

Open Tender “For Services of technological supervision of Inčukalns underground gas storage operation in 2020 -2022”. PRO-2020/139

Request for Clarification UGS-01/2020

1. Is the monitoring system developed by VNIIGAZ only used for monitoring (data acquisition) or does it include also software modules for gas dynamic 3D modelling and forecast calculation?

TECHNICAL SPECIFICATION For providing services of technological supervision of Inčukalns Underground Gas Storage operation in 2020-2022. P.2.3. “Monitoring results of the storage and recommendations for adjustment of the monitoring program (if necessary)” involves analysis of monitoring results (geophysical, geochemical, field) and corrections and additions to the program if necessary. The results of the analysis are used to perform p.2.4.

2. Do you expect that Contractor develops his own software modules for forecast calculation and 3 D gas dynamic modelling or shall the Contractor use the available system developed by VNIIGAZ?

3D gas-dynamic modelling is provided in p.3. "Technical Specifications". The contractor will be provided with the existing gas-dynamic model (Eclipse100) and the geological model developed in Petrel.

For forecast calculations the Contractor can use both 3D gas-dynamic model and any software product (balance model) which is convenient for the Contractor.

3. If the Contractor shall run the existing software developed by VNIIGAZ – what are the system requirements (hardware and software) to run the system?

The contractor can work in any available version of Eclipse100 and Petrel, but the simulation results sent to the customer must be converted to Eclipse100 (2007) and Petrel (2004).

4. If you expect that Contractor develops his own software modules, what time frame is available for the development period of such a system?

The contractor shall develop its own software modules (balance models) at its own discretion and within the terms acceptable to it, but forecast calculations shall be made within the terms specified in the Technical Specification.