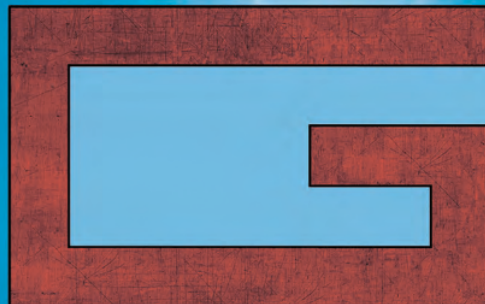
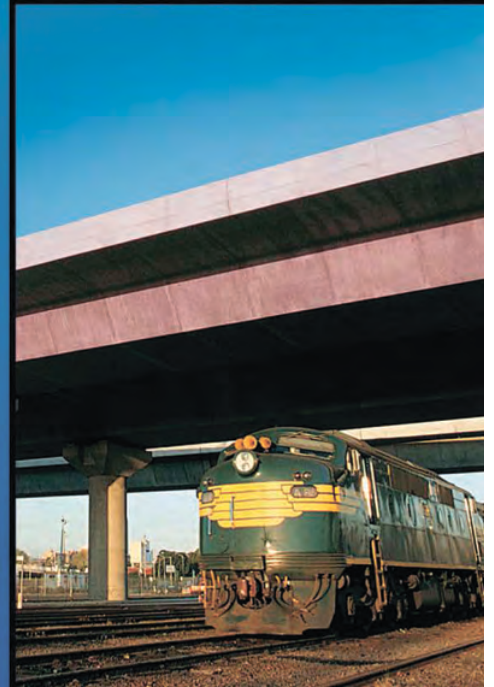


Let's build  
the Future together!



Garantbud LTD [>](#)







Mr. Chobotyuk Ivan is an honored constructor of Ukraine. He is highly educated in the field of economics, technical engineering and political sciences. He has been in the construction field since 1966 and has been honored several awards and governmental medals . He has been working in the field of construction and reconstruction with foreign colleagues ever since 1992 and has been working successfully as the head of company. Ivan Chobotiuk is counsellor of Minister of Economy of Middle Eastern countries. Company Budservice is an individual member of the Association of "Ukrgidroenergo" and represents Ukraine in the international market of hydropower engineering. Also authorized to represent interests of Ukrainian Railways and is a monopolist in the construction and operation of railways and combinations.



# Directions of activities

**The company Garantbud** is the management company, a group of construction companies that is created by a team of professionals with practical experience in implementing major construction projects, the main function of which is the optimization of projects and effective management of construction sites. Using advanced technologies in building and partnerships with leading vendors and performers of works, the Company Budservis can perform work of any complexity and content.

- construction of highways, tunnels, bridges, subways;
- airfields and aero-ports;
- oil-gas pipelines, gas-oil extraction;
- providing of wide range services connected with designing, building, modernization, training of specialist in hydropower engineering, heat and power engineering;
- industrial and civil construction;
- works related to water treatment and industrial waste;
- construction and reconstruction of railways;
- construction of skating-rinks and stadiums;
- design, planning, repair of various types of buildings, structures, highways and others;
- manufacturing and installation of metal;
- construction of monolithic reinforced concrete structures;
- perform finishing work;
- installation of external and internal systems of canalization, water supply system, energy, heat supplying.

We united resources of specialized partner-companies with the best modern technology having rich experience of our professionals on the basis of the general planning and management that allows us effectively to carry out the construction and installation work and to ensure customers guaranteed:

- «Build the future together!»
- optimization of all processes of construction;
  - high quality of work;
  - significant reducing of cost and terms of construction.

Our specialists developed and implemented actively the program of rationalization for objects of different purposes, as a result of the implementation our customers reduce their expenses significantly for the objects exploitation.

We are always on step ahead of market trends by implementing innovation, constant developing during the process of projects implementing, providing a wide effectiveness to our customers. Solidary team of professionals, united-minded people for achieving their aims is the key component of our success.

**Your cooperation with us  
will be successful and  
mutually beneficial!**



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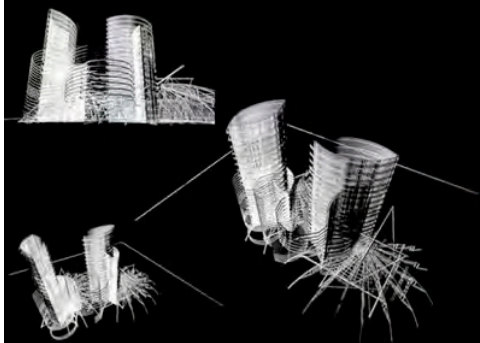




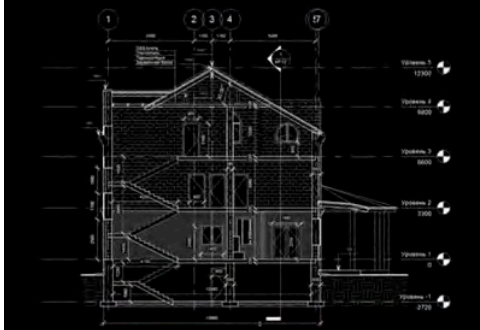


GULKHANA PALACE

PROJECT PROPOSITION



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## Design & engineering

One of the activities of the company is designing and adaptation projects of foreign companies for the requirements and standards of national legislation in the construction field. Experts of «Build Service» perform the full range of works and offer their customers the following tasks:

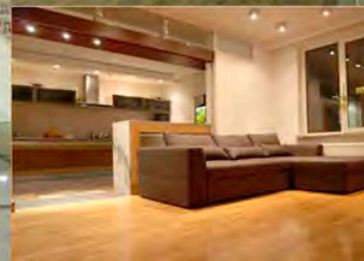
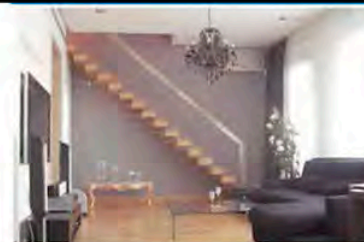
- geological exploration; -surveying;
- preparation of initial permits;
- obtain architectural-planning task;
- development and coordination of pre-proposals;
- development, negotiation and approval of the project in the established order;

In the designing of buildings the most attention is devote to its functional purpose. Our experts design buildings in according with individual requirement of the customer, considering the economy of the projects, climatic conditions and qualities building ground.

The interior is something special in its own confined space, fenced off from the world, live by its own laws and is perceived by the persons as a kind of specific environment that is differ from the outside. The company «Build Service» provide a full range of services in the development of interior and exterior. The range of services includes:

- design project;
- finishing strokes;
- redevelopment;
- reconstruction;
- repair;

The interior projects are developed by experienced professionals and designers that take into consideration all the requirements and wishes for the future interior. As a result, you get well done design of office or home, in which the concept of internal or external arrangement of dwellings fully reflects your personality. By designing the interior, we are guided by the principle of combining the concept of perfection, comfort and functionality of the arrangement.





# Buiding

## General Contractor in design and construction and reconstruction of civil and industrial objects.

"Building Investment Company **"BUDSERVICE"** Ltd. leads its business as autonomous organization, and it is a honest follower of glorious Slavic traditions of Kyiv building organizations "Golovkyivmiskbud" and "Kyivreconstructions". Due to the accurate organization of the structure of the company and high professional level of the employees it could reach powerful results both in Ukraine and abroad. The enterprise, constantly developing, got a reputation as the reliable partner and the guarantor of quality of given services in business circles of Ukraine and many countries of the world.

**"Budservice" Company is a construction company with a big experience in civil and industrial construction. The company provides a full range of construction services:**

- design;
- preparation of construction works;
- construction and montage works;
- special works.

The company has a state license to do all kinds of work in the field of construction, reconstruction and restoration, including works in areas with high seismicity and under difficult engineering-geological conditions.

The competent use of modern technologies, a thorough and careful work fulfillment with all standards and requirements adherence provide high quality of construction.

Successful implementation of complex and important projects over a period of many years provided has a positive reputation to the company and helped to take a leading place in the construction market of Ukraine and abroad. And there is a large number of successfully put into operation projects on the credit site of the company.

The company also operates the works related to installation and testing, repair of external and internal engineering networks both for buildings and structures of industrial purposes, for mansions, cultural social and sports facilities, shopping and entertainment centers. The experience gained during the years of productive activities let lead the following kind of improvement works:

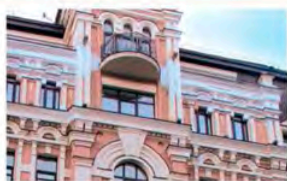
- System of water supply, industrial, faecal and storm water sewer;
- Heating systems;
- Ventilation systems.

Taking into consideration a high skilled team and necessary production and technical department available, positive and stable development of the company, as well as successful implementation of the objects of varying complexity and power, both in Ukraine and abroad.

**"BIC" Budservice" Ltd. offers its services in following spheres:**

Experienced specialists of **"BIC" BUDSERVICE" Ltd.** having a long-term experience in the field of industrial and civil construction, engineering and technical and construction design will create and implement any projects related to construction activities.

Houses reconstruction in the historical area of Ukraine



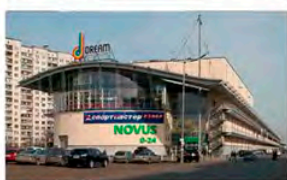
Micro-districts housing in the cities of Ukraine



Construction of cement factory in Afghanistan



Construction of entertainment and shopping complexes



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## List of works executed by the company:

- Reconstruction & Erection of Pole-Khumri Cement Plant. Pole-Khumri, Afghanistan.
- Overhaul of thermal power plant «Al-Hisma». Aden, Yemen.
- Reconstruction of the hydroelectric power station, Afganistan.
- Construction - assembly work on the reconstruction of Darkhan TPS Mongolia.
- The project for the restoration of the presidential palace, "Gol-Hona" and the royal apartments "Haram Sarai" and "Shabbie-Juma". Kabul. Afghanistan.
- Shakhzi - Bazar Thermal Power Plant, Bangladesh.
- Design and installation of sewage. Kabul, Afghanistan.
- Heating Electric Power Station Reconstruction. Kiev. Ukraine
- Overhaul of thermal power plant «Naglu». Afghanistan.
- Subcontract work on the reconstruction of streets and squares of Kiev.
- Building a base for petroleum products. Hayraron, Afghanistan.
- Construction of tall, cast-frame residential buildings in the Pechersk district of Kiev. Ukraine.



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- Reconstruction of a complete replacement of the heating duct in the first and fourth district of the city of Kabul. Afganistan.

- International airport "Borispol" reconstruction. Kiev, Ukraine.
- Reconstruction of the boiler house Bibi Maglev district city Kabul. Afghanistan.
- Construction of housing estate "Obolon" in Kiev. Ukraine.
- Construction of a military base for troops to ISAF. Kabul, Afghanistan.
- Construction of boiler houses of Pervomayskiy milk-cannery. Pervomaysk, Ukraine.
- Construction of 8 MW diesel power plant. Mazar-e-Sharif, Afghanistan.
- Turboset overhauling on the AES „Ekibastuz” TPP, Kazakhstan.
- Construction of a fire station and two woodland boundaries for Darnytsia woodland park at 2a Brovarskiy Prospekt st., 1 Radystiv st., 20b Brovarskiy Prospekt st. Kiev, Ukraine.
- Turbine current repair on the „Orhanelly” TPS, Turkey.

**This is not the entire list of works made by our company over the past eight years.**





# Bridge construction

The most scientific and technological field of transport infrastructure is bridge construction. In this field our enterprise can offer following works: semicantilever and cantilever erection of steel spans; installing of one-piece steel superstructures with a crane.

## **Semicantilever and cantilever erection of steel spans.**

Company mastered methods of erection of superstructures with semi-cantilevering, cantilever and balanced assembly, according to which the span is spliced either both directions or only one of them cantileverly, without scaffolds and temporary holders. This method allows to spare the materials needed for scaffolds and temporary holders, and besides, the console of assembling superstructure can overlap already existing buildings and roads.

## **Installing of one-piece steel superstructures with a crane.**

Metal structures assembly by using a high-strength friction-grip bolts and with the help of machine welding.

Budservice adheres all the requirements of superstructure design projects on element joint arrangement. Company has a staff of experienced specialists and all the equipment needed for qualitative conduct of automatic, semiautomatic and manual welding of horizontal, vertical and diagonal element joints of steel superstructures of any thickness. The speed of assembly of metal structures with pined, welded and pined and welded joints reaches 600 tons per month. Crane lifting equipment of building organizations allows to give for assembling both separate elements and large-size blocks with the weight up to 110 tons.

## Construction of armco piles

Armco piles are used for deep basement construction, with high loads and big depth of solid ground bedding. Functional flexibility of the method in rate of 0.42 m to 2.0 m, by the depth of boreholes up to 75 m, makes Armco piles applicable for solving almost any task by the basement construction. Armco piles production technology allows to erect both a separately placed poles and the whole walls constructed out of tangent or contiguous bored piles. Such basements have a wide range of appliance, e.g. bridge constructions, civil (high-rise) construction, tunnel construction and also construction of the underground spaces.

Our own park of drilling rigs is used for producing the whole range of works. Machines of German company "Liebher" are in the inventory of our company.

All machines are equipped with working tools for construction of Armco piles in the soils of different categories, from a water-saturated sand to a hard rock. According to the pile type and the category of the ground the boring can be lead under the protection of boring casing, and also by the CFA method.

## **Arrangement of bridge floor.**

## **Massive grids and back walls body construction.**

The process of bridge construction means piers construction and the company mastered the following technologies to perfection:

- construction of future pit's piers under the protection of metal border, both by ground water presence and in stream canals directly;
- massive grids in the volume up to 4 000 steres concreting, in the tempo running up to 120 steres per hour;
- back walls body construction out of precast elements;
- monolith back wall body construction, both in sliding casing and stationary reusable form-work, concreting is lead with the help of concrete pumps with the pumping head up to 36 m and the efficiency up to 80 steres per hour.



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# Motorway construction

Motorways are important component of a conveying system of a state, that has a great influence on the social and economic development. Roads are important part of civilized society. If the necessity of road construction arise or you need to renew an old chemise, or make a patching of holes, or replace or install some new curbstone, then our specialists will fulfill your wishes fast and qualitative.

**We will do the following works for you with pleasure:**

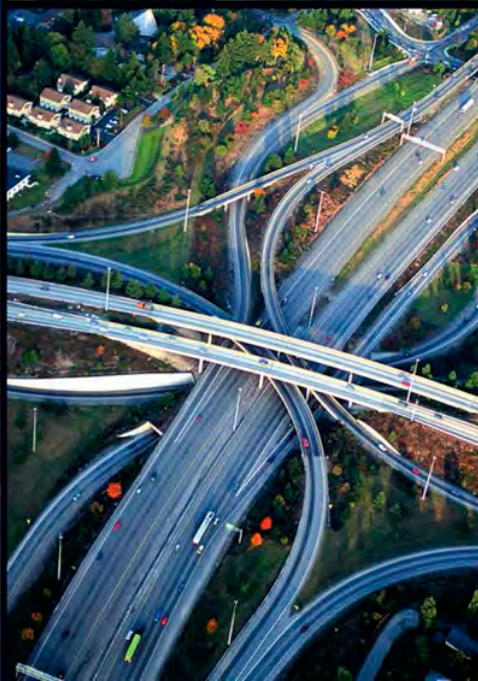
- arrangement of pavement (excavation works, arrangement of sand and macadame base, asphalt laying);
- patching of holes of chemise;
- complex of work of rainwater disposal and arrangement of drainage;
- old chemise disassembly;
- assembly operations and operations of road lighting arrangement;
- surface treatment with emulsified asphalt;
- "Sleeping policeman" arrangement;
- curbstone and impingement plate arrangement;
- putting the road markings on the chemise;
- adjacent territory upclassing.

**All works are executed by adherence of technological requirements provided by construction regulations.**

By the work execution up-to-date efficient technical equipment and machines are used: asphalt pavers, compactors, cutters, vibrating boards and other machines of such world leading companies as Caterpillar, JCB, HYUNDAI and others.



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Up-to-date technique armory, high-performance materials, advanced technologies, active capital investment disbursement and developed social sphere of enterprises are all components of successful economic politics of our companies.

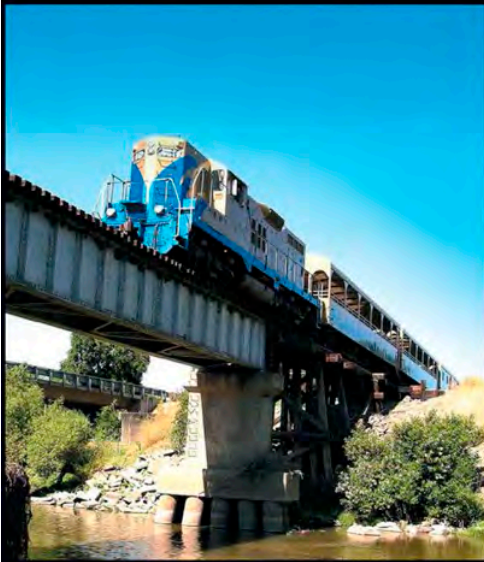
European standards are reached with the help of the techniques and technologies still recently unique for our country. We master and apply new technologies, both in producing of road concrete mixes and in methods of their laying. Up-to-date technique, high-performance materials and advanced technologies - all these and lots of other are professional advantage of "BIC" Budservice" Company.







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# Railway

Budservice company has Memorandum of cooperation with SE "Ukrzaliznytsya", that can maintain the whole complex of works in design, constructing and repairing of the railway of the common and non-common use, artificial facilities, and the works of their current maintenance as follows:

- 1. Pre-project works:** The undertaking of the engineering investigations: topographic shooting, engineering- and-geodetic as well as engineering-and-geological investigations.  
Preliminary work-out of different variants of the travel development with full justification each of them.  
Drafting of the technical-and-economic justification of the construction.
- 2. Railway and artificial facilities design works:** Construction design.  
Project investigating works.  
Engineering networks design: superposed and side-on transport.  
Work-out of some special points of the project: project-estimated documentation.  
Design engineering: drawing up the document of allowance, getting and drawing up the issue indexes for design, technical supervision of the project.
- 3. General Contractor functions.**
- 4. Transport construction:** Railways of the common and non-common use: formation of the roadbed, arrangement of the railway superstructure complex, the SCB lines (signalling, centralization, blocking).  
Railway bridges, fly-overs, elevated structures, small railway artificial facilities and facilities of the engineering conservation.
- 5. Design and erection works execution:** Arrangement of the building site.  
Ground works.  
Arrangement of the external engineering networks and equipment.  
Arrangement of the internal engineering systems.  
Technological and constructing engineering.
- 6. Current maintenance of the railway, control over its state and the state of facilities, prevention and correction of the defects, provision of a long-time service of all its components and facilities.**

One of the productive variants of the company is the construction and repair of the main railways and access ways, artificial facilities, arrangement of the roadbed, SCB and connection lines, project investigating works, and supply of the equipment for the railway superstructure. And OJSC "BIC" Budservice" maintain the whole complex of works "turnkey", including the getting and accordance of the technical terms and conditions, commissioning a project, work-out of the technical railway pass. The works are lead with the own high-quality equipment, under the warranty police and in briefest terms.

## Ecological safety of the production

is one of the priority problems of JSTC "BIC" Budservice" activities. So, the nature protection activity is considered to be the important and integral part of the whole production process. We keep a check on that, that using of some new technologies and the process of our work as a whole, was in accordance to the nature protection demands. The building "know-hows", that were add by us on ours armoury during the last years are absolutely harmless and safe for natural zones.





# Subway and tunnels construction

Many years' experience of cooperating Budservice and Metrostroy companies in a field of transport infrastructure development gives the opportunity to provide the customers with a wide range of services in construction, repair and support spectrum spheres.

During all its history and till now the Company improves construction technology of underground structure (first of all the subway construction) on a basis of applying a high-performance equipment and effective materials both national and foreign ones; initiates the development and implementation of some new excavating equipment, including boring one, and modern building materials by direct participation of scientists of technical universities, engineers.

Improves constantly an excavating equipment that is in operation.

Initiates constantly the development and implements some technological methods and construction methods of erecting objects, that can reduce construction terms and have minimal influence on underground operations; first of all the long-span operations ("non-sludging tunneling"), on buildings and structures, that are set above the ground, especially in historical part of the city, by means of applying so called "sparing technology" (of forepolling, walls in ground, bolting).

Participates in development, implements and improves the underground operation methods, that allow accident-free object construction, including unique ones, such as boring, nitrogen freezing of technological wells and their opening-out at many metres depth.

Implements the laying of extended underwater tunnels of big diameter and communal tunnels within a city by the method of microtunneling apply.

Applies up-to-date, high-efficiency and of desired precision methods of geodetic orientation both above and underground structures.

**In the subway and tunnel construction sphere the following works can be done by our companies in really high quality:**

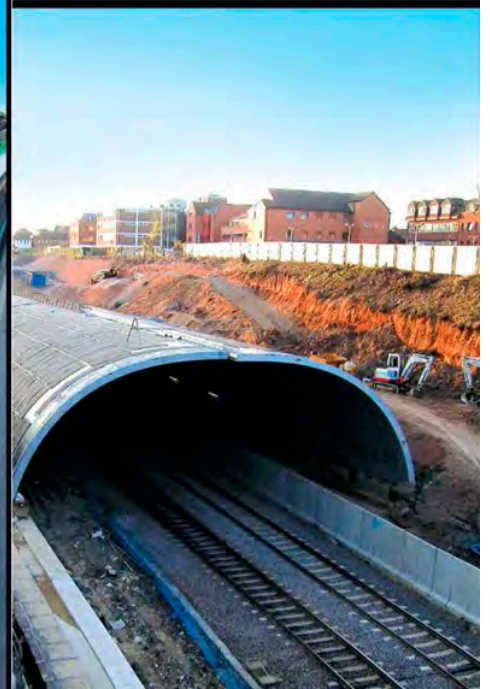
- construction, by both open and closed methods, inter-station tunnels, station tunnels and escalator tunnels of subway, railway and motor transport tunnels, underground passages, underground vestibules, above ground level structures and facilities and other objects; montage of transformer substations, cable lines, lighter
- accessories, escalators, conditioning aggregates, pumps, pipe-lines, technological structures and other equipment of the erecting objects;
- laying tracks and contact rail, construction of off-ramp
- cells and branches to depot, construction of railway overhead roads;
- execution of finishing works of any degree of complexity, including use of marble and granite dressing, mosaic panels, up-to-date decorative structures;
- manufacturing of the equipment for tunneling and
- other equipment for subway construction and construction of transport tunnels.

**The following object were realized by our company:**

- Second line of Kyiv underground: Kurenivsko-Chervonoarmysky direction.
- The third line of Kyiv underground: Siresko-Pecherska direction.
- Main local free-flow sewage collector (length 3.3 km, diameter 5.6 m). Tunnelling was carried out by using drilling and blasting technique for 2.5 years by up to 50 employees.
- Water-pipe tunnels (length 6.7 km, diameter 2.5 m, 3.6 m) in Kiev City.
- Hydroelectric tunnels in Dnipro - Ingulets canal (length 2.2 km, diameter 6.0 m). Tunneling was carried out in 2 years by up to 50 employees.
- Pedestrian tunnels in Kyiv City.



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# Hydroenergetics

Company "BIC" **Budservice**" is in fruitful cooperation with "Ukrghidroenergo" Association, whose members are over than 50 companies which lead their work in the sphere of construction, reconstruction and usages of hydropower plants (small HPPs as well) and also thermoelectric plants.

1. Design, construction of the energy objects, supply, adjustment and technical maintenance of the equipment:
  - Power transmission lines, substations, switchboards;
  - Thermal power plants;
  - Hydropower plants and pump-storage plants;
  - Makeup demineralizers;
  - High-levelled electrofilters of fume gases cleaning;
  - As well as reconstruction and modernization of mentioned above services;
  - Personnel training for the power systems maintenance.
2. Engineering investigations:
  - Engineering and geological, hydrogeological;
  - Opographer-geodetic;
  - Hydrological and hydrometric;
  - Geophysical.
3. Design of:
  - Waterpower and waterworks facilities;
  - Navigable buildings;
  - Schemes of the rational use and guard of water resources, environmental protection actions;
  - Buildings of the water-supply (including main channel);
  - Regulations of river-beds and defensive buildings from underflooding and flooding;
  - Wind power plants;
  - Electricity supply, automation and communication between all the objects of the design;
  - Electric substations.
4. Technical help, consultation and informational services:
  - Development of the objects operating rules;
  - Author's control over the construction works;
  - Expertise of the projects;
  - Technical coordination of the technological equipment development;
  - Development of the hydrotechnical facilities security system.
5. Diagnostic of the utility equipment with the purpose of its technical state definition, issue of the recommendation about its further exploitation together with fixing the repairing works dimensions and with the list of required spare parts.
6. Maintenance an engineering purposes. Construction, montage, repair, reconstruction, modernization of the power objects, uncluding "small" energetics with cogeneration technologies.
7. Montage and repair of the main and auxiliary boiler, turbine and gas-turbine equipment.
8. Work supervision, placing the equipment in service;
9. Work-out of design documentation and producing of some special technological furniture and tools, needed to maintain montage and repairing works;
10. Modernization and reconstruction of steam and waterheating boiler in purpose of boosting their security, efficiency, changing the fuel type, other parameters.





# Oil-Gas Course

Today's global processes of the world economy suggest that one of the most important and defining areas of the economy is the oil and gas sector. In this area, because of the joint activities of the companies Wornted, Budservis and Zarubezhneftegaz has been executed many projects, such as:

## **Oil-pipelines' construction:**

oil-pipeline Dolyna - Drogobych, Ukraine, 58km length, diameter 273 mm, oil-pipeline Tikhoretskaya - Tuapse, 242km length, diameter 530mm, oil-pipeline Tikhoretskaya - Novorossiysk, Russia, 240km length, diameter 530mm, etc.

## **Gas-pipelines' construction:**

Gas-Pipeline Udachniy - Mirny, Republic of Yakutia, Russia, 1999-2001, diameter 413mm; Central Processing Facility (CPF) Korpeje, Turkmenistan; Gas-Measuring Unit (GMU) Chaloyuk on the main Gas-pipeline from Turkmenistan to Iran, and many others.

## **Thermoelectric power station's construction:**

Thermoelectric power station North-western SGE (Start-up Gas Equipment) - 450, St. Petersburg, Russia; Zmievskaia thermoelectric power station, Ukraine; Luhanskaya thermoelectric power station, Ukraine; Slavjanskaya thermoelectric power station, Ukraine.

## **Heating-electric plant's construction:**

Heating-electric plant Makeyevka, Ukraine; Heating-electric plant Alchevsk, Ukraine; Heating-electric plant Mariupol, Ukraine, South-Ukrainian nuclear power plant, Ukraine;

**To your service may be provided a wide range of services in this area,**

- project management in the oil-gas and energy industries;
- implementation of programs in the field of oil and gas industry;
- scientific support in the industry;
- design and engineering in the oil-gas and energy industries (construction, reconstruction and modernization of oil-gas and energy industry);
- technology transfer - facilities operation, staff training on the workplace, technical documentation;
- participation in the development of oil and gas resources;
- development and implementation of energy-saving technologies and equipment for the utilization of low-calorie fuels and hard-domestic waste;
- supply of equipment and materials for oil and gas industry;
- start-up work;
- operation and maintenance of objects.



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# Construction and reconstruction of airports and airfields

Today in fast-developing world the time factor plays one of the most important roles in the economic process. That's why in the past decade the role of the aviatriansports, that allow to save a lot of time, is increasing in its value. An integral part of the effective air transport operation are the airports and airfields. And the construction and renovation of them in the late 90-ies of the last century was lead under contractual conditions of the companies: "Budservice", "Ukraeroproect" etc.

**The companies perform the whole spectrum of works related to construction and reconstruction of airports and airfields of all classes according to ICAO, auxiliary buildings and facilities, as follows:**

- typical, experimental, fine design of civil aircraft;
- drainage and channel-out device;
- construction and renovation of passenger and cargo terminals, aircraft hangars;
- construction and repair works of fuel storages and technology necking;
- equipment of special facilities (mooring or earthing, blinker equipment);
- construction of radio navigation objects, take-off and landing objects, air traffic control;
- construction of objects for storage and repair of aerodrome auxiliary equipment.

**In the period between 1998 and 2009 by common forces such works have been done:**

- 1) reconstruction of the runway with applying of modern concrete laying machine SP-1600 of the German firm "Wirtgen", equipped with an onboard computer, giving speed and angular parameters, capable to perform seven-levels concrete treating, compaction, armature laying, smoothing;
- 2) arrangement of top layers of new asphalt concrete cover of runway with the latest construction technologies with appliance of high-efficiency and far-reaching asphalt laying machines with automatic system of flatness control, thickness and a bias of the layer;
- 3) strengthening of coatings of the flying field by building a monolithic concrete cover;
- 4) construction and repair of both main and auxiliary nature objects.

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**In its practice OJSC "BIC" Budservice" apply national and foreign achievements of road-building branch. In particular it owns the following technologies:**

- wake drainage device used for subsoil waters outlet from the bases of airfield coverings, with the pipes "RAUDRIL" of "REHAU" firm apply;
- reinforcing of asphalt coverings with geogrid "Hatelit" apply, that increase the service life of asphalt coverings and between-repairs intervals in 3-4 times;
- high-efficiency asphalt spreaders ("Titan"-325, "Titan"-423, "Demag" DF-130C) apply, that are equipped with automatic system of flatness support, thickness and a bias of a covering and condensing devices in complex with highly effective rolls (DD 74, DD 90);
- arrangement of rough layers wearaing and also top layers of coverings with cubiform crushed stone of 8-13 mm fraction apply;
- arrangement of cement and concrete coverings with high-efficiency concrete-laying machine complex ("Wirtgen" SP-1600) apply, that is equipped with automatic system of flatness support, thickness and a bias of a covering with possibility to achieve an optimum density;
- arrangement of by-edged trays, ditches and border stone (got from the monolithic cement-concrete) with apply of high-efficiency cement-concrete laying machine complex with sliding forms and automatic monitoring system of geometrical parametres ("Wirtgen" SP-250);
- removal of the destroyed top part of the under repair covering with a high-efficiency pulvmixer apply ("Wirtgen" DS-1900).

## Role of the company in the project realization:

- management of the project, building coordination; the organisation and a management of construction and erection works;
- building of monolithic concrete coverings;
- starting-up and adjustment works;
- technological and building engineering;
- the control over the contracts of specialised and starting-up and adjustment works execution;
- the control over the building quality, used materials, structures and production;
- delivery of the equipment and building materials;
- commissioning and handing over the object to the customer.







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# Cooperation with CKD GROUP

The Cooperation of OJSC "BIC" Budservice" with Czech company CKD GROUP presents by itself a kind of association of engineering and production companies, which act in sections of the wastes utilization and water reclamation. The main of the efforts of this group are directed on the supply of complete investment project and technological nodes, craftwork supply and supply of the components for the utilizing sphere, the sphere of sewage water reclamation, of ecology and chemistry spheres.

## Main spheres of commercial activity:

### Wastes utilization

#### Municipal wastes utilization installations.

The volumes of supply and the mode of proposed wastes utilization installations pass the technical standards and the consumer's demands in full measure.

#### Typical volume of the installation supply includes:

- Wastes income sections, including the equipment for bulky wastes chopping;
- Burning oven with cylinder array and the equipment for the iron separation in the process of burning;
- Thermal energy using (the energy that exhales in the burning as electroenergy or heat) and possibility to work in cogeneration station mode;
- Uncatalyzed method of nitrogen oxide neutralization (selective uncatalyzed reduction, SNCR);
- Refinery of end gas by the semi-dry method with using the limb-stone and some additional inflow of the absorbent coal. Appliance of some The whole technological process control by using the latest devices of automation.

#### Industrial, medical and special wastes utilization installations.

#### The Mode:

The heat energy exhaling during the wastes utilization is converted in heat-exchangers and is used for hot water, saturated and overheated steam production. The steam turbine with generator for production of the electric power can also fall into the kit of the supply, and it vastly reduces the working expenses of the wastes utilization installation.

### Water reclamation

#### Provided services in the sphere of sewage water reclamation:

- Infrastructure of sewage water collecting and reclamation;
- Drink water provision;
- Hydrofacilities design;
- Waste burials;
- Ecological;
- Prevention and protection from floods etc.

## By the maintaining the projects the next classes of works were done:

- Modernization of the sewage waters reclamation facilities;
- Modernization of the sewage system;
- Sewage system collectors;
- Connection to the system of sewage water reclamation.

### Realized projects:

- Instelling of the system of sewage water reclamation in Litvinov, Check Republic;
- Modernization of the station of the sewage water reclamation in Poland;
- Modernization of the sewage water reclamation facilities and sanitation system in Yiglava, Check Republic.





# The Best for Ice. WM GROUP

Since foundation of the company our team tends not only to implement of the requirements of a Customer precisely and in time. But we tend to consider every project individually and mind a functional purpose, conception and suggested expenditure. Mission of WM Group is the laying of technical foundation for progress of winter sports in the Europe.

**We offer more than quality ice - we offer quality life!**

Since 2001 WM Group implements a coast-to-coast building of the ice objects from design to climate in all premises (including transportation, custom declaration and certification of the equipment). The reference list involves more than 80 ice rinks and arenas all over the Europe.

We can provide you with all architectural and design consulting or work together with your local design team to make your layout plan the best! Innovative facilities results in total building energy efficiency that will significantly minimize the operation costs.

**WM Group offers delivery of following equipment and realization of planning and programs on maintenance of climate in building of ice rinks and arenas:**

- selection of appropriate equipment according to functional purposes and conception of ice object minding the suggested expenditure;
- all planning and projecting documentation;
- air conditioning and air drying above the ice field;
- ventilation and climatization in all premises of ice rink or arena;
- cooling modules;
- ice mats (EPDM);
- piping system of ice field;
- aluminum cooling system;
- dasher boards for professional and amateur sports;
- auxiliary and peripheral equipment for ice arenas;
- accessories for skating and hockey;
- ice re-surfacing machines;
- multi-functional flooring.

## References:

### CZECH REPUBLIC

- Karlovy Vary, equipment delivery
- Ostrava SAREZA, equipment delivery

### POLAND

- Warsaw, modernization of ice rink with ice resurfacing machine for European Figure Skating Championship;
- Warsaw, two ice rinks for three editions TV show "Skating on ice";
- Zielona Gora, mobile ice rink;
- Belchatow, mobile EPDM ice rink with ice resurfacing machine;
- Torun, mobile ice rink;
- Zlotow, mobile ice rink;
- Szczecin, mobile ice rink with second hand ice resurfacing machine;
- Ruda Slaska, mobile ice rink renting with second hand ice resurfacing machine.

### RUSSIA

- Orenburg, "Central City Ice Rink"
- Moscow, winter sports center

### UKRAINE

- Kyiv, Ice club "Pioneer";
- Kyiv, Ice arena "Bolshevik";
- Kyiv, Ice arena "Terminal";
- Kyiv, Ice rink on the central square;
- Mariupol, "Iceberg";
- Mykolaiv, "Golfstream";
- Zhitomir, "Plaza";
- Vinnitsa, "Ice Club";
- Lugansk, "Atrium";
- Donetsk, Ice hockey arena "Lider";
- Poltava, Trade Entertainment Center "Ekvator";
- Rivne, "Ekvator";
- Bukovel, "Ice rink" on mountain skiing resort;
- Sevastopol, "Musson";
- Kharkiv, Shop Entertainment Center "Karavan";
- Cherkassy, "Ekvator";
- Kharkiv, Ice hockey arena "Central";

### BELARUS

- Minsk, Ice rink on the Republic mountain skiing centre "Silichy";

### MOLDOVA

- Kishineu, "Ice Bravo";
- Tyraspol, "Snezhinka";

### KYRGYZSTAN

- Bishkek, "Ice Rink".



**Garantbud LTD**





# Welcome to Ukraine!

## Travel company «Natalka»



**Address:**  
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e-mail: [nata@natalka.com.ua](mailto:nata@natalka.com.ua)  
[www.natalka.com.ua](http://www.natalka.com.ua)

License # 217447  
issued on 05.08.2005  
by the Tourist Administration  
of Ukraine

"Natalka" bears the name of a famous gulf on Dnypro river.

The "Natalka" trademark has been known both in Ukraine and abroad since 2005. The company's head office is located in Kyiv.

Today, "Natalka" has partner agreements with more than 38 companies in 15 countries and nearly 500 companies in Ukraine.

Natalka utilized the best of international experience and advanced technology in the tourism business, offering its clients a complete range of travel services. It was the first Ukrainian Travel Company which voluntarily passed through certification for compliance of its services and tours with the requirements of the State standards.

**«Priority in activities of the Company is incoming tourism to Ukraine»**

We WELCOME you to visit Ukraine, one of the biggest European countries located in the geographical centre of Europe, the Land of Cossacks, ancient culture, traditions and unique historical and architectural monuments dated to centuries before Christ....

the sunny rocky Crimea with its warm Black Sea and famous Crimean wine, green Carpathian Mountains.

Among the many tours offered by our company, you will certainly find a place to your liking.

Wherever you go with Natalka, we'll make your trip unforgettable.

We hope that many people traveling with our company in Kyiv and other cities and regions of Ukraine will remember the warmth and hospitality of Ukrainians as a distinctive feature of this country.

Among the many tours offered by our company, you will certainly find a place to your liking.

Wherever you go with "Natalka", we will do our best to ensure you the highest level of comfort and great value for your money!

### We offer the complete range of travel services:

- Visa support;
- Hotel reservations;
- Transfers;
- Individual trips;
- Group package tours;
- Weekend package tours;
- Specialized Incentive tours;
- Booking plane and train tickets;
- Sightseeing and excursion programs;
- Guide and interpreter services;
- Dniiper-Black Sea cruises;
- Conference and seminars package service;
- And more...

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# Swiss Centron IAG



Investment & Finanzen

Investment management and sale of raw materials

## Our Partners



**"UkrHydroEnergo" Ltd.,  
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the hydroelectric power stations  
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**VAT "Ukrhidroproekt",  
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novelties, researches of hydro-  
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central management of United  
Energy System of Ukraine



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"Elektrovazhmash",  
Kharkiv**  
Production and repair of electric  
motors, turbo- and hydro-gen-  
erators, electrical distribution  
and control equipment



**OJSC "Turboatom",  
Kharkiv**  
Planning and production of  
hydro-energetic equipment  
for power-stations



**JSC "Metrobud",  
Kiev**  
Construction and reconstruction  
of subway tunnel structures,  
bridge overpasses, etc. viaducts



**"Столиця"**  
Корпорація

**Corporation "Capital",  
Kiev**  
The Corporation performs all the  
complex work from design to  
delivery apartments to investor  
and operation of housing



**OJSC "Ukrainian gironiche-  
metalurgiyina company",  
Kyiv**  
Supply of rolled metal products,  
metal construction



**PE "Severodonetsk-  
spetsenerhoremont - 1",  
Severodonetsk**  
Repair and reconstruction of  
hydro technical-stations



**Dorsch Group,  
Germany**



**"PAKO" LTD.,  
Kiev**  
Building of canalization systems



**LTD «UKRSHLYAHBUD».**  
Road-building company



**"Osнова solstroy" LTD.,  
Kiev**



**SKD Group,  
Czech**  
Building and supplying with an  
equipment for utilization of  
wastes and water treatment



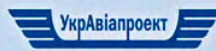
**WM Group,  
Kiev**  
Building of ice skating rinks, sta-  
diums, supply of ice equipment



**Mostotryad 114  
Kiev**  
Building of bridges,  
tunnels, overpasses



**State administration of railway  
transport of Ukraine  
"Ukrzalizniysya"  
Kiev**  
Building and exploitation  
of railways



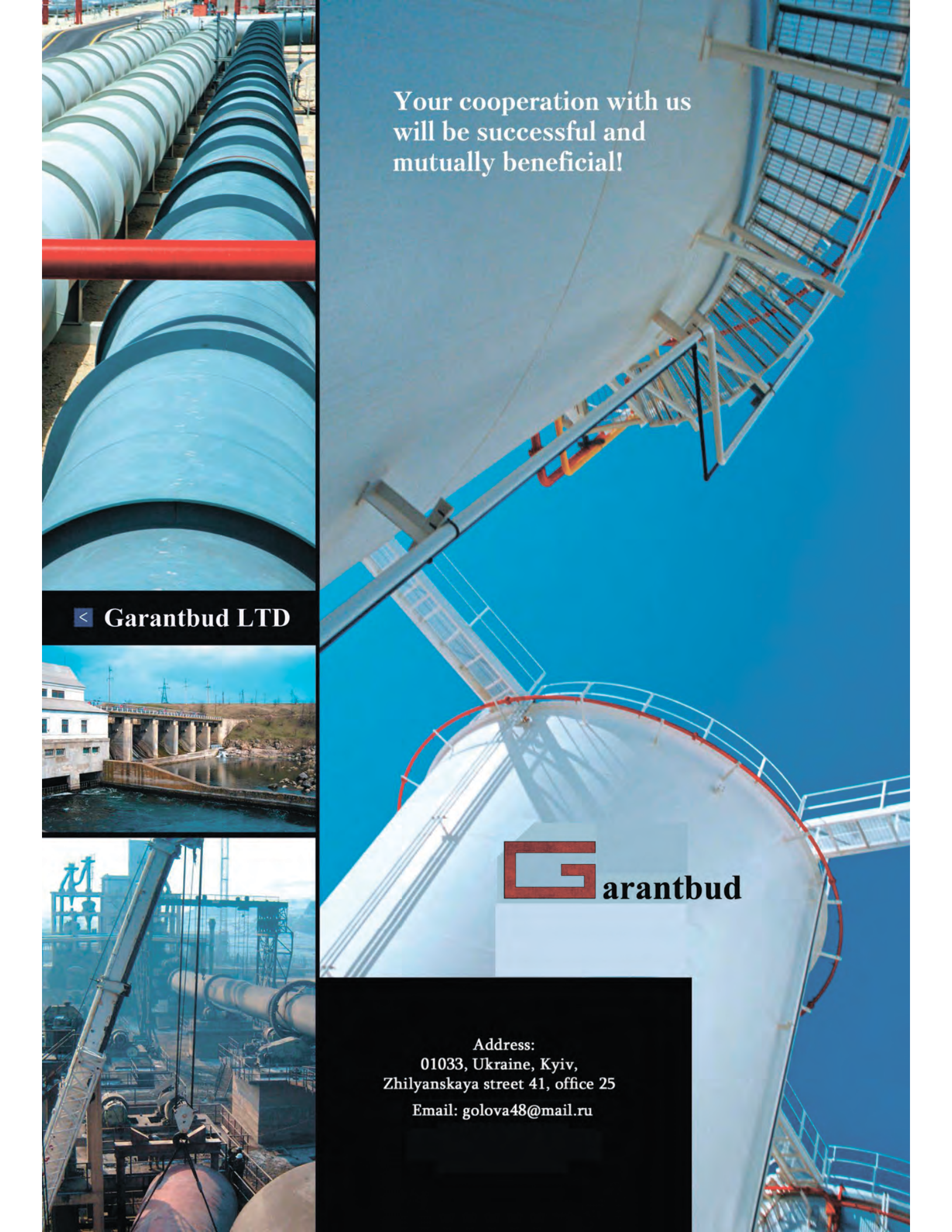
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