers

- Motivation and the ability to contribute.
- Capacity and understanding of task.
- Prioritize the client as customer.
- Cooperation and interaction with the clients and their partners.
- Continuous production during the working period
- Focus on the environment and sustainability.
- On-time completion and delivery.
- Deliver high quality work and services.
- Reliable and serious supplier

3. Assignment

1.1 General requirements for execution

Execution must be in accordance with the requirements and provisions of the applicable laws and regulations. This also applies to requirements for technical execution, quality of sub-products, marking, documentation, drawings etc.

The work must be carried out in accordance with the Clients directives and according to the sketches / drawings, descriptions and specifications that may be drawn up, as well as public requirements and orders.

1.2 Capacity and execution

The Supplier must document capacity to undertake the assignment. If it does not have the capacity to undertake the assignment alone, the Supplier can ensure capacity by working with other partners at no extra cost to the Client.

The Supplier must confirm that it has access to the required components, production capacity, access to raw materials, transportation etc to make it possible to produce and supply TKV with the required annual quantity and with the agreed quality.

The requirements given related to production, quality and execution will apply to any sub-contractors used.

1.3 Work scope

The objective for the procurement is to enter into a frame agreement with one supplier for supplying fuel oil to TKV facility located at Breivika Industriveg 1, N-6018 Ålesund. The annual need for fuel oil is approximately 270.000litres. There is however some uncertainty related to the actual annual need and the quantity given must be considered as estimate without any obligation for the Client.

Area of use:

- Ignite the incinerators after it has been closed down for maintenance and/or inspections.
- Oil burner for heating ovens 1 and 2, and run downs. When the temperature in the oven is below 800 degrees, the oil burner starts automatically.
- Oil boiler producing 10MW heat
- Emergency unites
- Diesel engines in trucks, wheel loader and other equipment running on diesel engines

At the TKV facility the fuel oil tank is placed in a separate building with a safety distance in case any leakage should occur. Capacity of the tank is 82 493litres. The Supplier must provide system and equipment for continuously measuring the remaining fuel oil in the tank. Access to the measuring system must be provided to TKV. Supplier is responsible for maintenance on measuring equipment and the tank itself.

Minimum level of fuel oil in the tank is 30 m³. When the level of fuel oil remaining is close to the MOQ, the Supplier must refill the tank within 12 hours.

Temperature range:

- Temperature for ignition 225°C
- Usable at -20 °C

Non-fossil fuel oil is listed with CAS number: 68334-30-5.

2 Requirements for the services

2.1 Instructions, training and information

The Supplier must deliver safety instructions and upon request carry out training for the Clints representatives related to the delivered chemicals.

If there are made any changes to handling/safety instructions and/or legislation related to the chemicals in this procurement, the Supplier is obligated to forward the information to TKV without undue delay.

2.2 Safety data sheet

The Supplier must provide TKV with safety data sheet covering the requirements in the Norwegian legislation, EU legislation and REACH.

2.3 Deliveries

TKV prefer deliveries to be made during normal opening hours: weekdays 8 -15:30. TKV must be contacted prior to all deliveries.

2.4 Emergency deliveries

TKV strives to plan ahead and therefore there will be an ongoing communication with the supplier to prevent the tank to drop to 30m³ or lower. However, the Supplier need to have personnel available for emergency deliveries during weekends and holidays.

2.5 Emergency contact

Supplier must provide an emergency contact (phone).

2.6 Sustainability

TKV are looking into the possibility to use non-fossil fuel oil and Suppliers may offer this solution as an alternative to fossil fuel oil. However, we are located in a part Norway where there is limited access to non-fossil fuel oil, therefore the use of non-fossil is not considered a real alternative if the environmental advantages are lost due to transportation, storage etc.

The following requirements are made:

Non-fossil fuel oil	<ul style="list-style-type: none">• Suitable for emergency units (aggregate)• Suitable for diesel engines currently in use• No palm oil• Sustainable production/certification (EN 14214:2012 certified)
Fossil fuel oil	<ul style="list-style-type: none">• Suitable for emergency units (aggregate)• Suitable for diesel engines currently in use• Transportation length/km

Please note that for tenders with non-fossil fuel oil, information regarding necessary changes to existing equipment at the facility must follow the tender.

For both options, the following information is required and will be considered when evaluating the tenders:

- CO₂ pr litre
- Calorific value in kcal/kg
- Length of storage
- Transportation/km
- Means of transportation

2.7 Transportation

It is the responsibility of the Supplier to ensure that the transportation is in accordance with all applicable legislation from pick up point until the goods are delivered at the Clients location.

2.8 Independent control

In case independent verification/third party control is required, the Clients own framework agreement will be used and the cost for the control will be covered by the Client.

2.9 Internal control

The Supplier is responsible for all work and measures that are necessary to satisfy the requirements of the current regulations regarding, among other things, Internal control, The supplier is also responsible for fulfilling other requirements in laws and regulations regarding the working environment and safety measures. All costs prohibited by this must be included in the offer.

2.9.1 Specific requirements

- Declaration of conformity for planning and execution and final inspection must always be delivered with the invoice.
- Marking in the facility must be unambiguous and provide permanent information for correct operation and use of the facility.