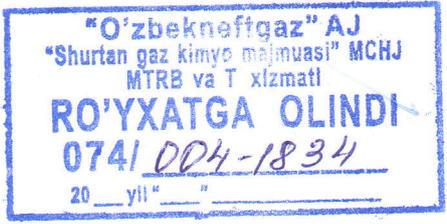


004-1834



Reg. No 074/



TECHNICAL ASSIGNMENT  
for purchasing spare parts for pressure safety valves  
for the needs of Shurtan GCC LLC

# 1. GENERAL INFORMATION



1.1. Name
Spare parts for pressure safety valves (manufactured by Crosby Valve)
1.2. Basis and purpose of purchasing goods
Basis: Annual request for 2022 Purpose: Ensure the smooth operation of pressure safety valves and carry out routine maintenance according to the schedule.
1.3 Information about novelty
The supplied goods must be new, produced no earlier than 2019 (not used, reconditioned, and not refurbished consumer properties).
1.4 Documents for development/manufacturing
If the Contractor is not a manufacturer, an approval of authority manufacturer should be for the manufacture of spare parts. The supplier should be the manufacturer or an official dealer of the manufacturer ( <b>required to provide a copy of the dealer certificate</b> ). The participant has to provide information about <b>the manufacturers of the supplied goods</b> .

## 2. SCOPE OF APPLICATION

Pressure safety valves are designed to protect equipment from overpressure.
---

## 3. OPERATING CONDITIONS

3.1 Basic operating conditions
The operation mode of the equipment is continuous. Pressure safety valves are installed in an open area with an ambient temperature of -20 + 60°C.

## 4. TECHNICAL REQUIREMENTS

4.1 Basic technical requirements		
Spare parts of pressure safety valves		
Name of spare parts	Quantity	Characteristics
1) Nozzle. Item no: 2.	2 pcs	Valve Model Number: VA0173474-01 <b>Set Pressure: 4896,6kPa. Tag No:PSV-101</b> <b>Pressure: 5041,4kPa. Tag No:PSV-102</b> Oper Temp: 258°C. Serial Number: Valve Size:Inlet: 3"#600 Valve Size:Outlet 6"#150 1) Nozzle. Material: ASME SA 479 TP 347 H. 2) Disc Insert Material: ASME SB637 UNG NO7718 3) Spring with Washers Material: Alloy Steel . 4) Adjusting Bolt Material: ASTM A582 TP 416 COND . T
2) Disc Insert Item no: 5.	2 pcs	
3) Spring with Washers Item no: 15.	2 pcs	
4) Adjusting Bolt Item no:23	2 pcs	
Name of spare parts	Quantity	Characteristics
1) Nozzle. Item no: 2.	2 pcs	<b>Set Pressure: 4386,2kPa. Tag: PSV-250</b> Oper Temp: 370-390°C. Serial Number:VA0173476-01 . Valve Size:Inlet: 3"#600 Valve Size:Outlet 6"#150. 1) Nozzle. Material: ASME SA 479 TP 34711. 2) Disc Insert Material: ASME SB637 UNG NO7718 3) Spring with Washers Material: Alloy Steel. 4) Adjusting Bolt Material: ASTM A582 TP 416 COND. T

**Note: For general information on technical requirements, a drawing is attached**

### 4.2 Requirements for materials

Incoming inspection of goods at the manufacturer, confirmed by the relevant documentation. Quality control of spare parts at equipment manufacturing at the manufacturing plants, affirmed by appropriate documentation. Materials used for the manufacture of spare parts must have quality certificates.

### 4.3 Requirements for labeling

Labeling should correspond to the requirements of state standards of the Republic of Uzbekistan, not contradicting and not inferior to internationally accepted standards. Marking of goods should contain decoded name of the equipment, name of the manufacturer, address of the manufacturer, date of manufacture, and other necessary information. Spare parts should be marked followed by:

- a) part number;
- b) model number;
- c) material grade;
- d) country of manufacture



#### 4.4 Requirements to sizes and packing

Packing should ensure goods safety during transportation, loading and unloading operation, movement of goods to the mounting location. Packing should ensure complete safety of goods from all kinds of damage and breakdown, precipitation, water, pollution, vibration during transportation and delivery, taking into account possible overloads and long-term storage. The cost of containers, packing, labeling should be included in the product cost. Container is nonreturnable. Packing should strictly correspond to product labeling.

### 5. REQUIREMENTS TO RULES FOR DELIVERY AND ACCEPTANCE

#### 5.1 Order of delivery and acceptance

The goods should be accepted after incoming inspection and drawing up a report following the contract.

The Customer accepts the goods according to the quantity, quality, completeness of the lot, and the external signs of the safety of the goods (mechanical damage, visible deformation, and other similar damage) following the transport and enclosed documents, the manufacturer's quality certificates.

Being parties agree that the visual inspection of the goods carried out by the Customer representative must be absolute and final for the parties to determine the conformity according to quantity, complete and external signs of goods safety during transportation.

At receiving the goods from the carrier, the Customer (consignee) should check the conformity of the goods with the information specified in the contract, specifications, or additional agreements to it, as well as in transport, enclosed documents, and the manufacturer quality certificates.

In case receiving the goods from the carrier, if a non-conformity of the goods according to quality/quantity is determined, the Customer (consignee) has to stop receiving the goods. Take measures to ensure the safety of the goods and prevent mixing with other uniform goods, as well as notify the Seller about this in writing within 5 (five) working days from the date of finding the shortage.

The Seller is obliged to send the Customer (consignee), no later than 10 (ten) working days from the date of receipt of the notification, a response about the participation of his representative in the further acceptance of the goods. The Seller's representative must 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 Seller refuses to participate in the receipt of goods or fails to respond to the notification or his representative fails to appear within the date specified in the contract, the Buyer has the right to carry out further receipt of goods according to the quality/quantity with the participation of Board of trade's representative or an independent expert organization to draw up report following the contract.

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

- the name of the Customer (consignee) of the goods;
- number and date of drawing up thereport, place of acceptance of goods, start and end of acceptance of goods;
- surnames and initials of the persons participating in the acceptance of the goods, their positions, information about the documents confirming the persons' authority to participate in the acceptance of the goods, their details;

- names and addresses of the manufacturer and 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 lot of goods;
- number of packages and weight of metal products according to shipping documents;
- the state of the container (packing);
- weight of the identified shortage for each place;
- number of the accompanying document and quality certificate;
- size, steel grade, lot number, presence of a label;
- conclusion on the nature of the identified defects in the goods and the reason for their origination.



All persons involved in the acceptance of the goods must sign the report.

#### 5.2 Requirements for transfer of technical and other documents to the Customer at equipment supply

Each participating company in the contest should take into account the inclusion of the technical offer the following information:

- certificate of conformance of goods;
- the manufacturer certificate;
- materials certificate for manufacturing;
- international certificates ISO-9001, 14001, 45001, 50001 (if available);
- certificates of the internationally recognized laboratories and the test centers
- Seller's invoice with a description of the goods, indicating the quantity, unit price, and total amount;
- a bill of lading issued in the name of Consignee with a stamp of dispatch-station, and the destination, Customer name, the number, and date of signing of the existing contract;
- certificate of origin of the country of the goods indicating the number and date of the invoice;
- packing list;
- certificate of quality of the goods issued by the manufacturer;
- safety data sheet
- reference list with contacts of the company who are users of the given product

#### 6. TRANSPORTATION REQUIREMENTS

Transport conditions should ensure the safety of goods, dimensions based on the possibility of transportation to the consignee's warehouse.

#### 7. REQUIREMENTS FOR STORAGE

Storage of goods should be carried out as per the manufacturer's instructions for acceptance, inspection, and storage of the equipment.

#### 8. REQUIREMENTS FOR SCOPE AND-OR GUARANTEE PERIOD

The supplier establishes a warranty for goods at least 12 months from the date of transfer of goods. The supplier provides a quality guarantee for the goods as per the manufacturer's guarantee. During the guarantee period, the supplier has to replace broken parts at his expense on the condition that the damage did not result in the Customer's fault.

#### 9. REQUIREMENTS FOR QUALITY AND CLASSIFICATION

Goods should be of high quality and meet the requirements of their intended use having, the necessary consumer properties and technical specifications, characteristics of environmental and industrial safety. A quality certificate issued by the manufacturer should confirm the quality of the goods.

## 10. ADDITIONAL (OTHER) REQUIREMENTS

Technical documentation should be in Russian. At delivery, the supplier should submit documents confirming the compliance of the products offered by the established requirements:

- It is necessary to provide a quality certificate (original or a copy certified by the Supplier's seal) for the delivery lot.
- The supplier is also responsible for compliance with specifications and quality;
- If non-compliance of goods according to quality requirements, the goods are returnable, and the Supplier is responsible for all the costs of purchasing and delivery.

## 11. REQUIREMENTS FOR QUANTITY, COMPLETE SET, PLACE AND TIME (FREQUENCY) OF DELIVERY

The quantity of spare parts supplied is specified in item 4.1. Terms of delivery according to the DAP delivery basis. Single delivery in full specified in the technical specification.  
 Transport Delivery: DAP – 180300, Shurtan settlement, Guzar district, Kashkadarya region, the Republic of Uzbekistan.

## 12. REQUIREMENT FOR THE FORM OF SUBMITTED INFORMATION

Text information should be provided in Russian and-or English, in paper and electronic version (one copy).

## 13. LIST OF APPENDICES

No	Name of appendix	Page number/Number of sheets
1	<i>Drawing (manufactured by Crosby Valve.)</i>	<i>2 (two) sheets.</i>

*\*Note: The developer is responsible for correct filling and blank items*

