CONSTRUCTION ASSOCIATION
INTERBUDMONTAZH
Construction Association Interbudmontazh is an association of companies specializing in various areas of industrial and civil construction.

Construction Association Interbudmontazh was established to perform large-scale and complex projects that require established mechanisms of interaction between construction companies and modern concepts of management, efficiency of doing construction.

History of the company dates back to 1993, when the first construction project was finished.

The successful implementation of complex and challenging projects over the years has led to an increase in the volume of work, the geographical expansion of the construction, the development of new activities. Long-term competitiveness of the company supported by high level of competence of management, many years of experience of employees and a strong production base.

The company employs qualified engineers and workers, production capacity includes more than 2,100 units of construction equipment from leading manufacturers, as well as mobile household towns, snap, formwork, rigging.
SPHERES OF ACTIVITY

**Industrial construction and civil engineering**
Administrative buildings, residential buildings, industrial projects

"Interstroymontazh" LLC
"Kievbudinvest" JSC
"HOSA Interbudmontazh"

**Construction of infrastructure facilities**
Construction of outdoor facilities, water units, sewerage pumping stations; industrial pipelines construction

"HOSA Interbudmontazh"
"BU-9 Poltavaftogasbud"

**Complex design**
Above and underground projects

"Ukrspetstunnelproekt" JSC

**Transport facilities construction**
Construction of motor roads, highways, bridges and viaducts

"Transstroymehanizatsiya” JSC
“TSM” LLC

**Underground construction**
Construction of various purpose tunnels, bearing and enclosing structures

“Interbudtunnel” JSC
“IBT” LLC

**Other types of activity**
GEOGRAPHY
OF ACTIVITY
1. Integrated design, including design of objects located in areas with high seismic activity and with complex geotechnical conditions:
   - engineering and geological engineering;
   - architectural and structural design of residential and public buildings, industrial buildings, transportation, hydraulic engineering, energy engineering constructions;
   - construction of load-bearing structures;
   - design of internal engineering networks, systems and facilities

2. Engineering services

3. Civil works:
   - construction of bases and foundations, including those in difficult geological conditions;
   - construction of embankments and dams;
   - dewatering, including construction of deep foundation drainage;
   - construction of monolithic concrete and reinforced concrete structures of buildings, water tanks and sewage treatment plants;
   - stone works;
   - roofing;
   - finishing works;
   - restoration and artistic works, restoration of monuments

4. Environmental works:
   - banks stabilization;
   - erosion control works;
   - land reclamation
5. Mounting and special works:

- installation of metal structures of one- and multistoried buildings, capacitive structures, bunker flyovers and galleries;
- installation of precast concrete buildings and structures;
- construction of bearing and enclosing structures of buildings;
- works on water supply networks, sewerage, heating, gas and electricity;
- construction of communication networks, telecommunications and signaling;
- installation of process equipment, monitoring and automated control;
- works on waterproofing and corrosion protection of structures and pipelines;
- insulation works on thermal isolation for walls, pipelines and thermal units;
- construction of metal girt structures and supports for railway, road, urban and pedestrian bridges, overpasses and galleries;
- construction of concrete and reinforced concrete bridges, viaducts and culverts;
- construction of railway tracks;
- construction of road foundations and coatings;
- construction of railway electrification and communication lines;
- construction of transport tunnels and communication collectors;
- construction of subways;
- construction of main oil pipelines from 2 to 48;
- laying gas pipelines of high, medium and low pressure;
- construction of compressors and pumping stations;
- construction of gas distribution and gas pressure regulating stations;
- construction, reconstruction and repair of oil and gas facilities and gas supply networks;
- quality control of welded joints of different methods;
- insulation works on pipelines
One of the structural units of Construction Association Interbudmontazh is company "Interbudtunnel", which performs construction and installation of various underground structures, tunnels, engineering and transport networks, as well as bearing walling of buildings.

The company performs tunneling for various purposes in areas of high seismicity and difficult geological conditions, as well as continuous improvement of tunnels.

The company employs highly skilled professionals with years of experience in metro construction.

Modern equipment from world manufacturers and high level of scientific and technical training, allow the company to qualitatively and timely implement large-scale construction projects.
Much attention is paid to the introduction of a new approach to solve the problems of modern civil engineering. The company’s specialists are constantly developing and patenting new technological and design solutions.

To respond quickly and eliminate any abnormality, a special militarized rescue service (SVASS) was created, equipped with the necessary facilities and modern appliances.
CONSTRUCTION OF DRAINAGE AND COMMUNICATION TUNNEL WITH A DIAMETER OF 6 M IN ASHGABAT

Construction project is a system of surface and underground facilities that will solve a number of complex issues in Ashgabat, namely to reduce level of groundwater; improve the reliability of urban sewerage systems, water supply, electricity, telecommunications and their operation; use of surface water for irrigation. Construction of drainage and communication tunnels is carried out in an area of high seismic activity.

The project envisages the construction of a tunnel with a diameter of 6 m, length of 16500 m, two waste tunnels with diameter of 3.5 m, length of 13820 m.

During the construction, three mechanized tunnel complexes produced by German company "Herrenknecht AG" are used, two for 6 m diameter and one for 3.5 m diameter. Construction of 22 process chambers was performed by the "wall in the ground" method. The chambers with radial drainage are constructed with installation in drains of 200 mm diameter pipe filters of polymeric materials resistant to corrosion. Radial drainage wells are constructed from process chambers with horizontal drilling.

The internal arrangement of tunnels is made of universal rings for the rotation of the tunnel in plan and profile.
CONSTRUCTION OF UNDERWATER CABLINGS UNDER KARAKUM RIVER

Construction of two cablings is finished, that provide pass of sewage and drainage water through the Karakum River to the treatment plant.
CONSTRUCTION OF BESKYD TUNNEL

Major construction volumes

Tunnel length (including portals) ............................................. 1822 m
Tunnel length ....................................................................................... 1764.5 m
Number of railway beds .............................................. 2 (double-track)
Face square (output) in the construction...................................................120 m²
Total amount of concrete, including ...................................... 81 872 m³
  - Shotcrete (sprayed) concrete (primary tunnel lining) ......................... 33 224 m³
  - Concrete (secondary tunnel lining).....................................................48 648 m³
Total number of reinforcement, including.......................... 7171 tons
  - Arches (primary tunnel lining)............................................................ 2405 tons
  - Reinforcement cages (secondary tunnel lining) ................................ 4766 tons
Tunnel excavation is carried out in two ledges; at first excavation is conducted at upper ledge (calotte) for the entire length of the tunnel, then excavation of the lower ledge.

In tunneling, the following methods of work are used:
- in the cut-in area and in the area of significantly cracked rocks – excavation by excavator with a hydraulic hammer;
- in the main section of the tunnel - drilling and blasting method (for hard rock) and using the tunnel boring machine (for medium strength rocks).

Tunneling technology provides maximum mechanization and automation of labor-intensive processes of the mountain massif excavation and arrangement of temporary lining. For anchor lining, Sandvik drilling rig capable of performing multiple operations is used: drilling holes, setting anchors and installation of reinforcing arches and frames for temporary lining. Application of shotcrete temporary lining to the excavated surfaces is performed with Sika unit on pneumatic tires. Modular permanent tunnel lining is made using a mobile metal formwork. Delivery of concrete is performed with mixer trucks in the tunnel. Its laying behind the formwork is made with concrete pump CIFA.
Division of Construction Association “Interbudmontazh”, company “HOSA Interbudmontazh”, performs a wide range of works on the construction of infrastructure. For this purpose, there are all the necessary construction machinery and equipment, new construction technologies are widely used.

Experience of infrastructure construction includes the following completed projects:

- Construction of engineering networks, water supply and sanitation;
- Construction of water hubs;
- Construction of sewage pumping stations;
- Construction of sewage treatment facilities;
- Construction of telephone lines and communications;
- Construction of pedestrian underpasses.
Construction of engineering systems and water supply networks:

- sewers of reinforced concrete pipes with a diameter of 1200 mm - 2 km;
- sewers of glass polyester pipes with diameter of 300 - 800 mm - 86.638 km;
- conduits of glass polyester pipe systems "Amiantit" with diameter of 200 - 400 mm - 69.7 km;
- high-pressure gas pipelines of pipes with diameter of 200 mm and 300 mm - 18, 252 km;
- telephone lines - 137 km.
Construction of water hubs, sewage pumping stations and sewage treatment facilities:

- water hub with total capacity of 10 m³/day. - 1 pc.
- water hub with total capacity of 25 m³/day. - 3 pcs.
- sewage pumping station with capacity of 50 m³/day. - 1 pc.
- sewage treatment plants with capacity of 50 m³/day. - 1 pc.
- sewage treatment plants with capacity of 300 m³/day. - 1 pc
SU-9 "Poltavneftegazstroy" has all the facilities needed for the independent exercise of full range of construction works.

Production capacity and skilled human resources of the company allow to simultaneously work on several major construction projects.

SU-9 "Poltavneftegazstroy" implements projects related to construction:

- Main oil and gas pipelines;
- Pump and compressor stations;
- Storage of oil and gas;
- GEA refinery gas processing complexes;
- Field development
Over time the company has built:

- More than 2500 km of pipelines from 4” to 56”;
- 6 gas distribution stations;
- 2 pumping stations;
- Reconstruction of 2 refinery plants;
- 2 pumping stations;
- 16 gas fields.
Being a part of the construction association "Interbudmontazh", a company "Transstroymekhanizatsyia" performs the reconstruction and repair of the following transport infrastructure objects:

- highways with service objects;
- artificial structures, including bridges, overpasses, culverts, retaining walls

Road building units have modern equipment for the construction and repair of highways with advanced resource and environmentally friendly technologies.

The organizational structure of the company is mobile, has highly qualified specialists, it is focused on the rapid deployment of large volumes, as the place of permanent deployment, and shifts in remote regions.

The company "Transstroymekhanizatsyia" incorporates experienced graduates with years of experience in the construction of transport facilities in different climatic conditions, including the Far North and the countries of Africa.
### Major equipment and machinery for road construction:

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>asphalt plant</td>
<td>6 pcs</td>
</tr>
<tr>
<td>plant for concrete mixing CP-50</td>
<td>2 pcs</td>
</tr>
<tr>
<td>grader</td>
<td>8 pcs</td>
</tr>
<tr>
<td>asphalt layer &quot;VOGELE&quot;</td>
<td>5 pcs</td>
</tr>
<tr>
<td>heavy roller 7-24 t</td>
<td>22 pcs</td>
</tr>
<tr>
<td>vibratory road roller rink light</td>
<td>2 pcs</td>
</tr>
<tr>
<td>bitumen modifier</td>
<td>2 pcs</td>
</tr>
</tbody>
</table>

### Main machines and mechanisms for the construction of artificial structures and civil works:

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>dump trucks with carrying capacity 10-30 t</td>
<td>48 pcs</td>
</tr>
<tr>
<td>loaders</td>
<td>10 pcs</td>
</tr>
<tr>
<td>drilling rigs &quot;Bauer&quot; BC-22</td>
<td>1 pc</td>
</tr>
<tr>
<td>pile-driving equipment</td>
<td>1 pc</td>
</tr>
<tr>
<td>excavator-planner</td>
<td>2 pcs</td>
</tr>
<tr>
<td>vibrator VP -1</td>
<td>1 pc</td>
</tr>
<tr>
<td>concrete pump &quot;Mercedes&quot;</td>
<td>1 pc</td>
</tr>
<tr>
<td>cement mixer &quot;Mercedes&quot;</td>
<td>2 pcs</td>
</tr>
<tr>
<td>truck crane &quot;KATO&quot; with load capacity of 20-50 t</td>
<td>1 pc</td>
</tr>
<tr>
<td>excavators with a bucket capacity of 0.65-1.8 m²</td>
<td>13 pcs</td>
</tr>
<tr>
<td>bulldozers</td>
<td>15 pcs</td>
</tr>
<tr>
<td>equipment for welding and cutting</td>
<td>6 sets</td>
</tr>
<tr>
<td>power equipment and machinery</td>
<td>4 sets</td>
</tr>
<tr>
<td>formwork and sophisticated supplementary devices</td>
<td>3 sets</td>
</tr>
</tbody>
</table>
Over 15 years of its working activity, a structural division of Construction Association Interbudmontazh - company "Kievbudinvest" has made significant progress in civil engineering. It performs works of full technological cycle - from pre-project studies and necessary approvals to design, construction and commissioning of the object on turnkey basis.

Company's customers are state structures, departments and private companies. Many of them have become our regular clients. The recognition from customers provides the company with a permanent increase in orders.
The company has executed construction projects in the following areas:

NEW CONSTRUCTION

- Sport complex, Kiev, Ukraine
- Operating control center "Ukrzaliznytsya", Kiev, Ukraine
- Administrative building of "Gaztransit", Kiev, Ukraine
- Business center, Kiev, Ukraine
- Residential buildings, Kiev, Ukraine
- Ukreximbank branch, Ivano-Frankivsk, Ukraine
- Administrative building of National Bank, Kiev, Ukraine
- "Luxury" class cottages, Kiev, Ukraine
RECONSTRUCTION OF BUILDINGS

- Hotel of National Bank of Ukraine, Kiev, Ukraine
- Building complex of Bank Academy of National Bank of Ukraine, Kiev, Ukraine
- Administrative building of "Kyivenergo", Kiev, Ukraine
- Administrative buildings of "Ukrafta", Kiev, Ukraine
- Administrative building of "Ukrpatent", Kiev, Ukraine
- Administrative building of product nomenclature association, Kiev
- Superstructure of mansard floors in residential buildings, Kiev, Ukraine
- Administrative building of National Bank of Ukraine, Kiev, Odessa, Zhitomir, Simferopol, Chernigov, Zaporozhye
- Administrative buildings of Ukreximbank, Odessa, Lviv, Ukraine
- Administrative building of JSC "Ukrzaliznytsya", Kiev, Ukraine
- Sanatory complex "Pushkino", Gurzuf, Ukraine
- Administrative and cultural center of Cabinet of Ministers of Ukraine, Kiev
- Diplomatic Academy of Ministry of Foreign Affairs, Kyiv, Ukraine
- Hospital "Theophany", Kiev, Ukraine

RESTORATION WORK

including oil and tempera painting, wall painting, decorative molding and gilding

- Ukrainian music and drama theatre, Zaporozhye, Ukraine
- Railway terminal, Rovno, Ukraine
- Churches, Rovno region, Ukraine
Analysis of existing technologies, development of construction methods and repair works, as well as qualified its performance lead to the achievement of desired result.

Due to the developed industrial base, qualified personnel, modern management, the company efficiently implements projects of any complexity in the shortest possible time, using the latest design and technical solutions to find individual and professional approach to each client.
Limited Liability Company "Interstroymontazh" performs the full range of civil engineering in Russia.

Production and human resources, many years of experience and modern management concepts allow the company to implement large-scale and complex projects.
Construction Company "Interstroymontazh" has state licenses for all activities in construction and reconstruction, as well as permission to engage foreign workers. Most of the company's employees are professionals, highly skilled engineers and workers.

The company has gained considerable experience in the organization of watch work on remote construction sites.
The company has executed construction projects in the following areas:

**new construction**
- Wedding Palace, Yugorsk, Russia
- exhibition hall, Yugorsk, Russia
- city children’s clinic, Yugorsk, Russia
- medical sanitary station "Rodnichok", Saratov, Russia
- medical complex, Oktyabrskoe, Khanty-Mansiisk autonomous district, Russia
- cultural and recreational center, Yugorsk, Russia
- schools, Khanty-Mansiisk autonomous district, Russia
- swimming pool, Beloyarskiy, Khanty-Mansiisk autonomous district, Russia
- residential buildings, Khanty-Mansiisk autonomous district, Russia

**reconstruction of buildings**
- residential treatment center "Zdorovie", Yugorsk, Russia
- cultural and recreational center, Khanty-Mansiisk, Russia
- building of State variety theatre, Moscow, Russia
- children’s health complex "Berezka", Tolyatti, Russia
- schools, Khanty-Mansiisk autonomous district, Russia
- fire station, Yugorsk, Russia
Well-established schemes of cooperation with customers allow the company “Interstroymontazh” to meet their requirements, responding quickly to trends changing in the construction industry.

During its activity, the company has achieved significant success in the construction of residential buildings and social objects, expanded geography of its works and reached new horizons of development.
Design Institute "Ukrspetstonnelproekt" of Construction Association Interbudmontazh performs a full cycle of design and survey works from laboratory tests of building structures to preparation of estimate documentation and drawings at the contemporary level with application of the latest achievements in the field of architecture, building design and computer technology.
During projects implementation, regular activities under the author’s supervision over construction progress are carried out. The results of supervision are analyzed and summarized for record in further construction practice.

Design objects, developed by the Institute:

- residential and office complexes;
- industrial enterprises;
- railway and highway infrastructure;
- bridges and overpasses;
- underground structures;
- various tunnels for different geotechnical conditions, including the most complicated (seismic, karst, etc.), in structures with spans of 20m (or more) and of cross-section area up to 430 m²; underpasses and structures.
Construction methods with the maximum use of computer software tools allow extensive usage of solid modeling and automated engineering calculations. Designer’s efforts aimed at finding solutions that provide reliability and efficiency of constructions.

Program activity of Design Institute is to improve the aesthetics of design objects.

Priority task in creative work of company's architects are: architecture of ground-based complexes, detailed elements study of design and accomplishment, harmonization of new structures and existing historic buildings.
CONSTRUCTION ASSOCIATION INTERBUDMONTAZH

1, Promyslova St., Kyiv, 01013, Ukraine
Tel.: (+38 044) 4952790, (+38 044) 4952792
www.interbudmontazh.com