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AB "AMBER GRID"

TECHNICAL SPECIFICATIONS

**STEEL PIPES NECESSARY FOR THE PERFORMANCE OF CONSTRUCTION WORKS FOR
THE PART OF THE GAS INTERCONNECTION POLAND-LITHUANIA
IN THE TERRITORY OF THE REPUBLIC OF LITHUANIA**

We hereby invite and request the Suppliers to provide the Contracting Entity with their comments and proposals regarding the published Draft Technical Specifications by 29 June 2018 through the Central Public Procurement Information System (CVP IS).

1. OBJECT OF PROCUREMENT

1.1. The object of procurement shall include the insulated polymeric and non-insulated steel pipes for main gas pipelines. The pipes shall meet the following requirements:

1.1.1. be new, not used, manufactured not earlier than 2019;

1.1.2. comply with the requirements set out in Annex to the Technical Specifications and in the table below and be delivered within the time limits specified therein:

Table

External diameter (mm)	Wall thickness (mm)	Steel	Quantity (m)	Term of delivery and quantities
Design pressure of the gas pipeline 54 bar				
711 (for HDD sections)	12.5	L415 ME	3.000	No later than within 4 months after the date of the contract with the pipe supplier
711	8.0	L415 ME	124,300	1) At least 10 km but not more than 20 km – no later than within 3 months after the date of the contract with the pipe supplier; 2) At least 10 km but not more than 20 km – within the 4 th month after the date of the contract with the pipe supplier; 3) At least 20 km but not more than 30 km – within the 5 th month after the date of the contract with the pipe supplier; 4) At least 20 km but not more than 40 km – within the 6 th month after the date of the contract with the pipe supplier;

External diameter (mm)	Wall thickness (mm)	Steel	Quantity (m)	Term of delivery and quantities
				5) At least 20 km but not more than 40 km – within the 7 th month after the date of the contract with the pipe supplier; 6) Remaining quantity (not more than 45 km) – no later than within 4 months after the order date**
711	8.0 (non-insulated, for welding test pieces)	L415 ME	24*	No later than within 3 months after the date of the contract with the pipe supplier
711	8.8	L415 ME	9,130	No later than within 5 months after the date of the contract with the pipe supplier
711	11.0	L415 ME	13,570	At least 7 km – no later than within 5 months after the date of the contract with the pipe supplier; Remaining quantity – no later than within 6 months after the order date**
508	8.0	L415 ME	323	No later than within 4 months after the order date**
Design pressure of the gas pipeline 84 bar				
711	11,0	L485 ME	17,290	No later than within 4 months after the order date**
711	11.0 (non-insulated, for welding test pieces)	L485 ME	24*	No later than within 4 months after the order date**

Notes:

* The proposal of the Supplier shall include the price for the 24-meter long insulated pipes with wall thickness of 711 mm, but the length of the delivered pipes may be 24 ± 0.5 m. The payment shall be made for the actually delivered quantity of pipes at a rate of 1 meter referred to in the proposal/contract;

** The order shall be placed with the pipe supplier in accordance with the agreed schedule of works, but no earlier than 3 months after the date of the contract with the pipe supplier.

The supplier shall deliver the pipes in parts as per schedule in 2019-2021.

1.1.3. The length of the insulated steel pipes d711x8.0 mm shall be 15.5 ± 0.5 m, and the lengths of the non-insulated steel pipes d711x8.8 mm, d711x11 mm, d711x12.5 mm and d508x8 mm shall be 13 ± 0.5 m. The supplier may deliver maximum 5% of the total quantity of the pipes of each nomenclature, the length of which shall be at least 10 m;

1.1.4. Each pipe shall be additionally marked with a barcode (QR code) in at least four separate places of the pipe. The barcode shall identify the number of the steel pipe manufactured, the raw material, the technological parameters and the test parameters;

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- 1.1.5. The quantity of the purchased insulated and non-insulated steel pipes and other technical requirements shall be specified in Annex hereto;
- 1.1.6. Prior to the delivery of the pipes, the supplier shall provide the Contracting Entity with the barcode (BAR, QR) scanners (at least 10 pieces) free of charge for the use in pipe identification at the time of their acceptance and during the construction of the gas interconnection. Minimum requirements for the barcode scanner: cordless, memory of at least 300 scans, with a laser diode, computer connections: USB, Bluetooth, may have Wi-Fi, must read barcodes attached to the pipes on sale, power supply: accumulators or batteries, waterproof, resistant to shock, working temperature: up to -30°C. The scanner driver shall be supplied with a scanner or downloaded legally and without limitation.
- 1.2. The stated quantity of the Goods shall be indicative. The Contracting Entity shall be entitled to reduce or increase the quantity of the purchased Goods by no more than 5% of the specified quantity of the Goods.
- 1.3. The Contracting Entity intends (but does not undertake) to place orders for specific Goods once a month.
- 1.4. The Supplier shall deliver the Goods to the Contracting Entity at his own expense in accordance with the terms of DDP (Incoterms 2010) to the unloading sites (the number of which shall not exceed 10) indicated by the Contracting Entity in the following municipalities: Vilnius, Širvintos, Elektrėnai, Kaišiadorys, Prienai, Marijampolė, Lazdijai, Alytus district, Birštonas, within the deadlines specified in the table of clause 1.1.2 and the orders of the Contracting Entity. **The Goods shall be accepted and discharged on weekdays from 7.30 am to 4.30 pm.**
- 1.5. The Supplier shall, together with the Goods, provide the Contracting Entity with the pipe quality and test certificates and other relevant documentation.
- 1.6. The Supplier shall agree on the test dates with the Contracting Entity and shall provide its employees with all the conditions and the necessary access to the performed tests in order to ensure them that the tests and pipes meet the applicable requirements. The Contracting Entity's employees and/or third-party's quality inspectors (with a total of 3-5 people) shall be present during the manufactured pipe tests carried out in the pipe factory at the expense of the Contracting Entity.
- 1.7. This procurement shall not be divided into parts, therefore, the proposals shall be submitted in respect of the entire specified quantity of the Goods.
- 1.8. This procurement shall be partially financed by the funds of the European Union (hereinafter referred to as the **EU**) Financial Assistance. On 15 October 2015, AB "Amber Grid" and "GAZ-SYSTEM" S.A. have entered into the tripartite agreement with the EU Innovation and Networks Executive Agency (INEA) on the EU financial assistance for the financing of the project activities "**Construction of the gas interconnection Poland-Lithuania, including additional infrastructure**". More information: <https://ec.europa.eu/inea/en/connecting-europe-facility/cef-energy/8.5-0046-pllt-p-m-14>.

Annex: Technical requirements, page 21.

