

Annex 2.1  
to Regulation for Procurement  
Inner Fibre Dryer  
ID No ASNS2026/1

# **Inner Fibre Dryer**

**Rev. 01**

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## 1. PROJECT DESCRIPTION

ASNS Ingredient, based in Jelgava, Latvia, is planning to build a new plant for processing yellow peas into pea starch, protein, and fiber. The overall plant consists of several subsections.

The following is about the subsection:

“Inner fibre dryer”.

The aim of the tender is a binding offer.

In the following delivery and service specifications, the plant is described regarding the required function. Alternative proposals by the supplier to achieve the desired or better functionality/product quality can be offered, but in any case, the described design must be offered as a basis.

The bidder or, in the case of an order, the contractor is responsible for supplying a completely functional unit/system. The following description of the scope only gives an indication of the required framework conditions. The contractor is responsible for providing a functional guarantee in consideration of the given framework conditions.

In the event of an order, all plant components are to be delivered, installed, and commissioned in complete working order and in all parts in accordance with the state of the art.

This request includes project planning, detailed planning, design, manufacture, delivery, documentation of operation and maintenance, factory testing, transport, and packaging, unloading, intermediate storage, assembly (Supervision), operating personell training, trial operation and commissioning. Needed electrical and process control equipment should be described and specified but offered as optional.

Installation includes all supplied equipment and installation of all supplied pipes, fittings, valves, etc. in accordance with the specified delivery limits, and is carried out by the Customer.

## **2. SPECIFICATIONS AND PLANT REQUIREMENTS**

The following chapter describes the performance and scope of supply of the new dryer as a basis for the preparation of a detailed quotation by the supplier. The description of the individual plant components is divided into several chapters.

All components necessary for the installation and operation of a trouble-free functioning system, such as connecting pipelines, sensors, switches, shut-off and control valves must be included in the scope of delivery, even if they are not explicitly described in detail.

In the following, the envisaged installations and operational procedures are described for better understanding and serve as a basis for the preparation of a detailed offer.

Deviations must be described and discussed in detail and always approved by the client.

### **2.1 Project Organization**

The Contractor shall be obliged to set up an appropriate project organization for the duration of the project. This shall include at least the following persons, for each of whom an appropriately qualified deputy (for the cases of vacation, illness, etc.) shall also be named:

Project Manager of the Contractor

- The Contractor shall appoint a project manager with overall responsibility who shall take the lead for the overall execution of the project.
- The Contractor shall ensure that the Project Manager has all powers of attorney and decision-making authority required for the purposeful implementation of the project.

Assembly Manager

- The Contractor shall provide an experienced and competent responsible assembly supervisor who shall be present on the construction site during the entire assembly period.

### **2.2 Meetings**

The number, as well as the date and location of meetings is based on the requirements (if necessary, telephone and Internet conferences can be held instead of on-site meetings) in the respective project phases. There shall be a cyclical meeting of the core project team (Jour Fixe). Depending on the requirements, the Contractor shall participate in these

meetings (see above). However, additional meetings may also be scheduled outside this cycle. In addition, construction and assembly meetings shall be scheduled on site.

### **2.3 Language**

The negotiating and contract language is English.

The Contractor shall ensure that a person is, at all times, present during work on the construction site who is able to communicate in English.

## **3. COMPONENT DESCRIPTION**

### **3.1 Special Planning Conditions**

The requested dryer is to be integrated into a newly planned building. The existing preliminary designs of the building will serve as the basis for planning. The installation will take place in Latvia in the city of Jelgava and will be carried out by the customer after the delivery.

Any changes or technical adjustments to be made to the building must be noted in writing by the contractor in the offer.

## **4. SCOPE OF DELIVERY AND SERVICES**

The bid shall include all necessary supplies and services required to manufacture, deliver and use the equipment and systems as defined. The inner fibre dryer must comply with the following specifications:

Dimensions:	max 16 m length, max 9m width, max 10 m height.
Food grade input feeding capacity:	2000 kg/h of wet material
Particle size for inner fibre for drying:	<300 µm,
Dust outlet from filter:	< 21 mg/m <sup>3</sup>
Moisture of the input fibre:	55-65%
Output:	Suitable for use in the food sector
Moisture of output material :	10% or less.
Compressed air Pressure:	min. 6bar g.
<u>Power:</u>	PE - 50 Hz, 400 V.

## 5. PLANT EXECUTION

All services shall be performed in accordance with the recognized rules of technology in and the latest state of technical development at the time the order is placed in Jelgava/Latvia.

- Unit of measurement: metric
- Designed according to EU requirements of food processing and work safety
- Explosion-proof design according to EU
- Machine with CE marking
- **All policies in force and effect in EU shall apply as in effect at the time of bid submission.**

## 6. REQUIREMENTS FOR THE OFFER

The offer shall be clearly and unambiguously structured. Individual prices shall be indicated for all groups of offers. Only the indication of a total price is not accepted.

The language of offer and negotiation is English.

All supplies and services offered shall be equally clearly and unambiguously defined with an indication of the interfaces accepted in each case and their execution. The bid shall be accompanied by a detailed commissioning schedule including the durations of the power and performance tests.

If deliveries and services are not clearly defined in the offer, the supplier undertakes in the case of an order, at the request of the customer, to consider the higher specification in the execution.

The requirements set forth in this RFP represent the Customer's basic requirements for the scope of supply and services and the functions expected by the Customer. It is incumbent upon the supplier to detail its offer in accordance with this invitation to tender with the aim of clearly and unambiguously describing the scope, execution and quality offered to the customer.

In principle, a warranty for safety, material, and function is assumed. The Production takes place 24 hours a day, 7 days a week, 315 days a year.

## 7. QUALITY ASSURANCE

The bidder shall present their quality assurance plan with the submission of the bid.

This plan should contain points for example such as:

- Inspection and test plan
- Quality Control Manual
- Professional Qualifications / Certificates
- Review of Material certificates and test protocols of raw materials, filler metals
- Non-Destructive Examination
- NDT testing, type and extent of tests, acceptance criteria
- etc ...

## **8. OPTIONS**

When preparing the offer, it is essential to consider the information and requirements contained in this document. If the provider must deviate from this for compelling reasons, they should explain the reasons.

The bidder is expressly requested to deal with the task from a technical, technological, and economic point of view. Should technically reasonable alternative solutions arise, these must be described and offered as an option in the bid, or the Client must be informed of them before the bid is submitted.

## **9. CONFIDENTIALITY**

All information and data that become known during processing are subject to confidentiality.