



Subject

Supply of a water jet ejector for the distillate system.

Description

TECHNICAL SPECIFICATION
for
Supply of a water jet ejector for the distillate system.

16.03.2015

M. Atanasov

P. Panayotov

S. Bodurov

Date:

Prepared by:

Agreed by:

Approved by:

	ContourGlobal Maritsa East 3 AD	Document №
	Supply of new water jet ejectors for the distillate system.	Page 2 от 7

TABLE OF CONTENTS

1.	Scope of delivery	3
2.	Technical requirements for the delivery.....	3
3.	Delivery Period	5
4.	Place of supply.....	5
5.	Access to ContourGlobal Maritsa East 3 power plant	5
6.	Packing, wrapping and batching	6
7.	Reception of goods in the storehouse.....	6
8.	Protocols and reference documents	7

	ContourGlobal Maritsa East 3 AD	Document №
	Supply of new water jet ejectors for the distillate system.	Page 3 от 7

1. SCOPE OF DELIVERY

The scope of delivery includes:

Supply of new water jet ejectors for the distillate system.

2. TECHNICAL REQUIREMENTS FOR THE DELIVERY

2. 1 Water jet ejector for distillate system with parameters:

Type	ЭВ - М
Water consumption	10 m ³ /h
Pressure	2 kg/cm ² / 2 bar /
Creating vacuum	700 mm of mercury.



The ejectors are manufactured by Electrosila, and are equipment pertaining to generator Type TBB-200-2A;

	ContourGlobal Maritsa East 3 AD	Document №
	Supply of new water jet ejectors for the distillate system.	Page 4 от 7

Technical parameters of generator type TBB-200-2A

Revolutions	3000 rev/min;
Frequency	50 Hz;
Voltage	6 kV, 15,750 V
Temperature of the cooling water at 350 m ³ /h	25° C
Efficiency	0, 85
Stator Current	9080 A
Rotor Current	2640 A
Rated power	247 000 KVA
Rated pressure of hydrogen	3 kg/cm ²



	ContourGlobal Maritsa East 3 AD	Document №
	Supply of new water jet ejectors for the distillate system.	Page 5 от 7

No	Stock number	Description, size, parameters	Unit of measurement	Quantity	Unit price	Total price
1		Water-jet Ejector Type ЭВ - М Water consumption 10 m³/h Pressure 2 kg/cm ² / 2 bar / Creating vacuum 700 mm of mercury.	Pcs.	4		

3. DELIVERY PERIOD

3. 1 Supply of new water jet ejectors for the distillate system - 4 pcs.

Delivery period 24.05.2015

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 shall 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 shall follow the following rules when delivering goods:

- When delivering letters, packages or small size goods, the carrier of the goods gets a temporary access card after presenting his identity card. The temporary access card allows him/her to enter the power plant and submit the goods to the recipient or to the storehouse, while being accompanied by a representative of the Contracting authority.
- The permission to have access when delivering goods to the storehouse is given in the following way: The supplier of the goods presents at the cargo gate of the power plant a copy of the Purchase order or other documents certifying that the goods are delivered under a contract or order of ContourGlobal Maritsa East 3 or ContourGlobal Operations Bulgaria. An access card is prepared by a guard at the cargo gate and signed by the H&S manager.
- A vehicle with unwashed tires or unsupported properly loads shall not be allowed to enter the power station site.

	ContourGlobal Maritza East 3 AD	Document №
	Supply of new water jet ejectors for the distillate system.	Page 6 от 7

- 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.

During the delivery the coils are to be protected with external lining - a layer of primer against corrosion.

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

7. RECEPTION OF 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 the next working day the technical person 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 in a certain 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 shall be returned to the supplier and shall not be received and accepted in the storehouse. The supplier is obliged to replace the goods with ones that are in good working order.

	ContourGlobal Maritsa East 3 AD	Document №
	Supply of new water jet ejectors for the distillate system.	Page 7 от 7

8. PROTOCOLS AND REFERENCE DOCUMENTS

The goods shall be accompanied by the following documents:

8.1 Hand over protocol

8.2 Quality certificate/ejector certificate by the generator manufacturer, responsible for the respective type of equipment/.

8.3.Passport of the equipment

8.4 Packing list for hand over of the items.