

Breathing life into architecture

Structural and engineering solutions

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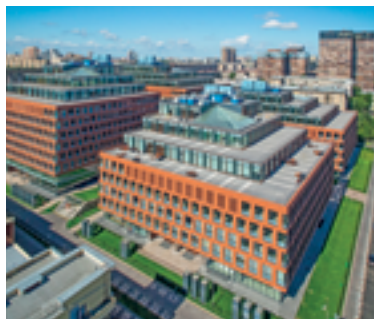
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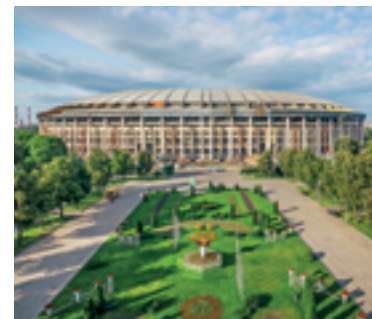
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About us

Metropolis is an independent company founded in 2005. At the moment the company's staff numbers about 200 highly qualified specialists allowing us to implement individual creative approach in each our project.

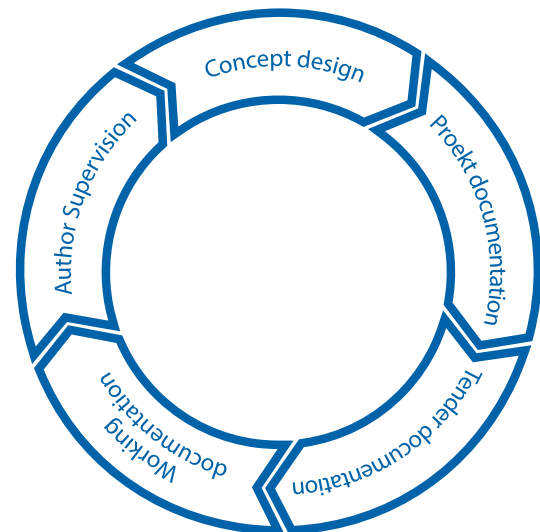
In our projects we successfully apply our strategic thinking, creativity and innovative design methods.

We offer Structural and Engineering design services for such projects as:

- 01 Mixed-use complexes
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- 03 Office complexes
- 04 High-rise and unique buildings
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- 06 Stadiums, water parks and ocean parks

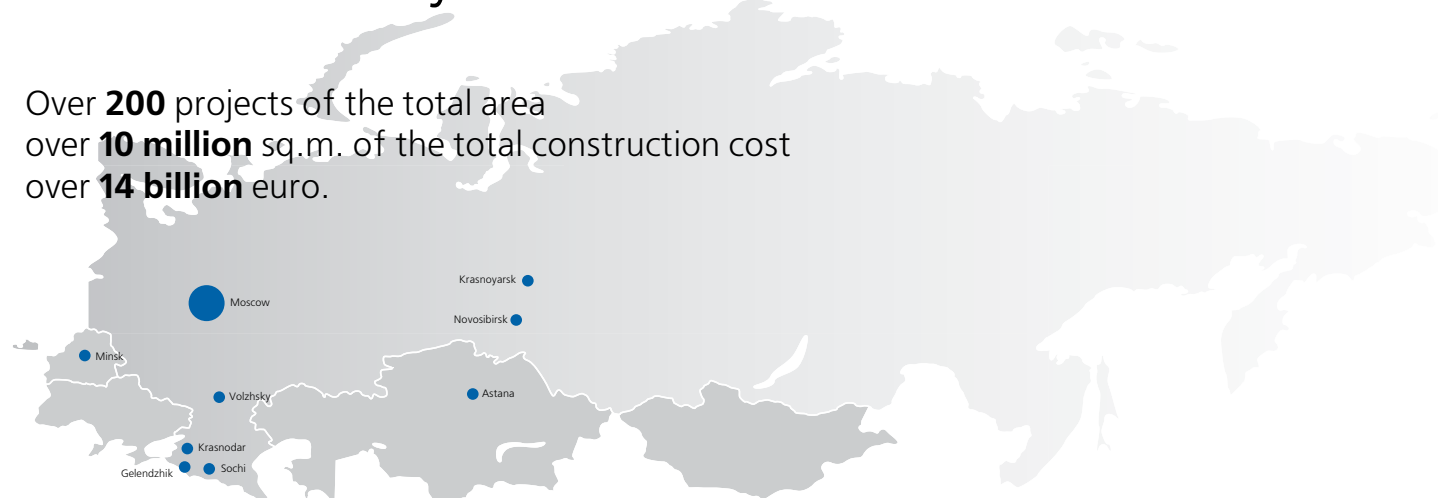


Design stages



More than 10 years at the market

Over **200** projects of the total area over **10 million** sq.m. of the total construction cost over **14 billion** euro.

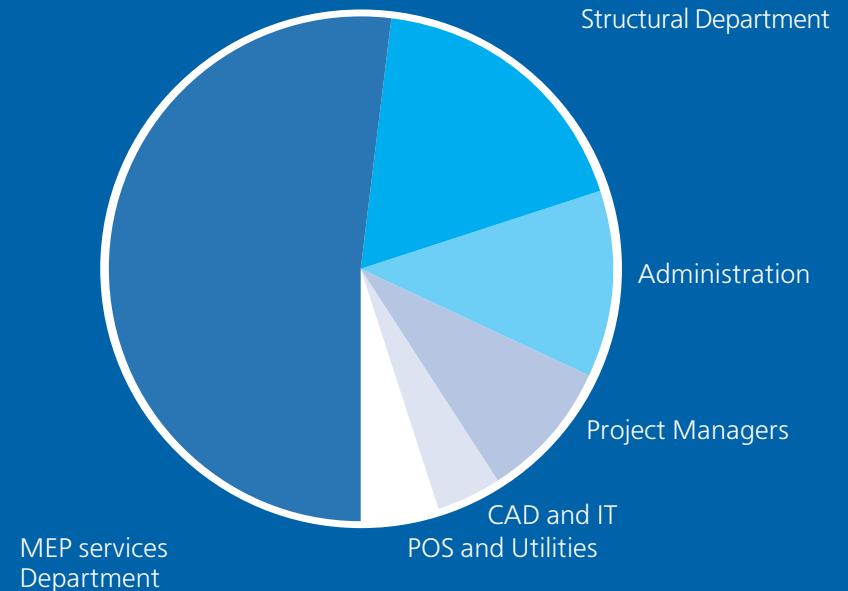


We speak **Russian, English, German, French and Arabic languages.**

Fields of expertise

- **Structural solutions**
- **MEP solutions**
- **On-site utilities**
- **Construction Management Plans**
- **Work production plans**
- **Civil Engineering**
- **Special design chapters**

Personnel distribution chart



Our services

- Development of design documentation at all project stages
- Technical audit and consulting services
- Author supervision and monitoring of construction works
- General Designer's services

Our goal is to provide high quality services at all project stages through application of our knowledge and experience gained during cooperation with the biggest Russian and international companies.

Metropolis is a member of the international organization Council on Tall Buildings and Urban Habitat, which allows us to be aware of the latest achievements in design and construction of high-rise buildings.

Metropolis is also a member of the Green Building Council, which allows us to develop designs in compliance with green standards BREEAM and LEED.

In our projects we strive for realization of the most ambitious ideas of our Clients built upon principles of reliability of design solutions, energy efficiency and quality.





Mixed-use complexes

Mixed-use complexes

Business centre ALCON I, Moscow



'A' class office development consists of a low-rise part with a two-level underground car park and four blocks of office use. Area: 102,177 sq.m.

Stage: Project Documentation, Tender Documentation
Разделы: Structural solutions , Engineering solutions

Mixed-use complex Silver City, Moscow

Mixed-use complexes



'A+' class business centre with a 2-level underground car parking, a cafeteria, sales area and office premises. Area: 56,000 sq.m.

Stage:
Scope:

Working documentation
Engineering solutions



Mixed-use office complex with underground parking and sales areas on the lower floors. Area: 378,000 sq.m.

Stage:
Scope:

Concept Design, Project Documentation
Structural solutions, Engineering solutions

Mixed-use complex Iskra-park, Moscow

Mixed-use complexes



Iskra-park includes a business centre, apartments, an underground car parking and all the necessary social facilities. Area: 234,400 sq.m

Stage: Concept Design, Project documentation
Scope: Structural solutions, MEP solutions, Construction management plan, Energy efficiency

Mixed-use complexes

Main Media Centre, Sochi



Main Media Centre of the Olympic games with a hotel for 600 guests. Presently the complex is used as a platform for activities of the children's fund developing talents in art and science. Area: 200,000 sq.m.

Stage:
Scope:

Project Documentation, Working Documentation, Author Supervision
Structural solutions, Engineering solutions,
Special sections of Project Documentation



The second phase of a Business complex Alcon includes 'A'-class offices, cafes, retail facilities and a car parking. Area: 45,480 sq.m.

Stage:
Scope:

Project documentation
Engineering solutions, Construction management plan,
Energy efficiency

Mixed-use complexes

Mixed-use complex with sports facilities at Volokolamskoye shosse, Moscow



The mixed-use complex includes a business centre and an apartments complex.
Area: 132,015 sq.m.

Stage:
Scope:

Concept Design, Project documentation
MEP solutions, Energy Efficiency



Offices and Headquarters

Siemens Headquarters, Moscow



Siemens AG Headquarters is located in business-centre Legion II.
Area: 19,500 sq.m

Stage:
Scope:

Concept Design, Tender Documentation, Author Supervision
Engineering solutions



Mixed-use business centre with an underground car parking includes 'A'-class offices, a conference hall and a restaurant. Area: 17,596 sq.m.

Stage: Working documentation, Author Supervision
Scope: Engineering solutions

Offices and Headquarters

TNK-BP Office,
Moscow



TNK-BP Headquarters is located in the Nord Star Business centre.
Area: 37,500 sq.m.

Stage:
Scope:

Tender Documentation, Author Supervision
Engineering solutions



Business centre with class 'A' offices and its own well developed infrastructure.
Area: 80,000 sq.m

Stage:
Scope:

Concept Design, Working documentation
MEP solutions

Offices and Headquarters

D2 district of Skolkovo Innovation Centre, Moscow



Office buildings of Transmashholding centre and IT Cluster located in D2 district of Skolkovo Innovation Centre. Area: 126,000 sq.m

Stage: Concept Design, Project documentation, Working documentation, Author supervision
Scope: Structural solutions, MEP solutions, On-site utilities, Special sections of Project documentation



High-rise
and unique buildings

High-rise and unique buildings

MIBC Moscow City, Evolution Tower, Moscow



Mixed-use complex Evolution Tower includes offices, conference halls, restaurants, retail and entertainment areas and a museum complex.
Height: 250 m. Area: 154,000 sq.m.

Stage: Correction of Project documentation
Scope: Engineering solutions



Tower East is a mixed-use complex including offices, apartments, restaurants and retail premises. Height: 373 m. Area 240,000 sq.m.

Stage:
Scope:

Working documentation
Engineering solutions for water supply and sewerage systems

High-rise and unique buildings

MIBC Moscow City, plot 15,
Moscow



This mixed-use complex includes offices, a conference centre, apartments, a SPA centre with a swimming pool, a restaurant and car parking areas. Height: 286 m. Area: 315,282 sq.m.

Stage:
Scope:

Consulting services, Project documentation
Engineering solutions, Energy efficiency



The mixed-use complex includes an office tower and an apartments tower united by a six-level common low-rise part, and an underground car parking.
Height: 336,9 m. Area: 349,232 sq.m.

Stage:
Scope:

Detailed concept design, Project documentation
Engineering solutions, Construction management plan,
Environmental protection measures

High-rise and unique buildings

Mixed-use complex Savelovskiy City, Moscow

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Mixed-use complex Savelovskiy City includes apartments, offices, hotel and a car parking area. Height: 140 m. Area: 310,000 sq.m

Stage: Concept Design, Project documentation
Scope: Structural solutions, Engineering solutions

Mixed-use complex Vodniy, Moscow

High-rise and unique buildings



Mixed-use complex Vodniy includes a shopping and entertainment centre, an office complex, apartment blocks and an above-ground and an underground car parking. Height: 104 m. Area: 358,000 sq.m

Stage:
Scope:

Project documentation
Structural solutions, Engineering solutions

High-rise and unique buildings

International Business Congress Centre Pioneers, Moscow



Sport and recreational, Hotel, International Business Congress centre Pioneers consists of administrative blocks, a hotel, a sport centre and a congress-centre.
Total height - 100 m. Area: 422,700 sq.m.

Stage:
Scope:

Concept Design, Project Documentation
Structural solutions, Engineering solutions



A business-class residential complex 33 floors high, with public premises and a three-level car parking. Area: 64,616 sq.m.

Stage: Concept design, Project documentation,
Working documentation, Consulting services
Scope: Structural solutions, Engineering solutions, Energy Efficiency,
Construction management plan

High-rise and unique buildings

Residential complex Etalon-City, Moscow



Modern residential comfort class complex Etalon-City includes commercial premises, a school, a kindergarten and an educational centre .
Height - 99,8 m. Area: 440,000 sq.m.

Stage:
Scope:

Concept, Project documentation
Structural solutions, Engineering solutions,
Energy Efficiency, Construction Management Plan

Mixed-use complex Alcon III, Moscow

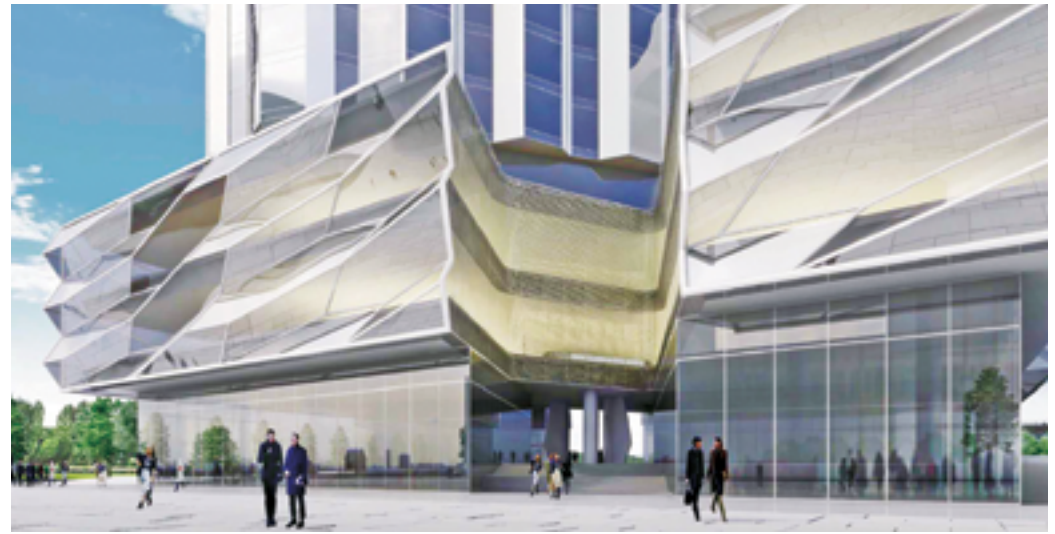
High-rise and unique buildings



This mixed-use complex includes a hotel, an office building and an underground car parking. Height: 168,100 m. Area: 53,104 sq.m

Stage:
Scope:

Project documentation
MEP solutions, Construction Management Plan, Energy Efficiency



A multi-storey residential building in ZILART residential district besides flats includes offices, shops, cafes and an underground car park. Height: 150 m. Area 57,276 sq.m

Stage: Scheme design, Project documentation, Working documentation, Author supervision
Scope: MEP solutions, Energy Efficiency



Residential complexes



New premium-class residential complex consisting of two towers 17 and 18 floors and a three level car parking. Area: 37,119 sq.m

Stage:
Scope:

Working documentation, Author Supervision
Structural solutions, Engineering solutions

Granatniy Palace Residential, Moscow

Residential complexes



Granatniy Palace is an 8-storey de luxe class residential building including 3 underground levels for car parking and a fitness centre. Area: 12,400 sq.m

Stage:
Scope:

Tender documentation
Engineering solutions



Karetniy Plaza is a mixed-use complex including apartments, offices and an underground car parking. Area: 9,000 sq.m.

Stage:
Scope:

Project documentation
Engineering solutions, Energy Efficiency



This new luxury residential complex includes a kindergarten, a sports and health centre, a restaurant, cafes, shops and a car parking. Area: 55,100 sq.m.

Stage:
Scope:

Concept Design, Project Documentation
Structural solutions, Engineering solutions, Energy Efficiency

Residential complexes

Microcity V lesu,
Moscow Region



This modern residential complex comprises several economy-class residential neighborhoods, a retail and entertainment centre, two schools and three kindergartens.
Area: 215,259 sq.m

Stage:
Scope:

Project Documentation
Structural solutions, Engineering solutions,
Special sections of Project documentation

Residential complex Albatros, Moscow

Residential complexes



Economy-class residential complex includes two blocks of various floor numbers, a kindergarten, a beauty salon, shops and an underground car parking.
Area: 116,500 sq.m

Stage:
Scope:

Working documentation, Author supervision
Engineering solutions



Park Rublevo is a new luxury residential complex including twelve 4 and 8-storey single-section houses, a kindergarten, a school and shops. Area: 108,438 sq.m.

Stage:
Scope:

Concept Design, Project documentation, Consulting services
Structural solutions, Engineering solutions, Energy Efficiency

Residential complex 1147, Moscow

Residential complexes



A new business-class residential complex with a two-level car parking and integrated public premises. Area: 162,705 sq.m.

Stage:
Scope:

Project documentation
Engineering solutions, Energy Efficiency, Construction management plan

Residential complexes

Mixed-use residential complex Vorobyov dom, Moscow



Mixed-use premium class residential complex includes residential and office areas, a children leisure centre and an underground car park. Area: 41,667 sq.m

Stage:
Scope:

Project documentation
MEP solutions, Construction management plan, Energy Efficiency

Apartment complex Tekhnopark, Moscow

Residential complexes



The apartment complex with an underground car park consists of five 15-storey buildings and includes a sport centre, a beauty salon, cafes and shops.
Area: 55,150 sq.m

Stage:
Scope:

Concept Design, Project documentation
Structural solutions, MEP solutions, Energy Efficiency, On-site utilities,
Construction Management Plan



A residential building comprising 4 blocks of various floor numbers on a shared low-rise podium includes residential and commercial areas and an underground car park. Area 32,000 sq.m.

Stage: Pre-design studies, Project documentation, Working documentation, Author supervision
Scope: Structural solutions, MEP solutions, Construction Management Plan, Energy Efficiency

Residential complex Kutuzovo, Moscow Region

Residential complexes



A large-scale residential development in Solnechnogorsk district of Moscow Region includes 39 multi-flat buildings of sectional and tower type. Area: 400,000 sq.m.

Stage:
Scope:

Master Plan, Concept, Project documentation (1st phase)
Structural and MEP solutions, On-site utilities,
Construction Management Plan, Energy Efficiency



Hotels

Mixed-use complex with a hotel, Minsk

Hotels



The mixed-use complex with an underground car parking includes a 5* Kempinski Hotel, apartments and an A-class business centre. Area: 60,000 sq.m.

Stage:
Scope:

Project Documentation
Structural solutions, Engineering solutions, Energy efficiency



Azimut is a 3* and 4* hotel and apart-hotel complex for 3,600 rooms.
Area: 175,000 sq.m

Stage:
Scope:

Project Documentation, Working Documentation
Structural solutions, Engineering solutions, On-site utilities



During the Olympic games 2014 the complex was used for accommodation of the Olympic guests. After the Olympics the complex got a second life and was restructured to apart-hotels. Area: 213,148 sq.m.

Stage:
Scope:

Project documentation (blocks 12, 14 и 17).
Structural solutions, Engineering solutions



Recreation and retreat centre Primorie includes administrative and hotel buildings with a restaurant and a night club. Area: 9,800 sq.m.

Stage:
Scope:

Project Documentation
Engineering solutions for heating, ventilation and air conditioning systems

Hotel complex at Prechistenskaya Embankment, Moscow

Hotels



A 5* hotel complex involving Hilton Worldwide has a SPA and a fitness centre, a restaurant with a bar, an underground car parking. Area: 18,744 sq.m

Stage: Concept Design, Project documentation
Scope: Structural solutions, MEP solutions, Energy Efficiency, Construction Management Plan



Shopping malls

Shopping centre Vodniy, Moscow



Shopping malls



Shopping centre Vodniy is part of the mixed use complex Vodniy. It includes over 100 shops, a hypermarket, cafes, a multiplex cinema, a children entertainment area and a 6-level car park. Total area of the Mixed-use complex: 358,000 sq.m

Stage:
Scope:

Project documentation
Structural solutions, Engineering solutions

Shopping malls

Shopping and Entertainment complex Krasnodar Gallery-2, Krasnodar



The second stage of Krasnodar Gallery shopping and entertainment centre includes shops, boutiques, restaurants and cafes. Area: 52,200 sq.m.

Stage:
Scope:

Project documentation
Structural solutions, Engineering solutions,
Construction management plan, Energy Efficiency

VolgaMall Shopping Complex, Volzhskiy

Shopping malls



VolgaMall shopping and entertainment complex includes hypermarkets, shops, restaurants and cafes, an entertainment centre and a multiplex cinema.
Area: 45,000 sq.m.

Stage:
Scope:

Project documentation
Engineering solutions

Shopping malls

Shopping and entertainment complex Gagarinskiy, Moscow



Gagarinskiy shopping and entertainment centre including a hypermarket, shops, a food court and an underground multi-level car parking. Area: 200,000 sq.m.

Stage:
Scope:

Consulting services
Structural solutions, Engineering solutions

Shopping and entertainment complex Troyka, Moscow

Shopping malls



Troyka shopping complex includes hypermarkets, shops, restaurants and cafes, an entertainment area for children and a three-level underground car parking.
Area: 154,000 sq.m.

Stage:
Scope:

Project documentation
Structural solutions, Engineering solutions

Shopping malls

MEP fit-out projects of TsUM Department store, Moscow



MEP fit-out projects for the world famous tenants of TsUM Department store, such as Crystal, Basso, Agent Provocateur and others. Area: 2,000 sq.m.

Stage:
Scope:

Working documentation
MEP solutions





A football stadium with a possibility for holding cultural and entertainment public events. The total spectator capacity of the stadium is up to 81,000.
Area: 221,000 sq.m

Stage:
Scope:

Concept Design, Project Documentation, Working Documentation
Structural solutions, Engineering solutions,
Construction Management Plan, Energy Efficiency

Dinamo Stadium, Moscow



Stadiums



Mixed-use sports and entertainment complex combines modern hotel, residential, office and retail areas. Area: 322,000 sq.m.

Stage:
Scope:

Project Documentation
Engineering solutions, Energy efficiency



Construction project of a new football stadium, which complies with the requirements of UEFA, FIFA, RFU standards for a Russian football club of 'A' league FC Krasnodar. Area: 111,274 sq.m.

Stage:
Scope:

Project documentation
Structural solutions, Engineering solutions



Water parks
and Ocean parks

Water parks

Mixed-use complex Moreon, Moscow



Mixed-use complex Moreon includes a big aqua park with water slides, a fitness centre, thermae, SPA, bowling, restaurants and an entertainment park for children.
Area: 54 619 sq.m

Stage:
Scope:

Project documentation, Working documentation
Structural solutions, Engineering solutions, Energy Efficiency



Shopping and entertainment centre Oceanarium includes aquariums, a shopping centre, an educational and entertainment complex, cinema, restaurants and a hotel. Area: 160,000 sq.m

Stage:
Scope:

Project documentation, Working documentation
Structural solutions, MEP solutions

Water parks

Sports and recreation centre with a water park at Borisovskiye prudy, Moscow



The complex will comprise a water park, swimming pools, a fitness centre, a children entertainment area, a bath and sauna complex and an exhibition centre with aquariums. Area 55,430 sq.m.

Stage:
Scope:

Project documentation
MEP solutions

Family entertainment centre Fantasy Park, Moscow

Water parks



Mixed-use leisure complex with a water park, children play area, restaurants, cafes and a bowling. Area: 18,000 sq.m.

Stage:
Scope:

Concept design
MEP solutions for the reconstruction project

Water parks

Entertainment centre with Kva-Kva water park, Moscow Region



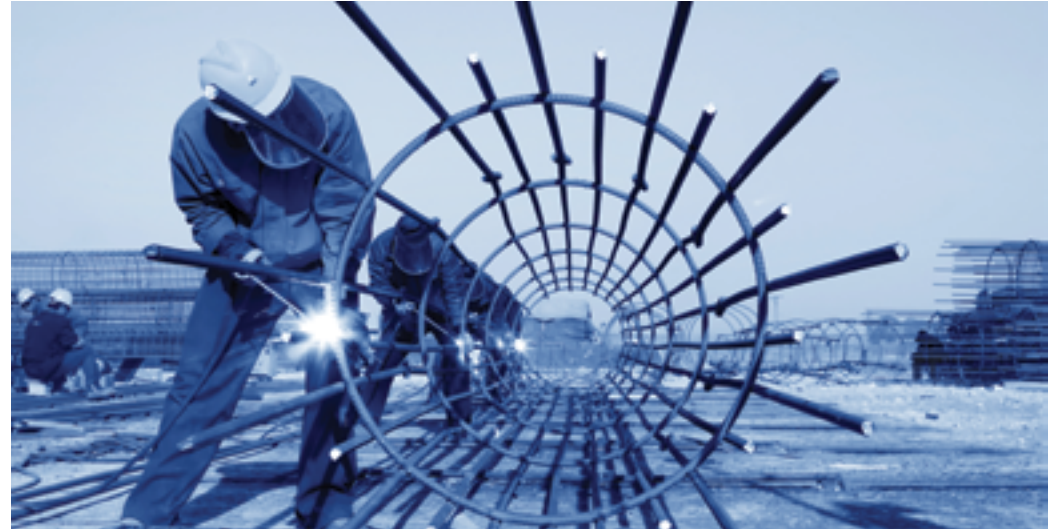
Kva-kva water park is provided with all the necessary facilities for comfortable rest – various water attractions, a SPA-complex, restaurants and cafes.
Area: 12,000 sq.m

Stage:
Scope:

Concept Design, Project documentation, Working documentation
Structural solutions, MEP solutions



POS and Utilities



We offer design development for the full range of on-site utilities to ensure functioning and operation of all our designed buildings and facilities. Our company also offers services in development of Construction Management Plans and Works Execution Plans, which allow to optimize the construction process, ensure rational use of construction machinery, and increase general construction safety and quality of works.



Engineering infrastructure of the Skolkovo Innovation Centre is an effective system which provides all complex of public utilities for the centre. It creates comfortable and environmentally friendly living conditions for residents and guests. Area: 398 ha

Stage:
Scope:

Land Plot Organisation Plan
On-site utilities



Staraya Bitsa is a residential complex including multi-section houses, kindergartens, a school and a multi-level open car parking area. Area: 443,335 sq.m.

Stage:
Scope:

Project documentation
Structural solutions, Engineering solutions



A year-round theme park and entertainment centre of international level. The adventure park includes 6 theme areas and over 50 amusement rides of international level. Area: 12,000 sq.m

Stage: Concept Design of park utilities
Project documentation for the Olympic Shopping Centre
Scope: Park utilities, Structural solutions, Engineering solutions

THANK YOU FOR ATTENTION!

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