

25.10.2024

**Anfrage für ein Projekt in Ukraine. / Übersetzung aus dem Ukrainischen (automatisch, ohne Redaktion).**

Detailierungsgrad: Budget Angebot für Investitionsplanung.

Angebotsprache: Englisch oder Deutsch.

**Kontakt für Rückfragen:**

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**For the supply of transport equipment for the construction of an oil extraction plant for processing sunflower cake with a capacity of 550 tonnes per day.**

**Location:** Ukraine, Kyiv region, Myronivka

**Type of product:** Sunflower cake, bulk density - 0.5 t/m<sup>3</sup>

Specifications of transport equipment (drawings attached).

	Description
	<p><b>T1 Chain conveyor:</b></p> <ul style="list-style-type: none"><li>- Capacity Q=46 t/h, one inlet, one outlet;</li><li>- Material of the housing - AISI304 or equivalent. Length 8.870 m, box width 400 mm, total height of the box of the transit section 400 mm, box wall thickness - 4 mm, cover - 2 mm.</li><li>- Chain material - 40X or equivalent, chain wall thickness - b mm, chain speed up to 0.55m/s.</li></ul> <p>Support of the upper chain branch - support rollers on remote bearing units along the entire length of the chain.</p> <ul style="list-style-type: none"><li>- Lining of the bottom and walls, heat resistance &lt;The temperature of the box lining and chain slats is 80-100°C.</li></ul> <p>The actuator is equipped with a coaxial spur gear motor manufactured by Getriebebau NORD GmbH &amp; Co. KG. Protection of the gear motor: IPSS mine. Drive connection: SKF half coupling (Sweden).</p> <p>Bearing units: SNR (France).</p> <ul style="list-style-type: none"><li>- Sensors: thrust, speed, open circuit</li></ul>
	<p><b>T2 Gooseneck chain conveyor:</b></p> <ul style="list-style-type: none"><li>- Capacity Q=46 t/h, one inlet, one outlet;</li><li>- Material of the body - AISI304 or analogue. Length 4,185+19,311, box width 400 mm, total height of the box of the transit section 400 mm, box wall thickness 4 mm, cover 2 mm.</li><li>- The angle of inclination is 45°.</li></ul>

	<p>Support for the upper chain branch - supportive rollers on remote bearing units throughout the length of chain movement.</p> <ul style="list-style-type: none"> <li>- Lining of the bottom and walls, heat resistance of the box lining and chain scrapers 80-100°C.</li> <li>- The drive is complete with a coaxial cylindrical gear motor manufactured by Getgiebebau NORD GmbH &amp; Co. KG. Motor gearbox protection: IP55.</li> </ul> <p>Drive connection: SKF half coupling (Sweden). Bearing units: SNR (France).</p> <ul style="list-style-type: none"> <li>- Sensors: thrust, speed, open circuit.</li> </ul>
	<p><b>T3 The conveyor is a chain push conveyor:</b></p> <ul style="list-style-type: none"> <li>- Capacity Q=46 t/h, one inlet, one outlet;</li> <li>- Material of the housing - AISI304 or equivalent. Length 20.645 m, box width 400 mm, total height of the box of the transit section 400 mm, box wall thickness - 4 mm, cover - 2 mm.</li> <li>- Chain material - 40X or equivalent, wall thickness chain - b mm, chain speed up to 0.55m/s.</li> </ul> <p>Support of the upper chain branch - support rollers on remote bearing units along the entire length of the chain.</p> <ul style="list-style-type: none"> <li>- Lining of the bottom and walls, heat resistance of the box lining and chain scrapers 80-100°C.</li> <li>- The drive is complete with a coaxial cylindrical gear motor manufactured by Getgiebebau NORD GmbH &amp; Co. KG. Motor gearbox protection: IP55.</li> </ul> <p>Drive connection: SKF half coupling (Sweden). Bearing units: SNR (France).</p> <p>Sensors: thrust, speed, open circuit.</p>
	<p><b>T4 Gooseneck chain conveyor:</b></p> <ul style="list-style-type: none"> <li>- Capacity Q=46 tonnes/year, one inlet, one outlet;</li> <li>- Material of the housing - AISI304 or analogue</li> </ul> <p>Length = 3.0+25.221, width of the box 400 mm, total height of the box of the transit section 400 mm, box wall thickness - 4 mm, cover - 2 mm.</p> <ul style="list-style-type: none"> <li>- The angle of inclination is 30°.</li> <li>- Chain material - 40X or equivalent, chain wall thickness - b mm, chain speed up to 0.55m/s.</li> </ul> <p>Support of the upper chain branch - support rollers, material AISI304 or equivalent, on remote bearing units along the entire length of the chain.</p> <ul style="list-style-type: none"> <li>- Lining of the bottom and walls, heat resistance of the box lining and chain scrapers 80-100°C.</li> <li>- The drive is <b>explosion-proof</b> and is equipped with a coaxial cylindrical gear motor manufactured by Getriebebau NORD GmbH &amp; Co. KG. Protection of the gear motor: IP55. Drive connection: SKF half coupling (Sweden). Bearing units: SNR (France).</li> </ul> <ul style="list-style-type: none"> <li>- Sensors: thrust, speed, open circuit.</li> </ul>
	<p><b>T5 Chain conveyor:</b></p> <ul style="list-style-type: none"> <li>- Capacity Q=46 t/h, one inlet, one outlet;</li> <li>- Material of the body - AISI304 or analogue. Length 10.675m, width of the box 400mm,</li> </ul>

	<p>total height of the box of the transit section 400 mm, thickness of the box wall - 4 mm, cover - 2 mm.</p> <p>- Chain material - 40X or equivalent, chain wall thickness - b mm, chain speed up to 0.55m/s.</p> <p>Support of the upper chain branch - support rollers, material AISI304 or equivalent, on remote bearing units along the entire length of the chain.</p> <p>- Lining of the bottom and walls, heat resistance of the box lining and chain scrapers 80-100°C.</p> <p>- The drive <b>is explosion-proof</b> and <b>is</b> equipped with a coaxial cylindrical gear motor manufactured by Getriebebau NORD GmbH &amp; Co. KG. Protection of the gear motor: IP55. Drive connection: half coupling SKF (Sweden). Bearing units: SNR (France).</p> <p>- Sensors: thrust, speed, open circuit.</p> <p><b>T6 Chain conveyor:</b></p> <p>- Capacity <math>Q=Z1</math> t/h, one inlet, one outlet;</p> <p>- Material of the body - carbon galvanised steel. Length 17.650 m, wall thickness of the box - 4 mm, cover - 2 mm.</p> <p>Chain material AISI304 or equivalent, chain wall thickness - b mm, Support for the upper chain thread - support rollers on remote bearing units along the entire length of the chain.</p> <p>Lining of the bottom and walls, heat resistance of the box lining and chain scrapers is 50-65°C. The drive is complete with a coaxial cylindrical gear motor manufactured by Getriebebau NORD GmbH &amp; Co. KG. Protection of the motor-gearbox: IP55.</p> <p>Drive connection: SKF half coupling (Sweden). Bearing units: SNR (France). Sensors: thrust, speed, open circuit.</p>
	<p><b>T7 Chain conveyor:</b></p> <p>Capacity <math>Q=C</math> t/year, one inlet, one outlet;</p> <p>Material of the body - carbon galvanised steel. Length 12,200m, box wall thickness - 4 mm, cover - 2 mm.</p> <p>Chain material - 40X or equivalent, chain wall thickness - b mm, Support for the upper branch of the chain - support rollers on remote bearing units along the entire length of the chain.</p> <p>Lining of the bottom and walls, heat resistance of the lining of the box and chain scrapers 50-65°C. The drive is complete with a coaxial cylindrical motor gearbox manufactured by Götterdämmerung NORD GmbH &amp; Co. KG. Protection of the motor gearbox: IP55.</p> <p>Drive connection: SKF half coupling (Sweden). Bearing units: SNR (France). Sensors: thrust, speed, open circuit.</p>
	<p><b>H1 Bucket elevator</b></p> <p>Capacity <math>Q=Z1</math> t/year;</p> <p>Body material - carbon galvanised steel. Length 22,500 m, box wall thickness 4 mm, cover 2 mm. Explosive discharger on the head of the elevator.</p> <p>Drive complete with a coaxial cylindrical motor gearbox manufactured by Götterdämmerung NORD GmbH &amp; Co. KG. Motor-gearbox protection: IP55.</p>

	<p>Drive connection: SKF half coupling (Sweden). Bearing units: SNR (France).  Mechanical blocking of the belt reverse movement.  Lining of the bucket elevator head, heat resistance of the lining and the crusts 50-65°C. Polyurethane corks.  Oil-resistant belt.  Sensors: belt runout, speed</p>
	<p><b>KEO 1 Flapper valve:</b>  - One-way, electrically operated, 45° angle  - Body material: Carbon galvanised steel.  Dimensions LxOxO mm.  The drive is complete with a coaxial cylindrical motor reducer manufactured by Getriebebau NORD GmbH &amp; Co. KG. Protection of the motor-gearbox: IP55.  Drive connection: SKF half coupling (Sweden). Bearing units: SNR (France).  Wall lining, heat resistance of the lining 80-100°C.  Gate valve position sensor, limit switches.</p>
	<p>- Availability of certificates of conformity for all supplied equipment issued in Ukraine; - <b>will be done by SWENTUM</b>  - Availability of an expert opinion on the compliance of machines, mechanisms and high-risk equipment with the requirements of Ukrainian legislation on labour protection and industrial safety <b>will be done by SWENTUM</b>  Availability of the conclusion: examination of the condition of machines. mechanisms, areas of high risk to the requirements of <b>ATEX ZONE 22;</b>  - engineering documentation, to the extent necessary for the implementation of the construction project technical description of the goods supplied by the seller, data on energy consumption.</p> <p><b>SWENTUM Notes:</b> Drawings in DWG (main dimensions, 3D solid work model of equipment)</p>
	<p>The technical description/technical data sheet shall contain the following information:</p> <ol style="list-style-type: none"> <li>1. Drawings, photos and diagrams of the product;</li> <li>2. Technical characteristics of the goods must contain information on <ul style="list-style-type: none"> <li>- material;</li> <li>- overall dimensions (section and other dimensions);</li> <li>- weight;</li> </ul> </li> <li>3. Purpose of the goods;</li> <li>4. Manufacturer, manufacturer's address.</li> </ol>

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