

The powerful intellectual potential, high qualification and wide experience of experts of the IOT Design Department, continuous perfection of design process, application of state-of-the-art technologies or equipment guarantee a high quality of design products or services at any stage of development process, from concept development to registration of final materials.

### **THE WORKS WE PERFORM**

#### **INTEGRATED DESIGNING**

(concept development - feasibility study - draft and detailed designs)

- main pipelines of any purpose;
- oil pumping stations;
- tank farms;
- distributing points;
- onshore and marine transshipment complexes;
- gasoline stations;
- other facilities included in the infrastructure of pipeline transport, industrial and civil structures;
- fire-prevention and electrochemical protection systems;
- communication facilities, systems of power, heating, gas supply, air conditioning and other engineering services;
- computer-aided monitoring systems or process and facility automated control systems;
- measures on prevention of environmental contamination with oil and oil product, on energy saving and labour safety.

#### **ENGINEERING SURVEYS**

- topographical survey, including operational survey of existing facilities;
- engineering, geological and hydrological surveys during designing, construction and operational periods;
- laboratory research of soils for defining their physical and mechanical characteristics.

#### **TECHNICAL INSPECTION OF**

existing facilities of oil-and-gas industry, including assessment of their environmental impact

and development of recommendations on their repair, reconstruction or upgrading.

**TECHNICAL SUPERVISION OVER CONSTRUCTION.**

**TECHNICAL AND ECONOMIC RESEARCH AND MARKETING SURVEYS**

on a wide spectrum of problems related to functioning and progress of oil-and-gas industry, including:

- technical and economic calculations;
- investment feasibility studies;
- drafting of business plans.

**DEVELOPMENT OF NORMATIVE DOCUMENTATION, NON-STANDARD ENGINEERING SOLUTIONS, ENERGY SAVING AND ECOLOGICALLY CLEAN TECHNOLOGIES FOR OIL TRANSPORTATION INDUSTRY**

**CREATION OF DATABANKS BASED ON GEOINFORMATION TECHNOLOGIES**