Translation from Bulgarian

LUKOIL
Oil Company

Joint-stock Company
LUKOIL Neftohim Burgas AD

Ref. No. 100-01-4335/11.07.14

To
The Manager
Of EL KONTROL EOOD
Mr. Nyagol Hristov

REFERENCE

LUKOIL Neftochim Burgas AD issues the present Reference to EL KONTROL EOOD to verify that within the period 2013 – 2014 this company has implemented contracts for design, supply, installation and commissioning of facilities under the Program for renovation of equipment and the Repair Program of the Joint-stock Company, as following:

1. Contract No. A201301832 000/ 27.01.2014 for supply of materials and equipment, and commissioning of facilities for the project: **Alternation of the power supply scheme of Substation No.214 to direct power supply from 6 kV Indoor Switchgear of Main step-down Substation GPP-2, first and second section**, on the territory of LUKOIL Neftohim Burgas AD.

Subject of the project is provision of a direct power supply of the 6/0.4 kV Substation from 6 kV Indoor Switchgear of Main step-down Substation, load distribution between S/st No. 214 and S/st 215, set-up of relay protection and microprocessor protection, installation of new electrometers for the incoming feeders of s/st No. 214.

Contract includes the following scope:

Order includes the following activities:

- Dismantle of existing power cables
- Dismantle of cable racks
- Supply, laying and connection of power cables
- Delivery and installation of electrometers
- Painting and corrosion protection of steel structures
- Set-up of relay protection
- Control tests and commissioning of S/st 214

Works for this Project were finished in March 2014.

2. Contract No. A 201300841 000/ 25.09.2013 for supply of materials and equipment, construction works and commissioning of facilities for the project: **Reconstruction and modernization of Main Step-down Substation 2 (GPP-2)** on the territory of LUKOIL Neftohim Burgas AD.

Contract includes execution of the following activities in Main Step-down Substation 2 (GPP-2) 110/15.75/6.3 kV:

Reconstruction of two cubicles in 110 kV Indoor Switchgear:

- Dismantle of existing equipment in 110 kV Indoor SWG;
- Installation of equipment in cubicles at 110 kV Indoor SWG: 110 kV SF6 circuit breaker, 110 kV feeder disconnector, 110 kV current measuring transformers, and bushings;
- Delivery and mounting of steel structures;
- Secondary commutation in 110 kV Indoor SWG: dismantle and refurbishment of control panels, relay panels, and electric meter panels;
- Assembly, installation and connection of control switchboards at 110 kV terminal field;
- Delivery, installation and connection of control cables;
- Commissioning works;
- Parameterizing and testing of relay protection.

Reconstruction of two cubicles for outgoing feeder in 6 kV Indoor Switchgear:

- Dismantle of existing cubicles in 6 kV Indoor SWG;
- Delivery and installation of support insulators and ring-core current transformers for earth protection;
- Dismantle of existing current limiting reactors, installation of new ones and busbar installation;
- Delivery and installation of 6 kV busbar, type examination passed;
- Secondary commutation in 6 kV Indoor SWG: equipping of 6 kV SWG;
- Delivery, laying and connection of control cables;
- Commissioning works;
- Parameterizing and testing of relay protection.

Works for this Project were finished in December, 2013.

3. Contract No. A 201300710 000/ 07.10.2013 for elaboration of detailed design (primary and secondary commutation), supply of materials and equipment, construction works, tests, set-up and commissioning of facilities for the project: **Substitution of circuit breakers and disconnectors in 20 kV Indoor Switchgear at Oil-tank farm** on the territory of LUKOIL Neftohim Burgas AD.

Contract includes the following scope of activities:

- Elaboration of detailed design for reconstruction of existing 20 kV Indoor SWG at 110/20/6 kV Substation No. 2. Design includes Electrical part, Construction part, and Architectural part;
- Dismantle of equipment from 20 kV Indoor SWG: circuit breakers, disconnectors, measuring transformers, metal structure, and busbar system with adjacent support insulators;
- Reconstruction works: plastering, painting, floor repair;
- Installation Lighting system;
- Delivery and installation of 20 kV air-insulated metal-clad SWG;
- Delivery, laying and connection of power cables and control cables;
- Reconstruction of trade metering panel; reconstruction of signalization panel; assembly and installation of control metering panel;
- Commissioning works and put of all the installed equipment under operational use.

Works for this Project were finished in December, 2013.

4. Contract No. A 201300770 000/ 23.10.2013 for repair and construction works for the project: **Substitution of 6 kV cables from First and Second Feeder to 6,3/0,4 kV Substation No. 220BH** on the territory of LUKOIL Neftohim Burgas AD.

Contract includes the following scope of activities:

- Dismantle of existing 6 kV power cables;
- Repair of existing steel structure;
- Delivery, laying and connection of 6 kV power cables;
- Delivery and installation of 6 kV cable ends and ferrules;
- Commissioning works, phasing and testing of cables.

Works for this Project were finished in December, 2013.

Assigned works were implemented professionally, and in correspondence with the operative Instructions and Regulations in the Republic of Bulgaria. Activities were implemented in accordance with the Requirements for execution of activities on the territory of the Joint-stock Company, and under strict compliance with the Health & Safety Requirements. Agreed time-terms for implementation of works were strictly observed.

EL KONTROL EOOD proved to have the machinery, special purpose vehicles and equipment, as well as highly-qualified managing and erection staff required for implementation of the tasks undertaken.

Based on the above stated, LUKOIL Neftohim Burgas AD issues the present Reference to EL KONTROL EOOD to ascertain that they are reliable and trustworthy partner of the Joint-Stock Company. This reference is to certify that we are contented with our cooperation with EL KONTROL EOOD.

The present Reference is issued to be submitted by EL KONTROL EOOD in tenders and procurement procedures.

Regards,

Chairman of the Management Board: S. M. Andronov
Signed: *(illegible)*
(Round seal of the Joint-stock Company LUKOIL Neftohim Burgas)

Pehlivanov
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