

# **Construction of Gas Interconnection Poland–Lithuania in the Territory of the Republic of Lithuania (GIPL)**

## Table of contents

1. Procured works
2. Procurement procedure
3. Requests to participate
4. Qualification requirements
5. Right to perform works in Lithuania
6. Initial tenders
7. Negotiations
8. Final tenders
9. Tender evaluation criteria
10. Award of the contract

# Interconnection Poland-Lithuania (GIPL)

Draft of conditions



# Construction of Gas Interconnection Poland–Lithuania in the Territory of the Republic of Lithuania (GIPL) Draft of conditions

---

## Projected Gas Pipeline Route

Projected length of the route is about 165 km and the diameter is DN700.

**According to the engineering design, the projected gas pipeline will run through the territories of the following municipalities: Širvintos District, Vilnius District, Elektrėnai, Kaišiadorys District, Prienai District, Birštonas, Alytus District, Marijampolė and Lazdijai District.**

**Projected starting point of the Works / the connection point: Jauniūnai Gas Compressor Station's shut-off valves site located in Širvintos administrative unit (Širvintos District Municipality).**

**Projected endpoint of the Works: the Lithuanian-Polish border, Būdviētis administrative unit (Lazdijai District Municipality).**

There will be 2 gas pipeline sections with 2 different design pressures:

- 1) From Jauniūnai Gas Compressor Station (LT abbr. "DKS") to the gas Metering and Pressure Reduction Station (LT abbr. "DASRS") 148.26 km with design pressure of 5.4 MPa;
- 2) From DASRS to the PL/LT border – 17.24 km with design pressure of 8.4 Mpa.

*Explanation of abbreviations :*

Gas Compressor Station – hereinafter “DKS”

Gas Metering and Pressure Reduction Station – hereinafter “DASRS”

## Description of the prospective Gas Transmission Pipeline

- 1) MAOP between Jauniūnai DKS and DASRS is 5.4 Mpa;
- 2) MAOP between DASRS and the state (LT/PL) border is 8.4 MPa;
- 3) 19 block valve stations;
- 4) 2 pig launchers and 2 pig receivers, 2 sites;
- 5) 1 gas metering and pressure reduction station (275,000 nm<sup>3</sup>/h);
- 6) Gas pressure reduction station (400,000 nm<sup>3</sup>/h).

## Interconnections between the Gas Pipeline and Utility Lines

The projected gas pipeline will have 9 intersections with the existing gas pipelines, 3 intersections with pressure sewers, and 19 intersections with 110–400 kV overhead power lines (including 3 prospective lines).

At the intersections with car roads of state significance, the projected gas pipeline will have to be laid by a no-dig (trenchless) method in a protective casing. Casings on 2 motorways (A1 and A2) and all railroads (4) are intended to be filled with water-proof anti-corrosion materials. Intersections with other car roads of state significance will not be filled with water-proof anti-corrosion materials.

## Interconnections between the Gas Pipeline and Water Bodies

The projected gas transmission pipeline will cross two major rivers:

- The Neris River as one thread (about 500 m);
- The Nemunas River as two threads (about 700+700). A Horizontal Directional Drilling (HDD) river crossing method will have to be used.

Also, there will be about 100 intersections with smaller rivers and land reclamation ditches.

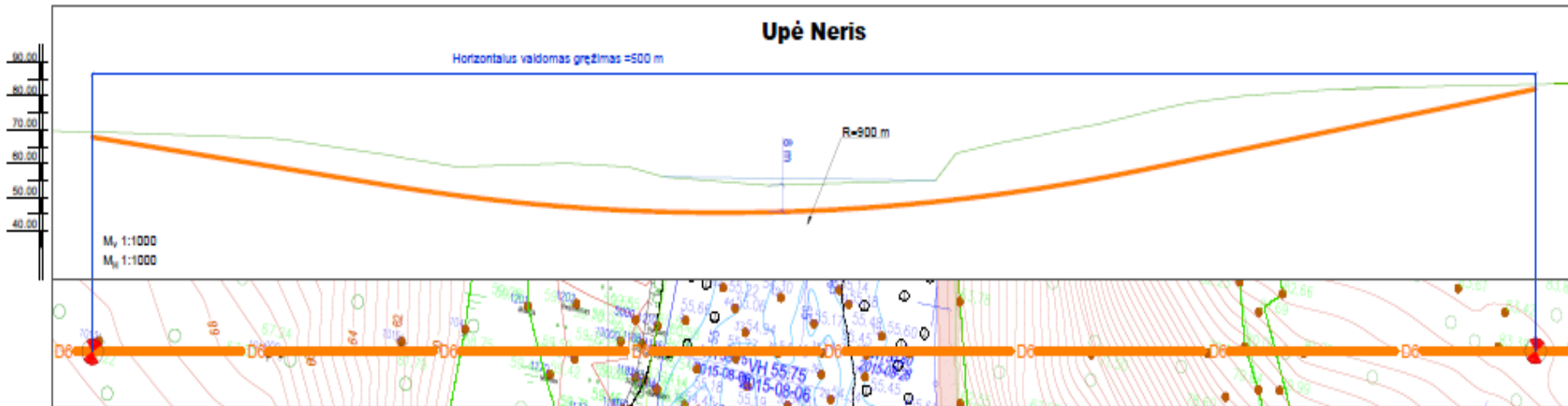
Swampy areas – about 4 km.

**Total gas pipeline route through the forest – about 23 km**

# Construction of Gas Interconnection Poland–Lithuania in the Territory of the Republic of Lithuania (GIPL) Draft of conditions

## Interconnections between the Gas Pipeline and Water Bodies

The Neris River

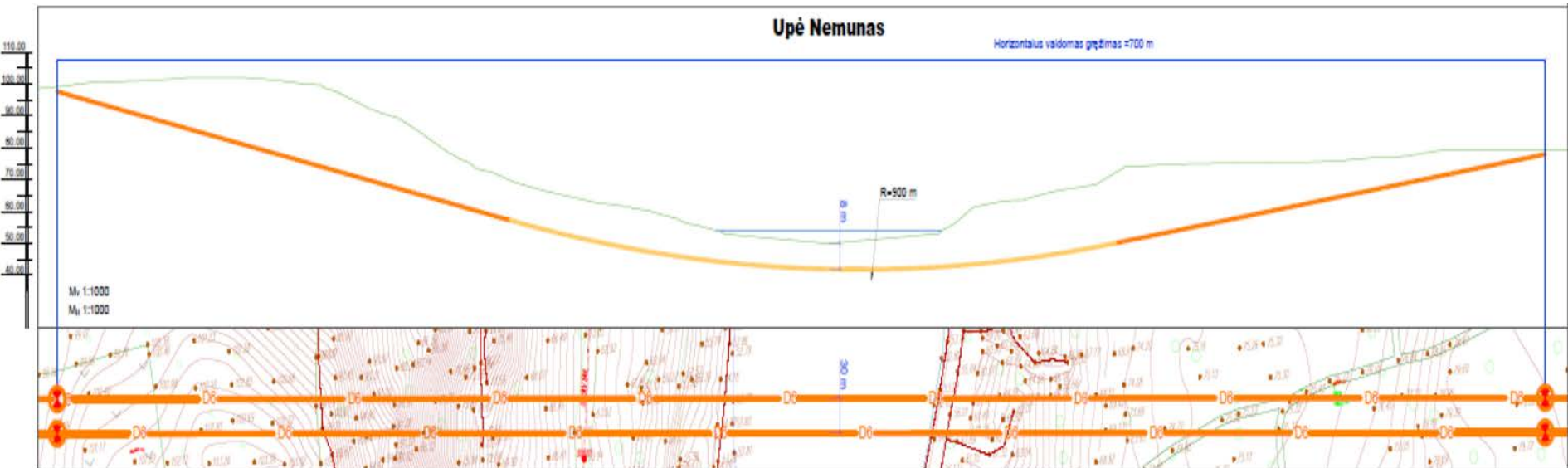




# Construction of Gas Interconnection Poland–Lithuania in the Territory of the Republic of Lithuania (GIPL) Draft of conditions

## Interconnections between the prospective Gas Transmission Pipeline and Water Bodies

### The Nemunas River



# STAGES OF CONSTRUCTION

No 1, Jauniūnai DKS

Draft of conditions

Stage I

No 6

Stage II

No 10

Stage III

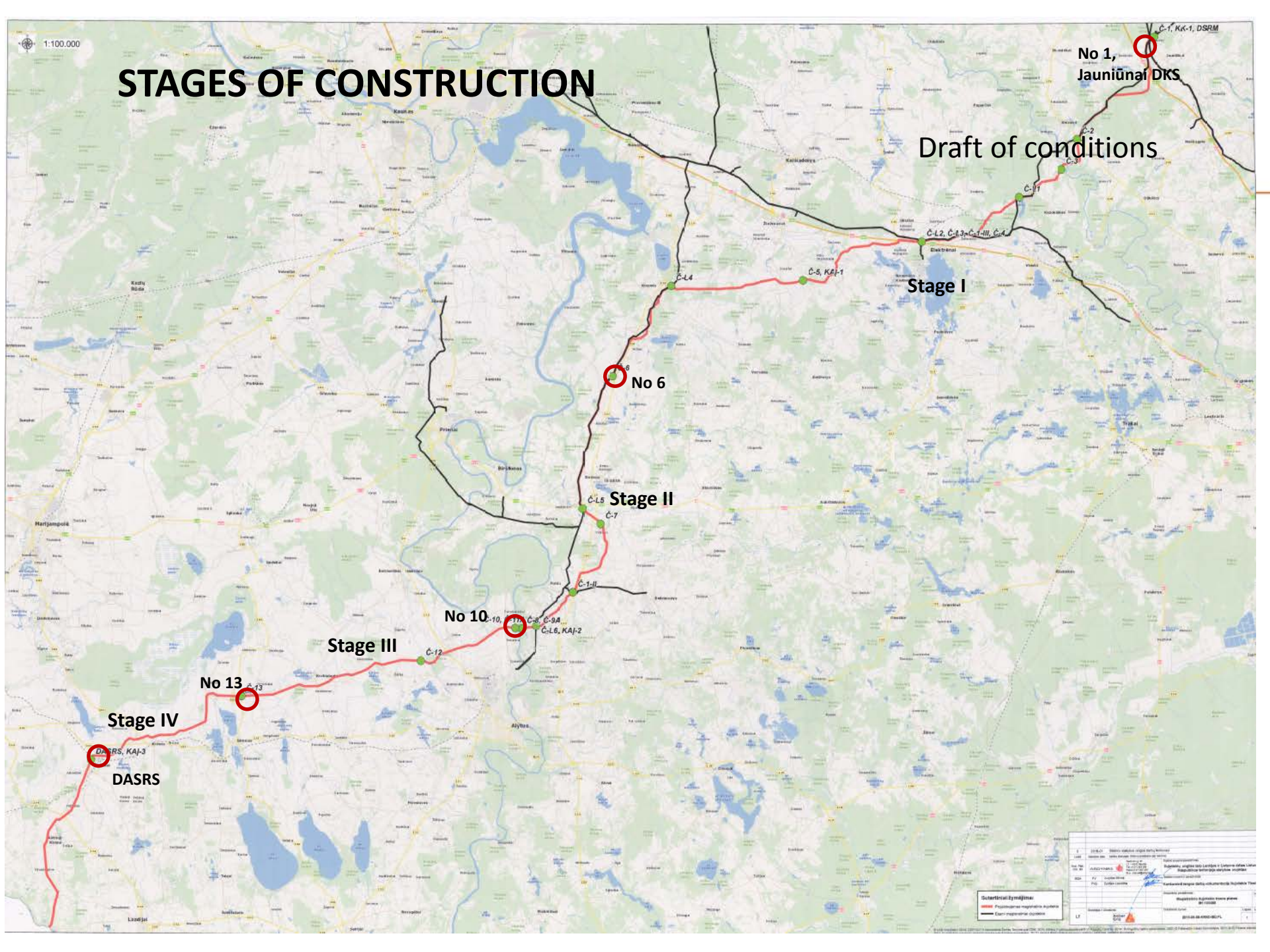
No 13

Stage IV

DASRS

**Sutarbiniai žymėjimai:**

- Propozicinis magistralinis apyvaizdas
- Esantis magistralinis apyvaizdas



# CONSTRUCTION STAGES

Draft of conditions

---

**Stage I: line block** valve sites No 1/Jauniūnai DKS÷6 73 km - **30 September 2020 but not earlier than by 1 March 2020.**

**Stage II:** valve sites No 6÷10 30 km - **31 December 2020 but not earlier than by 1 June 2020.**

**Stage III:** valve sites No 10÷13 26 km - **30 June 2021 but not earlier than by 1 March 2021.**

**Stage IV:** valve sites No 13÷DASRS/PL 37 km - **30 September 2021.** All pipeline installation and testing works for this phase shall be completed by 30 June 2021.

# Works to be procured

## Scope of Works (I)

Draft of conditions

- **AB „Amber Grid“ will provide with the following supplies of coated steel pipes required for the performance of Works:**

External diameter (mm)	Wall thickness (mm)	Steel	Quantity (m)
* supplier			
711 (HDD sections)	12.5	L415 ME	3000
711	8.0	L415 ME	124.300
711	8.0 (uncoated, for welding tests)	L415 ME	24
711	8.8	L415 ME	9.130
711	11.0	L415 ME	13.570
508	8.0	L415 ME	323
* supplier			
711	11.0	L485 ME	17.290
711	11.0 (uncoated, for welding tests)	L485 ME	24
711	17,5	L485 ME	50

- **The pipes shall be delivered to the pipe storage facilities (up to 10) chosen by and rented at the expense of the supplier.**
  - All other pipes, materials, products, and equipment necessary for the Works and specified in the engineering design shall be provided by the supplier.
- **The supplier shall undertake the risk of performance of all the work and provision of all the related services necessary for implementation of all solutions indicated in the basic design and detail design.**

## Works to be procured (2)

Draft of conditions

---

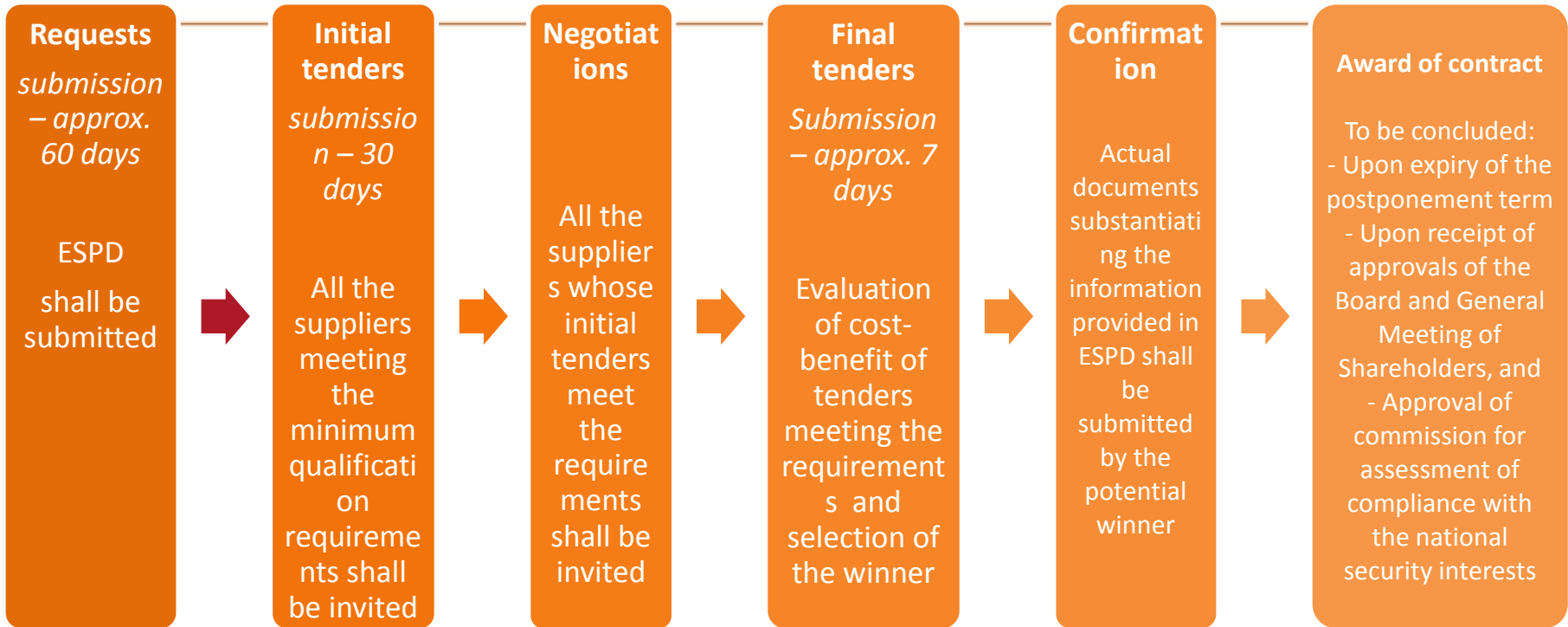
The components of the price for the **object of procurement** – construction works for the part of gas interconnection Poland-Lithuania in the territory of the Republic of Lithuania – are as follows:

[The components of the price for the object of procurement.docx](#)

# Procurement procedure

Negotiated procedure with prior contract notice

Draft of conditions



- All the communication and submission of requests, tenders shall be carried out exclusively by CPP IS means

# Requests for participation in the Tender

Preliminary requirements

Draft of conditions

- In order to be invited to submit an initial tender the supplier shall submit request to participate in the tender and :
  - A filled out and signed European Single Procurement Document (ESPD) filled by all consortium partners and other economic entities whose capacities are relied upon to meet qualification requirements.
  - Joint venture agreement (if applicable).
  - Power of attorney or any other document authorising person to submit a request for participation in the tender.

<https://pirkimai.eviesiejipirkimai.lt/login.asp?B=PPO>

# ESPD

## Coverage and provision of documents

Draft of conditions

- European Single Procurement Document (ESPD) is a self-declaration of the businesses' financial status, abilities and eligibility for a public procurement procedure.
- By submitting ESPD, the contractor will self declare the compliance to the following:
  - Absence of exclusion grounds;
  - Compliance with minimum qualification requirements.
- The supplier may refer to the capacities of other economic entities in order to comply with the qualification requirements only if entities relied upon will perform the works requiring respective capacities.
- The Contracting Entity has right to require actual documents substantiating the absence of exclusion grounds and the compliance with the qualification requirements at any stage of the procurement procedures.
- Actual documents confirming the absence of exclusion grounds and the compliance with the qualification requirements will be requested only from the potential winner after evaluation of final tenders.



# Exclusion grounds

Draft of conditions

- Judgement or criminal conviction in the course of past 5 years for the specified activities
- Judgement or conviction in the course of past 5 years for failure to pay taxes, including social insurance contributions or the supplier fails to pay taxes, including social insurance contributions (in the country of the supplier or Contracting Entity)
- Concluded agreements distorting competition for relevant procurement
- Conflict of interest
- Infringement of competition without possibility to remedy

# Exclusion grounds (2)

Draft of conditions

- Supplier has concealed information or provided false information on compliance or has failed to provide documentary evidence during this procedure or has been excluded during previous procedures
- Unlawful actions taken to influence the contracting entity in order to influence Contracting entity, obtain confidential information, get unfair advantage
- Failure to fulfil prior procurement or concession contract in the course of past 3 years, where it was a material breach of contract, where it was terminated or performed with significant and persistent deficiencies
- A professional infringement with involving administrative or economic sanctions for infringements of financial reporting and audit legal acts within 1 year

# Qualification requirements

## General Qualification Requirements

Draft of conditions

1. Certified licence to be a contractor for the construction of a structure of exceptional significance and carry out construction works (installation) of transmission gas pipelines

2. The supplier shall have the right to carry out the following works necessary for the construction of the structure of exceptional significance and other works:

- a) electrical engineering (including process control and automation, remote communications (telecommunications);
- b) alarms;
- c) general construction works (including earthwork);
- d) installation of the engineering systems of the structure;
- e) deforestation;
- f) preparation of a land-reclamation structures project and land-reclamation work;
- g) archaeological investigation

<https://www.spsc.lt/cms/>

3. The supplier or chosen **sub-supplier** has the right to carry out works for the repairs and testing of the transmission gas pipeline

# Qualification requirements (2)

## Requirements for economic and financial state

Draft of conditions

1. Average annual turnover from all activities during last 3 financial years is at least EUR 30 000 000
2. Current liquidity ratio for the last financial year (ratio of current assets and short term liabilities) – at least 1.2
  - The requirement of average annual turnover shall be met by all consortium partners (one, or a few, or all of them)
  - The requirement of current liquidity ratio – by all partners by summing up their capacities
  - If the supplier refers to the capacities of other economic entity in order to meet these requirements the supplier and such economic entity must assume joint and several liability for the fulfilment of the Procurement Contract by submitting a performance warranty issued by such economic entity to the capacity of which the supplier refers

# Qualification requirements (3)

## Technical and professional capacity requirements

Draft of conditions

**During the last 5 years the supplier shall have properly performed at least:**

1. 1 but not more than 3 contracts with total value of at least **EUR 15 million** under which at least **1 main gas pipeline** was constructed with pipeline diameter of at least **700 mm**, length of at least **30 km**,
2. 1 but not more than 2 contracts with total value of at least **EUR 500 000** under which at least **2 linear valves** of at least **700 mm** in diameter of the main gas pipeline have been installed or reconstructed
3. 1 but not more than 2 contracts with total value of at least **EUR 2 million** under which the following was constructed or reconstructed:
  - a) At least 1 gas metering and gas pressure reducing station, or
  - b) gas distribution station
4. 1 contract with value of at least **EUR 1 million** under which at least 1 section of pipeline of at least **700 mm diameter** with the length of at least 50 m was constructed by horizontal directional drilling (**HDD**) **method**

# Qualification requirements (4)

## Technical and professional capacity requirements (II)

Draft of conditions

Shall have and propose at least the following specialists:

- 1 construction manager of a structure of exceptional significance**, qualified in the area of construction of main gas pipelines and equipment thereof (structures: engineering networks: gas) and with the experience of at least 3 years in construction or reconstruction of main gas pipelines and equipment thereof – *mandatory Lithuanian language (level C1) or an interpreter*
- At least 3 (three) managers of special operations of a structure of exceptional significance** qualified in the area of the construction of transmission gas pipelines and their installations and having at least 2 (two) years of experience in the construction or reconstruction of transmission gas pipelines and their installations in the capacity of a manager of special construction operations. All these specialists must be certified in structures engineering works: gas; work area: construction of gas networks.
- 16 welders**, certified in accordance with the standard LST EN ISO 9606-1:2013 (or equivalent) and having experience of at least 2 years in welding of pipelines of 16 bar or higher pressure or other pressure equipment

# Qualification requirements (5)

## Technical and professional capacity requirements (III)

Draft of conditions

### Shall have and propose at least the following specialists:

- 4. 1 design manager**, qualified in the area of design of transmission gas pipelines and their installations (structures: engineering networks: gas) who has at **least 3 (three) years of work experience** and who has performed the functions of a project manager in the preparation of at least 1 (one) technical, technical working, or working design of the **new construction or reconstruction of a linear section of transmission gas pipelines** (pipeline with shut-off devices), under which a construction permitting document must be obtained and the working design must be approved by the Customer (with the mark “Construction approved”) – *mandatory Lithuanian language (level C1) or an interpreter*

# Qualification requirements (6)

## Technical and professional capacity requirements (IV)

Draft of conditions

### Shall have and propose at least the following specialists:

6. **1 manager of a part of the engineering design**, qualified in the area of the design of transmission gas pipelines and their installations (structures: engineering networks: gas; project parts: gas pipeline, electrical engineering, electronic communications (telecommunications) process control and automation) who has performed the functions of a project part manager in the preparation of at least 1 (one) basic design, basic-detail design, or detailed design of the **new construction or reconstruction of a transmission gas pipeline**. The basic design or the detail design shall have resulted in obtaining a construction permit , and the detail design must have been approved by the Customer (with the mark “Construction approved”)

- The same specialist may be proposed for both positions of design



# Qualification requirements (7)

## Technical and professional capacity requirements (V)

Draft of conditions

### Shall have and propose at least the following specialists:

7. **2 qualified work superintendents**, who have the right to manage the work of the construction of natural gas transmission system pipelines near an operating transmission gas pipeline
8. **8 qualified specialists (workers)**, who have the right to perform the work of the construction of natural gas transmission system pipelines near an operating transmission gas pipeline
9. **2 qualified specialists (workers)**, who have the right to perform geodetic measurements and draw up cadastral data files

### The supplier shall have the management systems implemented:

10. **Quality management** system (ISO 9001 or equivalent standard)
11. **Environmental protection management** system (ISO 14001 or equivalent standard)

# Right to perform works in Lithuania Draft of conditions

## Right for foreign suppliers to perform construction and engineering design works in Lithuania

---

Suppliers from the EU States and Switzerland shall obtain documents proving the right to perform **construction or design** works in Lithuania (i) by *implementing the procedures of recognition of their rights* held in their EU State or Switzerland or (ii) *by obtaining a new certificate under Lithuanian legislation (issued by SPSC)*

This is applicable to both the supplier (sub-supplier) and its specialists performing the construction works

Supplier or **sub-supplier that** has the right to carrying out works for the **repairs and testing** of the transmission gas pipeline will have to obtain a certificate (*issued by VEI*)

The specialists carrying out **works near an operating transmission gas pipeline** will have to obtain certificates of energy workers (*issued by VEI*)

# Right to perform works in Lithuania (2)

Right of foreign specialists to perform construction and design works in

Lithuania (II)

Draft of conditions

In order to **recognise** their rights to perform respective construction or design works the **Contractor** (legal person) has to submit:

1. *A written application to recognise the right to perform respective works*
2. *Documents of qualification and establishment in the country of origin certified by Apostille or other mean;*
3. *Information about the Contractor (under approved form)*
4. *Information about Contractor's employees (under approved form)*
5. *Information about Contractor's performed works relevant to constructions of exceptional significance or design (under approved form)*
6. *A written declaration on insured events, quality assurance, accidents, and etc.*
7. *Approved translations of all abovementioned documents to Lithuanian*

# Rights to perform works in Lithuania (3)

Rights of foreign specialists to perform construction and design works in

Lithuania (III)

Draft of conditions

In order to **recognise** their rights to perform construction or design works the Contractor's **specialists** will have to:

1. *Submit a written application to recognise the right to perform respective works*
2. *Submit documents as annexes to the request (copies of diplomas, passports, CV, etc.)*
3. ***Pass the exam on respective national legal requirements***

- Legal exam is held at Statybos Produktų Sertifikavimo Centras in Lithuanian, an interpreter can be hired

# Right to perform works in Lithuania (4)

Right to carry out works for the testing of the transmission gas pipeline and near an operating transmission gas pipeline

Draft of conditions

In order to **obtain** right to carry out works for the testing and repairing of the transmission gas pipeline the **Contractor** shall submit:

1. *A written application*
2. *A list of works intended to carry out*
3. *A list of technical documents, norms, procedures, etc. necessary to carry out works in question*
4. *A list of owned technical, technological equipment and devices and personal safety measures necessary to carry out works in question*
5. *A statement about assessment of managers, specialists and workers to carry out the respective works*
6. *Information about equipment and devices to be rented to carry out respective works (if applicable)*

# Right to perform works in Lithuania (5)

Right to carry out works for the testing of the transmission gas pipeline and near an operating transmission gas pipeline (II)

Draft of conditions

**In order to perform works near an operating transmission gas pipeline, the **specialists** must **obtain** certificates of energy workers**

- 1. Posses the certificates, which are issued by respective bodies having such right or by supplier (if applicable)*
- 2. Comply with general and specific qualification requirements, specific knowledge of energy equipment operation, fire prevention, personal safety and respective legal requirements of the candidates will be checked*

<http://vei.lrv.lt/en/>

# Initial tenders

Intended requirements

Draft of conditions

---

- **Only the suppliers who submitted compliant requests and meet the qualification requirements, shall be invited to submit initial tenders**
- **Tender security of EUR 1 million shall be provided together with the initial tender**

# Negotiations

Tentative requirements list

Draft of conditions

---

- **The suppliers, who have submitted initial requests in compliance with the requirements, shall be invited to the negotiations**
- **AB “Amber Grid” will be entitled to negotiate any terms of procurement save for:**
  - compliance of the works, materials, and equipment with the standards of technical specifications (Annexes C and D to the Terms and Conditions) and normative requirements of legal acts
- List of non-negotiable conditions may be a subject to change



# Final proposals

Intended requirements

Draft of conditions

---

- **Upon completion of the negotiations, the suppliers which have not been dismissed shall be invited to submit their final tenders**
- **The terms and conditions of the final tender shall not be worse than those fixed in the initial tender and minutes of negotiations**
- **Tenders meeting the requirements shall be evaluated in accordance with their economic advantageousness**

# Proposal evaluation criteria

Draft of conditions

## Evaluation criteria for the most economically advantageous tender

Criterion	Weight
Price	84
Efficiency of the project management plan	15
Salary for contract staff	1

The plan shall cover the following matters (generalized):

- team of the proposed specialists, distribution of functions, suitability and benefits thereof
- Work implementation plan and its benefits in relation to effective implementation of the contract
- Risks, which could affect appropriate implementation of the procurement contract and the means of risks management
- Other information

# Award of the procurement contract

Intended requirements (II)

Draft of conditions

---

- **Procurement contract shall be awarded to the supplier whose final proposal has the best price-quality ratio**
- **Procurement contract shall be awarded :**
  - Upon expiry of the postponement term
  - Upon receipt of the approval of the Board and General Meeting of Shareholders of AB „Amber Grid“
  - Upon receipt of the approval of commission for assessment of compliance with the national security interests

# ***Implementation of the GIPL project in the territory of Lithuania***

Draft of conditions

Task Name	Start	Finish	Scheduled Duration
<b><i>Implementation of the GIPL project in the territory of Lithuania</i></b>		<b>Fri 21.12.31</b>	<b>1215 days?</b>
<b>Publication of a Public Tender Notice for the procurement of Works</b>	<b>Tue 18.05.15</b>	<b>Tue 18.05.15</b>	<b>0 days</b>
<b>Deadline for submission of requests for participation in the Tender</b>	<b>Mon 18.07.09</b>	<b>Mon 18.07.09</b>	<b>0 days</b>
<b>Pre-selection of potential contractors and invitation to submit initial tenders for Works</b>	<b>Fri 18.07.13</b>	<b>Fri 18.07.13</b>	<b>0 days</b>
<b>Deadline for submission of initial tenders for Works</b>	<b>Thu 18.08.23</b>	<b>Thu 18.08.23</b>	<b>0 days</b>
<b>Analysis and evaluation of initial Tenders and invitation of Contractors to negotiations on Works Contract</b>	<b>Thu 18.09.20</b>	<b>Thu 18.09.20</b>	<b>0 days</b>
<b>Deadline for submission of initial tenders for Works according to corrected Terms of Reference</b>	<b>Tue 18.10.30</b>	<b>Tue 18.10.30</b>	<b>0 days</b>
<b>Deadline for submission of final tenders for Works</b>	<b>Tue 18.12.04</b>	<b>Tue 18.12.04</b>	<b>0 days</b>
<b>Analysis and evaluation of Contractors' tenders and invitation to the Winning Contractor to submit documentary proof of his qualifications</b>	<b>Mon 18.12.17</b>	<b>Mon 18.12.17</b>	<b>0 days</b>
<b>Deadline for submission of documentary proof of the Winning Contractor's qualifications</b>	<b>Fri 18.12.28</b>	<b>Fri 18.12.28</b>	<b>0 days</b>
<b>Deadline for examination and evaluation of the documentary proof of the Winning Contractor's qualifications and receipt of the findings of the verification of the winning Contractor's compliance with national security interests</b>	<b>Thu 19.01.24</b>	<b>Thu 19.01.24</b>	<b>0 days</b>
<b>Notice of tender rankings and the Winning Tenders</b>	<b>Thu 19.02.07</b>	<b>Thu 19.02.07</b>	<b>0 days</b>
<b>Award of Contracts for the procurement of Pipes and Works</b>	<b>Fri 19.03.01</b>	<b>Fri 19.03.01</b>	<b>0 days</b>

---

AB "Amber Grid"  
Savanorių pr. 28, LT - 03116, Vilnius  
Tel. (8 5) 000 0000  
[www.ambergrid.lt](http://www.ambergrid.lt)

