



Subject

**Supply of a worm and a worm gear for the HP Automatic Shut off valve servomotor transmission mechanism**

Description

**Technical specification**  
**for**  
**Supply of a worm and a worm gear for the HP Automatic Shut off valve servomotor transmission mechanism**

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	<b>ContourGlobal Maritsa East 3 AD</b>	Document №
	<b>Manufacture and supply of a worm and a worm gear for the HP Automatic Shut off valve servomotor transmission mechanism</b>	Page 2 от 5

#### TABLE OF CONTENTS

1.	Scope of delivery .....	3
2.	Technical requirements for the delivery.....	3
2.1	Technical requirements for the worm gear.....	3
2.2	Technical requirements for the worm:.....	3
3.	Term of delivery: .....	3
4.	Place of supply.....	4
5.	Access to ContourGlobal Maritsa East 3 power plant .....	4
6.	Packing, wrapping and batching .....	4
7.	Receiving goods in the storehouse.....	5
8.	Protocols and documents for reference .....	5

	<b>ContourGlobal Maritza East 3 AD</b>	Document №
	<b>Manufacture and supply of a worm and a worm gear for the HP Automatic Shut off valve servomotor transmission mechanism</b>	Page 3 от 5

### 1. SCOPE OF DELIVERY

The scope of delivery includes:

Manufacture and supply of a worm and a worm gear for the HP Automatic Shut off valve servomotor transmission mechanism.

One of the options is supply of the spares from Russia as per the attached parameters in sections 2.1.1 and 2.2.1. The following drawings are attached:

Drawing № A - 1152681 page 1 and drawing № A - 1152681 page 2

### 2. TECHNICAL REQUIREMENTS FOR THE DELIVERY

#### 2.1 TECHNICAL REQUIREMENTS FOR THE WORM GEAR.

The worm gear is used with the transmission mechanism of the servomotor of HP automatic shut off valve. It is manufactured by "Power Machines"

Drawing detail number: Г- 1076475 item 28 ГОСТ 613-50 as per the Russian general drawing of the Automatic Shut off valve servomotor: № A - 1152681 page 1.

#### 2.2 TECHNICAL REQUIREMENTS FOR THE WORM:

The worm is used with the transmission mechanism of the servomotor of HP automatic shut off valve. It is manufactured by "Power Machines".

Drawing detail number: Г- 1076517 item 99 ГОСТ 1050-60 as per the Russian general drawing of the Automatic Shut off valve servomotor: № A - 1152681 page 2.

#### Quantities:

№	Stock number	Description, size, parameters	Unit of measurement	quantity
1		<b>Worm + wormgear /a set/ for servomotor of High Pressure Automatic shut off valve</b>	Pcs.	2

### 3. TERM OF DELIVERY:

All spares shall be supplied at the same time. The delivery shall be carried out not later than 15.04.2015.

	<b>ContourGlobal Maritsa East 3 AD</b>	Document №
	<b>Manufacture and supply of a worm and a worm gear for the HP Automatic Shut off valve servomotor transmission mechanism</b>	Page 4 от 5

#### 4. PLACE OF SUPPLY

ContourGlobal Maritsa East 3 TPP is situated at approximately 60 km to the south east of Stara Zagora city, 10 km the the south east of the town of Galabovo and 2 km to the North of the village of Mednikarovo, Galabovo municipality, Stara Zagora District, near Troyanovo-3 Mine.

GPS: N–42.143321 and E–26.000856

The goods should be supplied to a warehouse located on the territory of ContourGlobal Maritsa East 3 TPP.

#### 5. ACCESS TO CONTOURGLOBAL MARITSA EAST 3 POWER PLANT

The working hours with suppliers of goods in the warehouse shall be every working day from Monday to Friday from 8:30h to 15:00h. The suppliers should follow the following rules when delivering the goods:

- When delivering letters, packages or small size goods, the person carrying the goods is given temporary pass at the main entrance after showing an ID card by means of which he could enter into the territory of the power plant and to hand over the goods to the recipient or in the warehouse, accompanied by a representative of the Assignor.
- When delivering goods into the warehouse, access permission is obtained in the following way: The supplier of the goods shows at the cargo gate at the entrance of the power plant a copy of the purchase order or other documents certifying that the goods are supplied as per a contract or an order of ContourGlobal Maritsa East 3 or ContourGlobal Operations Bulgaria. A pass is prepared by a guard at the cargo gate and signed by the Head of Health, Safety and Security department.
- A vehicle with unwashed tires or unsupported properly loads shall not be allowed to enter on the territory of the power station.
- During loading - unloading activities, the supplier is under obligation to use PPE, mandatory for work on the TPP site - a helmet, protective footwear and suitable working clothes.
- The drivers of motor vehicles transporting volatile materials or materials that can be scattered are obliged to put covers on the bodyworks of the vehicles.
- The drivers of vehicles on the territory of the power plant shall move, stop and park in such a way so as not to obstruct the movement of other vehicles /fire fighting truck, ambulance, business cars/ or people.
- Having delivered the goods to the storehouse, the supplier shall immediately leave the power plant.
- It is absolutely forbidden to bring inside the territory of the power plant alcohol/ including beer/, drugs or other psychotropes as well as to enter the power plant under the influence of such substances.
- It is absolutely forbidden to bring inside firearms, blank guns, cold steel, explosives and nail guns.

#### 6. PACKING, WRAPPING AND BATCHING

The factory manufacturing the goods carries out the packing, labeling, wrapping or batching of the goods in accordance with the requirements and the rules for safe transportation and storage based on their physical and chemical properties.

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	<b>ContourGlobal Maritza East 3 AD</b>	Document №
	<b>Manufacture and supply of a worm and a worm gear for the HP Automatic Shut off valve servomotor transmission mechanism</b>	Page 5 от 5

The goods shall be packed during the supply, so as to be protected during the storage and to prevent damage during transportation.

The supplied items shall be protected and greased against corrosion as well as packed as per their respective sets /worm + wormgear/.

## 7. RECEIVING GOODS IN THE STOREHOUSE

When delivering goods the supplier is obliged to advise about the date and time of delivery, one day in advance, in order to organize the necessary equipment for loading and unloading activities.

The materially responsible person from the storehouse certifies by stamping the delivery note or the Hand over protocol that the materials have been delivered. Afterwards the official informs the Maintenance department via email. Within the end of the next working day the technical person who is responsible for receiving the goods shall perform technical control on the delivered goods/ material and shall sign a Hand over protocol proving that the goods have been received. At the same time, he fills in the hand over protocol information about the technical control carried out. After that, the goods are put on a specific place in the storehouse and the invoice and hand over protocol are submitted to the Accounting department.

In case the supplied goods do not meet the requirements outlined in the Technical specification or the parameters set in the Purchase requisition, or in case damage has been ascertained and described in the protocol for the technical control, those goods are returned to the supplier and are not received and accepted in the storehouse. The supplier is obliged to replace the goods with ones that are in good working order.

## 8. PROTOCOLS AND DOCUMENTS FOR REFERENCE

The goods are accompanied by the following documents:

8.1 Hand over protocol

8.2.Certificate for quality/origin/ by the manufacturer for the details manufactured in accordance with the Technical requirements.

The following drawings are attached:

1.Drawing № A - 1152681 page 1- document: 10TUF001012 list 1 of 2

2.Drawing № A - 1152681 page 2- document: 10TUF001012 list 2 of 2