

Appendix 1

Specifications for a pilot belt dryer

The requirements for the pilot belt dryer are listed below.

The Buyer has a right to reject the tender if there are any deviations from these quality standards, but may accept deviations if the overall tender is deemed responsive. Performance beyond the required quality standards will be awarded a higher score.

The performance of the equipment system under “Technical solution” will form a significant part of the evaluation of the tenders under the Quality award criterion.

The tender shall include answers/comments to all of the requirements, and a further description of each requirement highlighting the functionality of the system and its user friendliness. The description shall also include any additional functionality or other options that adds value for the Buyer.

The technical solution shall be designed according to the following specifications:

- Consist of one horizontal conveyor belt with 2 drying zones and with electric air heating.
- Have a maximum heated air temperature of 120 °C (air inlet temperature at 0 - 20 °C).
- Have an inlet configuration for even distribution of the wet feed (extrudate) produced on a pilot extruder.
- Meet the following performance criteria:

Wet extrudate capacity at dryer inlet	250 – 300 kg/h
Wet extrudate moisture content at dryer inlet	30%
Wet extrudate temperature at dryer inlet	60-80 °C
Pellet moisture content at dryer outlet	6%

- Meet design requirements for fish feed and petfood applications.
- Optional design for food applications.
- Have a computer-based machine-operator interface with possibilities for logging of process data and establishment of drying protocols
- Be easy to operate.
- Be simple to maintain.
- Be easy to clean.