COMBINING LOCAL KNOWLEDGE AND GLOBAL EXPERIENCE

GENERAL CAPABILITY
KAZAKHSTAN
We structure ourselves around our clients’ sectors to offer industry relevant advice.

GLOBAL EXPERTISE
AECOM KAZAKHSTAN
PROJECT EXPERIENCE IN KAZAKHSTAN

THE ABU DHABI PLAZA ASTANA
Astana, Kazakhstan
Services: Construction Supervision Consultancy

The Abu Dhabi Plaza is a multi-use building that will become an iconic symbol of the city of Astana, Kazakhstan. The project consists of five independent high-rise buildings, the highest being circa 75 storeys set on a two-storey podium (Retail Shopping Mall) above a four-storey car park.
Across the globe, people are changing the way they work, live and play. A woman who goes to her office in Tokyo works with a team in New York. A man who commutes has bought an electric car. At AECOM, we seek to help transform communities and positively impact lives. We seek to enhance and sustain built, natural and social environments. With our blend of professional and technical services, we are able to take a project through its life cycle. We design, build, finance and operate the world’s modern infrastructure. Our large community of nearly 100,000 experts across 150 countries are dedicated to careers ranging from architecture and engineering to science and design. Our attention to details and clients’ needs has established AECOM as a leading design and construction services provider across a diverse collection of markets from transportation, environment, and government to high-rise buildings. We are proud to build innovative and sustainable communities to meet your needs.

ACCORDING TO ENGINEERING NEWS-RECORD’S 2014 RANKING, AECOM IS:

<table>
<thead>
<tr>
<th>No.</th>
<th>Category</th>
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<tr>
<td>1</td>
<td>General Buildings</td>
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<tr>
<td>2</td>
<td>Transportation</td>
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<tr>
<td>3</td>
<td>Sewer and Waste Hazardous Wastes</td>
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NO 1. GENERAL BUILDINGS TRANSPORTATION
NO 2. POWER WATER
NO 3. SEWER AND WASTE HAZARDOUS WASTES

* Engineering News-Record is the most recognized publication in the engineering and construction industry. The rankings are based on annual revenue in the United States and abroad, and are further divided into specific market categories.

EMERGING STRONGER...

AECOM BRANDS

AECOM has grown to be a Fortune 500 company, and one of the most respected professional service providers in the world. We have brought together the expertise of our Legacy companies to create distinct capabilities that offer clients access to integrated services and seamless delivery.

The addition of prominent Legacy companies and the services they have brought with them to the AECOM brand reflect our commitment to meet our clients’ evolving needs around the world.

GLOBAL EXPERTISE

ONE WORLD TRADE CENTER
New York City, USA
Services: Construction Management
The One World Trade Center, whose construction was overseen by Tishman Construction, an AECOM company, became the tallest building in New York. The building houses 278,709.12m² of office space and 92,903.04m² of glass façade - enough to cover 20 NFL football fields.
THE CRESCENT COMPLEX
Baku, Azerbaijan
Services: Project Management

The Crescent Complex is a mixed-use development comprising two high-rise residential and commercial towers grouped around a retail podium and linked by seven-star, iconic hotel with 360 rooms on the Caspian Sea.

We stand by our clients and support them all the way.

From road, rail, energy and water systems to enhancing environments and creating new buildings and communities, our vision is to make the world a better place.

A trusted partner to our clients, we draw together teams of engineers, planners, architects, landscape architects, environmental specialists, economists, scientists and program managers — all dedicated to finding solutions and improving the quality of life.

Formed from many of the world’s finest engineering, design, environmental and planning companies, AECOM’s technical expertise and creative excellence combine to provide fully integrated planning, design, engineering, environment and program management capabilities to a broad range of markets.

Our adaptable and flexible approach to projects delivers consistency, longevity and high quality along with efficiencies in cost and time.

Uniquely equipped to design and manage projects of any type or scale, we are a single and comprehensive source of solutions. AECOM enhances and sustains the world’s built, natural and social environments.
WHY AECOM?

As a large community of leading experts, we make connections others can’t. Where others see technical problems, we see human possibilities.

Our ability to draw together experts from all relevant disciplines allows us to assemble the right team to deliver a complete, bespoke solution for every project.

We can offer access to global resources locally, drawing on a range of specialist skills worldwide to respond to the specific needs of any client anywhere.

Combining our business planning capability with our engineering expertise, we act as a trusted partner to our clients, taking the time to understand the scope and specific requirements of every brief, ensuring we deliver a high-quality experience and good value for our clients. With strong management and delivery processes, we regularly achieve impressive cost savings on projects of all sizes.

We have the right expertise to help you.

We provide cost savings and value for money.

We provide services that focus on reducing client risk, improving value and assuring outcomes on every project.

We speak your language – many of our people have worked as clients in previous roles so we understand the issues you face.

We run projects so they are completed to time and budget.

We guarantee to provide specialists not generalists – that’s what adds the real value to the project and sets us apart from our competitors.

Our technical ability is proven – we provide solutions that work.

Our global reach means we can always find someone with previous experience – whatever the challenge.

Our workforce is flexible and agile – we mobilise teams quickly when required.

EUROCODES

Almaty, Kazakhstan
Services: Technical Advisory Services

AECOM is a part of the reformation of the technical construction regulations of the Republic of Kazakhstan. In Kazakhstan, existing regulations have been changed to match Eurocodes as a part of one stage of a large-scale modernisation of the technical regulation system in the construction industry.

8 9
AECOM Kazakhstan provides a range of Project Management services controlling our clients’ projects and giving them support, flexibility and unbiased advice. We provide the following:

- Project/Programme Management
- Construction Management
- EPCM
- Procurement Management
- Design Management
- Design and Estimate Documentation Development
- Design Localization/Adaptation
- Author’s Supervision
- Approvals Management
- Approvals Management
- Planning & Scheduling
- Cost Management
- Technical Supervision
- Technical Due Diligence
- Loan Monitoring

We help our clients deliver critical resources and services, improve the places where people live and work, and sustain a world in which we can all flourish.

AECOM’s Almaty office was opened in 2004 to meet a growing demand for consultancy services in Kazakhstan. Our team has established a sound reputation as experienced and highly qualified construction specialists in the region.

In addition to our main registered office in Almaty, we have expanded our presence to other major cities including Astana, Aktau, and Atyrau.

AECOM Kazakhstan offers a range of services both for local and international clients.

Whether we serve clients at one phase of the project lifecycle or throughout it, our role is to apply creative vision, technical expertise, interdisciplinary insight, and local experience to address complex challenges in new and better ways.

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CENTRAL REFERENCE LABORATORY

Biological laboratories; 8,100 m²

Almaty, Kazakhstan

Services: Project and Construction Management

The building is being designed to contain Bio Safety Pathogens at level 3 in a high risk seismic zone, requiring additional structural strengthening measures to maintain the building’s integrity in the event of a catastrophic earthquake.
NOVA AZS
Petrol Stations, Astana, Almaty, Kazakhstan
Services: Design
Modular-type petrol station design is to be developed for two types of buildings with effective floor areas of 520 m² and 230 m², located in Almaty and Astana, Kazakhstan.

WEATHERFORD
Oil & Gas Facility, 14174 m²
Aktau, Kazakhstan
Services: Design
In order to upgrade the existing facility, which is located in the industrial zone of Aktau, the client engaged AECOM KZ LLP to design the new facility.

BIOSAFETY LABORATORY
Biological laboratories, 700 m²
Almaty, Kazakhstan
Services: Project and Construction Management
This project comprises a bespoke, state-of-the-art bio-containment laboratory building that houses trained and mentored scientists who are carrying out the technical processes needed to support the Biological Threat Reduction Programme’s (BTR) goals and objectives.

PANTHEON ASTANA
MEMORIAL MONUMENT
Astana, Kazakhstan
Services: Concept Design
The Pantheon is to become a memorial burial vault, a monument of glory for the distinguished people of Kazakhstan. AECOM is responsible for conceptual design.
PRIME PLAZA ALMATY
Almaty, Kazakhstan
Services: Project and Cost Management
The Prime Plaza Almaty is a mixed-use development spanning 32,000m² and comprising cinemas, an entertainment zone, a supermarket, an electronics store, a food court and fashion retail stores. There is a car park with a capacity of 500 spaces, of which 315 are above ground and the remaining 185 spaces are underground.

PARKVIEW OFFICE TOWER
Almaty, Kazakhstan
Services: Construction Supervision
The Park View Office Tower is a 16 storey office building located in the heart of Almaty. The building’s modern look has made it a highlight of Almaty’s skyline. At 73 metres high, the building covers a 3,006 m² plot of land.

ESSENTAI TOWERS ALMATY
Almaty, Kazakhstan
Services: Cost / Value Due Diligence
Esentai Apartments is the final stage of the ambitious, three-step Almaty project - Esentai Park. The Park comprises a premium class trade centre, ‘Esentai Mall’; an A-class business centre, ‘Esentai Tower’; a Ritz-Carlton luxury hotel, ‘Ritz-Carlton Almaty’. Esentai Apartments tailor modern design to a business lifestyle.

GRAND ASTANA RESIDENTIAL COMPLEX
Astana, Kazakhstan
Services: Design, Cost Management and Due Diligence
The Grand Astana Residential Complex is a residential development comprising 765,000m². The construction area spans 22 hectares across which a group of 16-30 storey modern buildings are being erected.

EMERALD TOWERS
Office Tower and Conference Centre
112,330m²
Astana, Kazakhstan
Services: Construction Management and Design Consultant
The Emerald Towers comprise an individually designed office and conference complex with deep piers foundations, three levels of underground parking space, and 45 upper floors of class A office and conference centre space.
SHAGALA HOTEL
Aktau, Kazakhstan
Services: Project Management
The hotel is located near the city centre. The Shagala Hotel offers 28 new standard hotel rooms, many with balconies and sea views. The rooms are well appointed and boast full amenities. In addition, the property has 55 elegant suites suitable for longer stays or executive use.

BOROVOE VILLAGE RESORT
Borovoe, Kazakhstan
Services: Quality Control
We provided quality control and site supervision services for this residential resort development in Borovoe, a popular holiday location in Kazakhstan. There are 254 cottages, cottages styled after traditional Finnish cabins. Along with the cabins, the resort features a cultural and entertainment centre, a swimming pool and parking for guests.
TULPAR TALGO ROLLING STOCK FACTORY
Astana, Kazakhstan
Services: Technical Due Diligence

The compound’s area, including auxiliary buildings, is 34,906.50m², and comprises 15 different buildings. Among the buildings is the main production building, the administrative building, and auxiliary facilities such as transformers, boiler plants, a warehouse, a compressor station, and an argon station. Car parks and open-air storage areas are also a part of the compound.

JP MORGAN CHASE BANK
KAZAKHSTAN
Almaty, Kazakhstan
Services: Design, Project & Cost Management

We provided working design, project, and cost management services for the fit-out of JP Morgan Chase Bank Kazakhstan’s office in Almaty, Kazakhstan. In particular, we handled the detailed architectural and MEP design for the project. Other services include the procurement of a General Contractor.

NAZARBAYEV UNIVERSITY SCIENTIFIC AND EDUCATION COMPLEX
Astana, Kazakhstan
Services: Technical Due Diligence

The 860,853m² Nazarbayev University is a strategic challenge in the development of education infrastructure and new technology in the Republic of Kazakhstan. This is the first university in Kazakhstan that is committed to upholding international academic standards, and is guided by the principles of autonomy and academic freedom.

MICROSOFT ASTANA OFFICE FIT-OUT
Astana, Kazakhstan
Services: Project Management

The solutions that were developed for the Microsoft office in Astana are distinguished by an unconventional approach, creativity, and innovation. They reflect the industry’s dynamics and energy of the new city. The office features a high number of non-standard work formats for ‘nomad workers’, and about 60% of the work space is used as such according to various estimates. The space has been made flexible because most of the company’s products are developed in teams, and working hours depend on the various time zone limitations of colleagues and partners.

SHELL OFFICE FIT-OUT

The scope of the project comprised project management for a 900m² office area. The services provided included project initiation, cost and budget control, work schedule monitoring, engineering supervision, and the reporting of all activities. The project was completed in accordance with all of the terms and conditions of the contract and the client’s requirements.

PRICEWATERHOUSECOOPERS OFFICE
HVAC SYSTEM ASSESSMENT
Almaty, Kazakhstan
Services: Assessment of HVAC system in Almaty office of PriceWaterhouseCoopers

AECOM engineers conducted visual inspections of the PWC Almaty office to assess the effectiveness of the heating ventilation and air conditioning system’s excess cooling and heating capacity and noise rate. The assessment report incorporated recommendations on defect elimination to increase the system’s efficiency to meet the client’s expectations.
FORT SHEVCHENKO WIND FARM
Aktau, Kazakhstan
Services: Concept Design
The wind farm project is located in the Tupkaragan district of the Mangystau region in an area with a high wind speed of 7.48 m/s. The project has been divided into two stages. The first stage includes the implementation of 20 MW, followed by an extension for 22 MW. SMART grid technology has been used, allowing for the more effective distribution and use of electric power.

REMEDIATION GUIDELINE DEVELOPMENT
Aksai, Kazakhstan
Services: Guideline Development
AECOM was appointed by Karachaganak Petroleum Operating B.V. to evaluate remediation strategies and develop guidelines for the remediation of soil, surface and underground water contaminated by a hydrocarbon spill. We were tasked with applying the best treatment technology at KPO B.V. facilities located in the northeast region of Karachaganak.
ENHANCING AND SUSTAINING THE WORLD’S BUILT, NATURAL AND SOCIAL ENVIRONMENTS

Country Manager
Marina Kostanian
marina.kostanian@aecom.com
tel: +7 777 755 88 05

Business Development Manager
Saniya Kurmanbekova
saniya.kurmanbekova@aecom.com
tel: +7 777 755 88 57

About AECOM
AECOM is a premier, fully integrated professional and technical services firm positioned to design, build, finance and operate infrastructure assets around the world for public- and private-sector clients. The firm’s global staff — including architects, engineers, designers, planners, scientists and management and construction services professionals — serves clients in over 150 countries around the world. AECOM is ranked as the #1 engineering design firm by revenue in Engineering News-Record magazine’s annual industry rankings, and has been recognized by Fortune magazine as a World’s Most Admired Company. The firm is a leader in all of the key markets that it serves, including transportation, facilities, environmental, energy, oil and gas, water, high-rise buildings and government. AECOM provides a blend of global reach, local knowledge, innovation and technical excellence in delivering customized and creative solutions that meet the needs of clients’ projects. A Fortune 500 firm, AECOM companies, including URS Corporation and Hunt Construction Group, have annual revenue of approximately $19 billion.

More information on AECOM and its services can be found at www.aecom.com.

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