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Supply of spare parts for pipelines valves and fittings type PARCOL										
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1. SCOPE OF THE WORKS

Supply of spare parts for pipeline valves and fittings type PARCOL, in accordance to the attached requirements and specification by the **Contracting Authority**.

2. GENERAL CHARACTERISTICS OF THE POWER STATION

The general design and operating parameters of the power station are as follows:

TPP ContourGlobal Maritsa East 3 is situated at approximately 60 km to the South East of Stara Zagora town, 10 km the the south east of the town of Galabovo and 2 km to the North of the village of Mednikarovo, Haskovo District, near Troyanovo Open pit.

GPS: N-42.143321 and E-26.000856

Reference values of ambient parameters:

- Atmospheric pressure 1004.5 hPa
- Ambient air temperature (max): 45°C
- Ambient air temperature (min): -28.5°C
- Nominal relative humidity: 73%
- Maximal relative humidity: 100%
- Minimal relative humidity: 14%

3. ACCESS TO CONTOURGLOBAL MARITSA EAST 3 TPP

3.1 WORKING HOURS

The warehouse working hours are Monday - Friday from 8:30 a.m. to 15:00 p.m. The access for external company's personnel is absolutely forbidden outside the day shift working hours, namely before 7:30 a.m. and after 04 p.m from Monday to Friday and during the weekend.

3.2 RULES FOR ENTERING THE POWER STATION DURING DELIVERY OF GOODS

- When letters, packages or small volume goods which can be carried by hand are delivered, they are given to the security guards at the main gate, whose duty is to hand them over to the recipient. If the person who has delivered the goods has to enter the power station, he/she is issued a temporary pass, giving access to the power station to supply the goods to the recipient or to the warehouse.
- During the delivery of goods with a vehicle, the procedure is as follows: The driver submits payment documentation, specifications, supply contracts and other documents, confirming that the goods enter CGME3 or CGOB under a contract. A document is filled in at the gate and then it is signed by Head of Health, safety and security department.
- Vehicles with unwashed tires or with loads unsupported properly, are not allowed in or outside the territory of the power station.
- During loading - unloading activities, the vehicle driver is under obligation to use PPE, which are mandatory on TPP territory - a helmet, protective footwear and suitable working clothes.

- The vehicle drivers, transporting volatile or easily scattered materials are under obligation to put covers on the vehicle bodywork.
- The vehicle drivers on TPP site are to move and park in such a way that the traffic of the other vehicles/fire engines, ambulance, office vehicles / or persons shall not be obstructed in any way.
- On completion of loading- unloading activities, the vehicles shall immediately leave the power station.
- Bringing alcohol /beer including/, drugs or other psychotropic substances, in /out of the power station site is strictly forbidden as well as the access of persons under the influence of such substances.
- It is strictly forbidden to enter fire arms, gas weapons and cold steel weapons as well as explosive materials and air nail guns.

4. PACKING, WRAPPING AND BATCHING

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

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

All units, details and parts of the equipment shall be supplied to ContourGlobal Operations Bulgaria, conserved with a package for storage, excluding any possibility of damage due to ambient conditions during the transportation and loading and unloading activities. The packaging and the large details shall be equipped with fixing devices for lifting and moving.

5. TECHNICAL REQUIREMENTS TO THE SUPPLY

The supply includes spares for pipeline valves and fittings type Parcol, required for the minor overhaul and the routing maintenance in the power station.

The supply includes the following positions from the specification:

SPECIFICATION

Stock ST №	N B SAP	KKS /Tag	matr	Type and DN/DWG N	Parcol code	Description of the spare part	Description of the valve where the spare is used	Unit of measurement / Number	Quantity
7647	2016303	10/20LAE12AA001 10/20LAE13AA001 10/20LAE41AA001 10/20LAE42AA001	26066- 26073	1-6933 DN1"	1BP10BA60143	PACKING RING TYPE A6 IN GRAFOIL GTJ	Control valve „0"	Pcs	24
6875	2015749	10/20LAE30AA001 10/20LAE60AA001	26086- 26089	1-6933 DN2"	1BP10BA70143	PACKING RING TYPE A7 IN GRAFOIL GTJ	Control valve II left PB II right	Pcs	24
	2020436	10/20LAB60AA001 10/20LAB70AA001	26090- 26093	1-6962 DN8 inch	16962P438A00034 + 1C401BL90017	PLUG IN AISI440C+STEM N.095 IN XM-19	Feed water control valve II right FEED WATER CONTROL VALVE II left	Pcs.	1
	2020114	10LAB60AA001 10LAB70AA001	26094- 26097	1-6962 DN8 inch	16962P552A00RFN	CAGE ASTM A182F6NM NITRID	FEED WATER CONTROL VALVE II right FEED WATER CONTROL VALVE II left	Pcs.	2
	2020022	10LAB61AA001 10LAB71AA001		1-6962 DN3"	16962P611A00M00	LIMIPHON DISK STACK	FEED WATER CONTROL VALVE-3	Pcs.	2
7622	2016278	30LAE85AA001	28051	1-4442 DN25x80	P02507110A00M00	FILTER AISI 304	Spray regulator Reduction cooling device C1	Pcs.	1

							of Turbine 3 and Turbine 4		
7683	2016339	30LBG41AA001	28056	1-6933 DN250	16933P142K30RFA	PLUG IN F6NM FULL STELLITED	Hot reheat control valve Turbine 3 and Turbine 4	Pcs.	1
7660	2016316	30LBA41AA001		1-4474 DN 8" ANSI 2500 BW x DN24	157001031BD1RFN	CAGE AST A182 F6 MM NITRIDED	Steam Valve5 of Turbine 3	Pcs.	1
7644	2016300	10/20LAB60AA001 10/20LAB70AA001	26090- 26093	1-6962 DN8"	1BP063E01149	SEAL RING TUPE E00 IN ASTM-A439 TYPE D3	FEED WATER CONTROL VALVE II right FEED WATER CONTROL VALVE II left	Pcs.	12

6. DELIVERY TIME

All goods are supplied at the same time, within the minimal delivery period for the supplier which has been agreed in the Purchase Order.

Deadline for supply of all parts - 25.11.2015.

7. RECEPTION OF GOODS IN THE STOREHOUSE

7.1 DELIVERIES VIA COURIER

The liable person confirms the reception of the materials by stamping the hand-over protocol, then sends an e-mail to the maintenance work team. By the end of the next working day, a technical person from the maintenance team is obliged to carry out a technical control on the supplied goods /materials/ as well as to put his/her signature on the hand-over protocol. At the same time, he/she fills in Technical control protocol. Just after that the goods are arranged at their proper places in the warehouse and the invoice and the hand-over protocol are presented to the Accountant department for processing.

7.2 DURING DIRECT SUPPLIES FROM THE CONTRACTOR

During the supply of goods directly from the Contractor, the date and hours of delivery shall be announced in advance to the warehouse personnel as well as to the person who is responsible for the technical control. If the delivered goods have not been checked and the protocol for technical control has not been filled in, they are not accepted in the warehouse. If the goods meet the purchase requisition requirements, a hand-over protocol is filled in, the goods are accepted and registered in the warehouse, while the protocol and the protocol for the technical correspondence are submitted to the accounting department. In case of discrepancy with the parameters specified in the purchase requisition, the goods are sent back to the Supplier.

7.3 THE CONTRACTING AUTHORITY IS UNDER OBLIGATION TO PROVIDE THE FOLLOWING DOCUMENTS WITH THE SUPPLY:

8.1.1 Hand over protocol

8.1.2 Packing list;

8.1.3 Conformity declaration by the Manufacturer

8 PROTOCOLS AND REFERENCE DOCUMENTATION