

Nowa Sól, 15.07.2019r

ENCLOSURE NO. 2 TO THE QUOTATION NO 1/2019

TECHNICAL SPECIFICATION
(SHORT VERSION, BEFORE THE CONFIRMATION OF DEKLARATION OF CONFIDENTIALITY)
(COMMUNIQUE NO. 1)

The issue of the request contains purchase, delivery and assembly of the spray-dryer to production of whole egg powder and yolk powder with the water evaporation capacity of 1500 kg/h. In particular in terms of purchase, delivery and assembly, supervision over installation and assembly of following components:

- Drying chamber – 1 pc,
- Filters outside the drying chamber – 1 pc,
- Component for cooling the powder – 1 pc,
- Atomizing set - disc spray-drying/atomizer – 2 pcs,
- Automatic operating system – 1 pc,
- Operating panels – 2 pcs,
- Feeding pump – 1 pc,
- Slit filter cleaning yolk before the spray dryer and after the pump – 1 pc,
- The component of dehumidification and standardisation of processing air to water content of 3g/l – 1 pc,
- CIP cleaning of drying chamber, bag - filter and ducts (without CIP station and cleaning tanks) – 1 pc,
- CIP pump – 1 pc,
- 2 sets of filters with additional 10 pcs,
- Sifters – 2 pcs or optionally 1 pc as specified in full specification,
- Buffer for powder – 5m³ – 1 pc,
- Gravimetric feeder for anticaking agent – 1 pc,
- Construction supporting all equipment's with platforms and stairs.

Technical requirements:

- Air intake system with air filtration,
- Heating of air with gas burner suitable for natural gas GZ41,5 with indirect heating,
- The cyclone situated between spray-dryer chamber and the outside bag filter,
- The rotary locks/ valves installed on the lines transporting powder,
- Pneumatic or vacuum conveyor of powder,
- Recuperation,
- Written instruction and guides in Polish, Technical documentation in Polish,
- Equipment and access to protocol Profinet to communicate with production line of yolk and whole eggs,
- Transmission of information through Profinet to communicate spray-dryer with the existing SCADA (or equivalent solution) line,
- Sharing of outputs in controller PLC, communicating alarms, critical non-conformity (min. 4 pcs.),
- Remote desktop for controlling the dryer,
- The open source codes for the controllers and program,
- Moisture analyser in-line,

Sformatowano: Czcionka: Pogrubienie

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Sformatowano: Czcionka: Pogrubienie, Kolor czcionki: Automatyczny, Angielski (Zjednoczone Królestwo)

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Sformatowano: Polski

NOTE!

All purchases, services and delivery, which are the subject of this quotation have to be included and cooperate with the existing infrastructure and the equipment in the company and has to follow the same technical standards. The orderer expects a technical solution, which fulfils the requirement. It is required from the contractors of submission of the quote including the requirements of the technical specification, which will be shared after fulfilling the prerequisites. The contractor is obligated to acknowledge this specification and make sure that elements are technically possible.

All machinery/ installations must fulfil the law requirements indicated in machinery directive 2006/42/WE, which will be confirmed with a proper document delivered by the contractor.

The condition of positive commissioning will be a positive test for capacity and functionality, described within this specification.

Nowa Sól, 15.07.2019

Place, date

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GŁÓWNY KSIĘGOWY

Wioletta Raj

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Company's stamp, stamp and signature of
entitled person