LETTER OF REFERENCE

GLAVBOLGARSTROY JSC issue this Letter of Reference to CHIMCOMPLECT ENGINEERING COMPANY to certify that during the mutual participation at Bulgartransgas EAD Tender procedure with Order Number 110-077, the joint venture Glavbolgarstroy and Chimcomplex Engineering Company was selected as a Contractor for the following Investment:

Modernization of Compressor Stations "Ihtiman", "Strandja", "Lozenets" and "Petrich" through Integration with 6/six/ new low emission Gas Turbine Compressor Aggregates"

Description of Contractual Obligations:

1. Feasibility Study and Supply of necessary input data for the implementation of the Investment project "Modernization of Compressor Stations "Ihtiman", "Strandzda", "Lozenets" and "Petrich" through Integration with new low emission Gas Turbine Compressor Aggregates";

2. Performing and Submission to the Investment project with Basic /Technical/ Design and Detailed Design to respective phase / in Bulgarian language/; 15 Engineering Project Parts;

3. Coordination and Approval of the Investment project of each phase by the Investor "Bulgartransgas" EAD, Engineer Consultant of the Project and Independent Construction Supervision Agency, cooperation with the Contractor in Coordination procedure with State Control Authorities;

4. Preparation and compound of Construction papers-dossier, performing of execution documentation, executive drawings, cadastral survey and coordination activities during acceptance and putting in operation of the construction objects.

5. Implementation of Author’s Supervision during the Project Construction.

In the phases Basic/Technical/ Design and Detailed Design the following parts were performed and coordinated with the respective Authorities:

1. Process /technology/
2. Mechanical and piping
3. Mechanical-Structural Documentation /MSD/
4. Architectural
5. Structural
6. Heating, ventilation, air conditioning and other tower energy sources
7. Electric and cathodic protection
8. Instrumentation of technological processes
9. Water and Sewerage on the side. Internal water and sewerage installations
10. Geodetic. Layout and vertical planning
11. Design of Construction Execution Organization
12. Fire Safety
13. Environmental protection – ecological decisions
14. Engineering-geological surveys
15. Plan for Health and Safety Work

In the frame of the project 4 new footprints were designed and were integrated with the existing facilities.

**Compressor Station “Ihtiman” – 1 new low emission Gas Turbine Compressor Aggregate**
Power of Gas Turbine Engine - 8.53 MW, power of Compressor -
Operating pressure- input pressure 37.2 bar, output pressure - 54 bar

**Compressor Station “Lozenets” – 2 new low emission Gas Turbine Compressor Aggregates**
Power of Gas Turbine Engine - 8.2-9.0 MW each, power of Compressor – 7.0 MW each
Operating pressure- input pressure 42.5 bar, output pressure - 55 bar

**Compressor Station “Strandzda” – 2 new low emission Gas Turbine Compressor Aggregates**
Power of Gas Turbine Engine - 8.2-9.0 MW each, power of Compressor – 7.0 MW each
Operating pressure- input pressure 42.5 bar, output pressure - 55 bar

**Compressor Station “Petrich” – 1 new low emission Gas Turbine Compressor Aggregate**
Power of Gas Turbine Engine - 8.2-9.1 MW, power of Compressor – 4.5-6.0 MW
Operating pressure- input pressure 37-40 bar, output pressure - 54 bar

**Chimcomplekt Engineering** professional staff has taken active and responsible position in deciding of all technical and procedure problems occurred on the separate stages of the project and performed its obligations under the contract. Submitted documentation by Chimcomplekt Engineering entirely corresponds to the requirements of European Standards in design.

The engineering services performed by **Chimcomplekt Engineering Company** under the contract for the project **Modernization of Compressor Stations "Ihtiman", "Strandja", "Lozenets" and "Petrich" through Integration with 6/six/ new low emission Gas Turbine Compressor Aggregates** provided the issue of Construction Permits and successful coordination with the Construction process.

In view of the aforementioned we presume ourselves of the opportunity to recommend Chimcomplekt Engineering Company as a trustworthy partner.

This Letter of Reference may be presented by the Company to different Tenders and Competitions.

*Deputy Executive Director*
*Glavbolgarstoy Holding*
*General Project Manager*

/Eng. Christo Kisev/