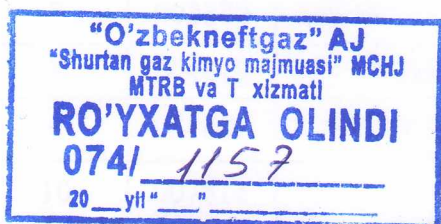


APPROVED
Chief Mechanic of
"Shurtan GCC" LLC
_____ H. Allayorov



_____ 2020 y

Reg. No. 0 74 / 1157



Technical assessment
for purchase spare parts for the GD-7612 Rotoform-3000
for the needs of «Shurtan Gas Chemical Complex».

1. GENERAL INFORMATION

1.1 Name				
Spare parts for the granulator GD-7612 Rotoform-3000 (existing pellet plant manufacturer company «SANDVIK» (Germany)).				
No №	ID	Technical requirements	Q-tity	Unit
1	000683	Scraper Release agent device 600mm	2	pcs
2	000774	Pressure spring	24	pcs
3	002508	Deep groove ball bearing	3	pcs
4	002176	O-ring Viton	5	pcs
5	016494	Chain strand length of 30 m for bucket elevator	1	pcs
5,1	052368	Chain coupler link	1	pcs
6	010773	O-ring Viton	8	pcs
7	002370	Sealing ring graphite	4	pcs
8	004819	Seal strip Refeed, hard skin silicone	45	m
9	054667	Toothed belt for sewing machine	2	pcs
10	007811	Discharge knife	2	pcs
11	003032	Support frame assembly	2	pcs
12	014663	Slide support complete with screws includes: slide bars, fitting elements, plough bars	1	pcs
13	014663	Steel belt IPCO 1200SA 600*0.1*20200mm, 2 v-ropes, cc-distance 550mm, open length	1	pcs
1.2 Basis and purpose of acquiring the material				
Basis: An approved application for the ethylene production shop for 2021y.				
Purpose: Ensuring the smooth operation of the GD-7612 Rotiform-3000 granulator and carrying out periodic maintenance according to the schedule.				
1.3 Information about novelty (year of manufacture / release of equipment)				
The supplied goods must be new, not earlier than 2020 of the year of release (which was not in use, including was not restored, in which consumer properties were not restored).				
1.4 Development / Manufacturing Stages				
The offered spare parts must be previously agreed with the Customer, for this you must provide:				
<ul style="list-style-type: none"> - constructional drawing of equipment; - materials for the manufacture of spare parts. 				
1.5 Development / Manufacturing Documents				
<p>If the Contractor is not a manufacturer, then he must have the manufacturer's approval for the manufacture of spare parts. The supplier must be the manufacturer or an official dealer of the manufacturer's plant (be sure to provide a copy of the dealer certificate). Copies of these documents, duly certified, specified in this procurement documentation, must be included by the participant in his proposal. The supplied spare parts must correspond to the data specified in the technical passport of the manufacturer's plant of the company "SANDVIK" (Germany). The participant is obliged to provide information about the manufacturers of the supplied products.</p>				

2. SCOPE OF APPLICATION

This technical task establishes specifications for the procurement of spare parts for granulator and GD-7612 Rotoform-3000, installation obtaining sulfur ethylene production. Separation of granulation and packing of sulfur obtained at the direct oxidation of hydrogen sulfide. The liquid sulfur is supplied to the SETTING UWC granulation (Rotoform-3000) through special heated die. Liquid sulfur dropwise fed onto a conveyor belt made of steel. The belt is equipped with a water cooling device. The droplet sulfur applied at the beginning of the belt is transferred to the hopper, into which solid granules are poured. The length of the belt and the speed of its movement are selected in such a way that the sulfur has time to crystallize before it enters the receiving hopper. The obtained granulated sulfur is packaged in 25 kg bags.

3. CONDITIONS OF APPLICATION

3.1 General operating conditions

Operating mode granulator and GD-7612 Rotoform-3000 - not discontinuous. Granulator GD-7612 Rotoform-3000 is set to Zakrytoy site, with an ambient temperature -5 to +60 °C.

4. TECHNICAL REQUIREMENTS

4.1 Basic technical requirements

Technical data of apasnyh frequently it granulator GD-7612 Rotoform-3000, referred to in paragraph 11. The manufacturer or seller must provide professional installation of steel tape specified in paragraph 11. If the Contractor is not the manufacturer, it must be company-resolution manufacturer for the manufacture of spare parts. The supplier must be the manufacturer or an official dealer of the manufacturer's plant (**be sure to provide a copy of the dealer certificate**). The participant is obliged to provide information about **the manufacturers of the supplied products**.

4.2 Marking requirements

The spare part must be marked with:

- country of origin; - drawing of mechanical seals; - stock list number that corresponds to these spare parts; - model number; - material grade.

4.3 Size and packing requirements

Packaging should ensure the safety of the goods during transportation, handling and movement of goods to the place of their installation. Packaging should ensure complete safety of the cargo from all kinds of damage and deterioration, precipitation, water, pollution, vibration during transportation and delivery, taking into account possible overloads and long-term storage. The cost of containers, packaging, labeling should be included in the price of the product. Containers cannot be returned. Packaging must strictly comply with the product labeling.

5. REQUIREMENTS FOR RULES OF DELIVERY AND ACCEPTANCE

5.1 Procedure for delivery and acceptance, additional customer requirements.

The goods must be accepted after the incoming inspection and drawing up an act in accordance with the contract.

The customer accepts the goods in accordance with the quantity, quality and completeness of the batch, and external signs of the safety of the goods (the presence of mechanical damage, visible deformation of individual units and parts of the goods and other similar obvious signs of damage) in accordance with the transport and accompanying documents, quality certificates of the manufacturer.

The parties hereby agree that the visual inspection of the goods, carried out by the representative of the Customer and must be absolute and final for the parties, to determine the conformity in terms of quantity, completeness and external signs of the safety of the goods during transportation.

When accepting the goods from the carrier, the Customer (consignee) is obliged to check the conformity of the goods with the information specified in the contract, specifications or additional agreements to it, as well as in transport, accompanying documents, quality certificates of the manufacturer.

If, upon receipt of the goods after receiving it from the carrier, a discrepancy of the goods in terms of quality / quantity is revealed, the Customer (consignee) is obliged to suspend acceptance of the goods, take measures to ensure the safety of the goods and prevent mixing with other homogeneous goods and

notify the Seller of this in a letter in a changeable form within 5 (five) working days from the date of detection of deficiencies.

The Seller is obliged to send the Customer at the (consignee), no later than 10 (ten) working days from the date of receipt of the notification, the answer about the participation of his representative in the further acceptance of the goods. The Seller's representative must appear to participate in the acceptance of the goods within a reasonable time, not exceeding 20 (twenty) calendar days from the date of receipt of the notification.

If the Seller refuses to participate in the acceptance or failure to provide a response to the notification, or the failure of his representative to appear within the period specified in the agreement, the Customer has the right to carry out further acceptance of the goods in terms of quality / quantity, with the participation of a representative of the Chamber of Commerce and Industry or an independent expert organization with drawing up an act in accordance with the agreement, or unilaterally.

The following information must be indicated in the act of acceptance of the goods:

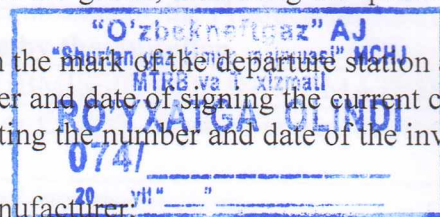
- the name of the customer (consignee) of the goods;
- number and date of drawing up the act, place of acceptance of goods, start and end time of acceptance of goods;
- the surnames and initials of the persons participating in the acceptance of the goods, their positions, information about the documents confirming the powers of these persons to participate in the acceptance of the goods, their details;
- the name and address of the manufacturer of the Seller;
- the date and number of the notification of the call to the Seller's representative;
- detected non-conformity of the goods, its nature;
- indication to the contract number and specification;
- name and labeling of goods according to the shipping documents for the corresponding batch of goods;
- number of pieces and weight of metal products according to shipping documents;
- the condition of the container (packaging);
- weight of the identified shortage for each place;
- number of the shipping document and quality certificate;
- size, steel grade, batch number, presence of a label;
- conclusion on the nature of the identified defects in the goods and the reason for their occurrence.

The act must be signed by all persons involved in the acceptance of the goods.

5.2 Requirements for the transfer of technical and other documents to the customer when supplying equipment

The goods must be accompanied by the following documentation:

- product conformity certificate;
- an invoice (invoice) of the Seller with a description of the goods, indicating the quantity, unit price and total amount;
- bill of lading issued in the name of the consignee with the mark of the departure station and the mark of the destination, the name of the Customer, the number and date of signing the current contract
- certificate of origin of the country of the goods indicating the number and date of the invoice;
- packing list;
- certificate of the quality of the goods issued by the manufacturer;
- product safety data sheet;
- certificates of materials indicating the chemical analysis and strength characteristics;
- factory test certificates.



5.3 Requirements for insurance of spare parts.

The goods must be insured in accordance with the terms of delivery with IP.

6. TRANSPORTATION REQUIREMENTS

Transportation conditions must ensure the integrity of products, dimensions based on the possibility of transportation to the recipient's warehouse.

Packaging should ensure complete safety of the cargo from all kinds of damage and deterioration, precipitation, water, pollution, vibration during transportation and delivery, taking into account possible overloads and long-term storage.

The cost of containers, packaging, labeling should be included in the price of the product. Containers cannot be returned.

The Supplier is obliged to deliver the Goods to the Buyer's warehouse.

7. STORAGE REQUIREMENTS

Storage of the goods must be carried out in accordance with the "Instruction for acceptance, inspection and storage from the connecting parts of pipelines " of the manufacturer.

8. REQUIREMENTS FOR THE SCOPE AND / OR DURATION OF WARRANTIES

The supplier is obliged to provide a document on the manufacturer's letterhead, which specifies the conditions for fulfilling the warranty.

The supplier provides a quality guarantee for the goods in accordance with the manufacturer's guarantee. The warranty period of operation must be at least 12 months from the date of putting the spare parts into operation or 18 months from the moment the spare parts arrive at the Customer's warehouse. If the Supplier delivered products that do not comply with the terms of the contract, the requirements of the standard and the quality of the products is not confirmed by the appropriate quality document, the Supplier is obliged to replace it with products of adequate quality within the period specified in the contract.

Service life - at least 12 months.

9. REQUIREMENTS FOR QUANTITY, EQUIPMENT, PLACE AND TIME (PERIODICITY) OF DELIVERY

The number of equipment is specified in paragraph 1.1.

Delivery time: **until 20.02.2021.**

Terms of delivery according to DAP delivery basis. One-time supply in full according to section 11. of the technical task.

Delivery conditions:

DAP - Republic of Uzbekistan, Kashkadarya region, Guzar district, Shurtan village, 180300.

10. ADDITIONAL (OTHER) REQUIREMENTS

Upon delivery, the Supplier must submit documents confirming the compliance of the products offered by him with the established requirements:

- the supplier is also responsible for compliance with technical parameters, for quality and quantity; The manufacturer must provide specialists for the installation of the steel strip (Grades: 1200SA. Size: 600x1.0x20113 mm.) Of the GD-7612 sulfur granulator, the installation service must be specified in the attached technical and commercial proposal.

In the event that the Product does not meet the quality requirements, the Products are subject to return, and **all the costs of purchasing and delivery are borne by the Supplier.**

11. REQUIREMENT FOR THE FORM OF SUBMISSION OF INFORMATION

Text information should be provided in Russian and / or English, in paper and electronic versions (1 copy).

Note: The developer is responsible for correct filling and incomplete items.

Drafters:

Deputy Chief Mechanic:

_____ **M. Salaev**

Engineer of Chief Mechanic Department:

_____ **F. Botirov**

Leading engineer of material technical resource management and development service:

_____ **G. Rakhmanov**

Head of the CPE:

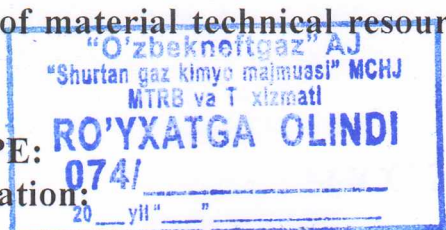
_____ **O. Murtazaev**

Chief Engineer CPE:

_____ **F. Nurmatov**

Mechanical installation:

_____ **P. Baydanov**



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