

PRESENTATION OF THE GROUP OF COMPANIES



2025

+100

COMPLETED PROJECTS

+80

DESIGNED FACILITIES

Resources of TANSU **Construction company, Asia Techno Complect, Astel-K, KazPromService, and CTGLOBAL** have merged to offer a comprehensive range of services in civil and industrial construction. This includes professional expertise in the design, supply, and installation of complex engineering networks and equipment for various technological processes.

The group of companies employs highly qualified engineers, project managers, and certified construction teams, all of whom possess permits for projects of varying complexity.

Our group of companies specializes in general construction work, including the erection of buildings, structures, industrial complexes, and warehouses of any complexity.

We offer a full range of turnkey construction services from the ground up.



MISSION

We are shaping the future with advanced technologies and innovative solutions.

Our mission is to enhance daily life by creating more comfortable, safe, and eco-friendly living conditions.



GOAL

Become a top EPC contractor in the industrial and civil construction sectors.



VALUES

01

Trust among customers, partners, and suppliers

02

Ensure compliance with project deadlines while maintaining quality and staying within the approved budget.

03

A team prepared to design and construct projects of any complexity

04

Courage to embrace new perspectives and opportunities

05

Sincerity - we act in a reliable, honest, and transparent manner



QUALITY POLICY

At TANSU CONSTRUCTION, we create value for our customers.

Our Quality Policy sets out commitments to maintain the quality management principles.

They are realistic and designed to give our stakeholders an idea of TANSU CONSTRUCTION's thoughts and actions with regard to quality when providing products and services.

Our Quality Policy corresponds to our three strategic principles:

SUSTAINABLE DEVELOPMENT



LEAN CONSTRUCTION



GROWTH OF PROFITABILITY



Our obligations:

- To develop our corporate culture that ensures high quality
- To manage risks associated with the quality of our products and services
- To implement the principles of the process approach
- To constantly strive to simplify and improve the way we work
- To measure quality indicators in order to ensure our success

We will do this with the help of:

- Providing the necessary training and support to enable our employees to meet the requirements of this Policy and the Quality Objectives.
- Timely identification, investigation, and elimination of causes of nonconformities for continuous improvement.
- Regularly analyze risks related to the quality of products and services, and implement effective plans and measures to mitigate them.
- Focusing equally on quality and customer service alongside financial aspects and productivity.
- Compliance with obligations established in legal, industry standards, and specifications related to quality management.
- Assessing and evaluating the quality of the work performed by subcontractors and suppliers through collaborative relationships and effective communication regarding quality concerns.
- Demonstrations of commitment to maintaining modern, safe working practices and a focus on environmental care.
- Ensuring sufficient commitment and resources for both the implementation and ongoing maintenance of our quality system.
- Identifying, understanding, and meeting customer needs.

ISO CERTIFICATES

ГОСУДАРСТВЕННАЯ СИСТЕМА
ТЕХНИЧЕСКОГО РЕГУЛИРОВАНИЯ РЕСПУБЛИКИ КАЗАХСТАН

KZ.Q.02.10973
QMS

СЕРТИФИКАТ СООТВЕТСТВИЯ
зарегистрирован в реестре данных
государственной системы технического регулирования
№ КЗ.Q.02.10973 С24.02.7636
Действителен до 24.09.2027 г.
Дата первичной сертификации: 24.09.2024 г.

ОРГАН ПО ПОДТВЕРЖДЕНИЮ СООТВЕТСТВИЯ
БИН 161040015319, TOO "Metanof Certification", Республика Казахстан, г. Алматы, Ауэзовский район, улица
Сатпаева, дом 30.

НАСТОЯЩИЙ СЕРТИФИКАТ ВЫДАН
БИН 621040005165, TOO "TANSU Certification", Республика Казахстан, Карагандинская область, Абайский
район, с. Абай, ул. Степ Сеифуллин, стр-е 2В.

И УДОСТОВЕРЯЕТ, ЧТО
Система менеджмента качества

ПРИМЕНительно К
Строительно-монтажные работы (41.20.1, 41.20.2, 42.11.1, 42.21.1, 43.21.8, 43.22.0, 43.29.8, 43.91.0, 43.12.3,
43.21.1)

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ
СТ РК ISO 9001:2016 (ISO 9001:2015) «Системы менеджмента качества. Требования»

Руководитель органа по подтверждению
соответствия или уполномоченное им лицо

И. КУЛБАЕВА
М. АБНЕВА

Эксперт-аудитор

Данный документ соответствует стандарту ISO 9001:2015 (СТ РК ISO 9001:2016) и является документом, подтверждающим соответствие системы менеджмента качества требованиям стандарта. Документ является собственностью клиента. Внесение изменений в документ без разрешения органа по подтверждению соответствия не допускается. Подделка, копирование, распространение документа без разрешения органа по подтверждению соответствия не допускается. Ответственность за достоверность информации, содержащейся в документе, несет клиент.

ISO 9001

ГОСУДАРСТВЕННАЯ СИСТЕМА
ТЕХНИЧЕСКОГО РЕГУЛИРОВАНИЯ РЕСПУБЛИКИ КАЗАХСТАН

KZ.Q.02.10973
EMS

СЕРТИФИКАТ СООТВЕТСТВИЯ
зарегистрирован в реестре данных
государственной системы технического регулирования
№ КЗ.Q.02.10973 С24.02.7637
Действителен до 24.09.2027 г.
Дата первичной сертификации: 24.09.2024 г.

ОРГАН ПО ПОДТВЕРЖДЕНИЮ СООТВЕТСТВИЯ
БИН 161040015319, TOO "Metanof Certification", Республика Казахстан, г. Алматы, Ауэзовский район, улица
Сатпаева, дом 30.

НАСТОЯЩИЙ СЕРТИФИКАТ ВЫДАН
БИН 621040005165, TOO "TANSU Certification", Республика Казахстан, Карагандинская область, Абайский
район, с. Абай, ул. Степ Сеифуллин, стр-е 2В.

И УДОСТОВЕРЯЕТ, ЧТО
Система экологического менеджмента

ПРИМЕНительно К
Строительно-монтажные работы (41.20.1, 41.20.2, 42.11.1, 42.21.1, 43.21.8, 43.22.0, 43.29.8, 43.91.0, 43.12.3,
43.21.1)

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ
СТ РК ISO 14001:2016 (ISO 14001:2015) «Системы экологического менеджмента. Требования и руководство по
применению»

Руководитель органа по подтверждению
соответствия или уполномоченное им лицо

И. КУЛБАЕВА
М. АБНЕВА

Эксперт-аудитор

Данный документ соответствует стандарту ISO 14001:2015 (СТ РК ISO 14001:2016) и является документом, подтверждающим соответствие системы экологического менеджмента требованиям стандарта. Документ является собственностью клиента. Внесение изменений в документ без разрешения органа по подтверждению соответствия не допускается. Подделка, копирование, распространение документа без разрешения органа по подтверждению соответствия не допускается. Ответственность за достоверность информации, содержащейся в документе, несет клиент.

ISO 14001

ГОСУДАРСТВЕННАЯ СИСТЕМА
ТЕХНИЧЕСКОГО РЕГУЛИРОВАНИЯ РЕСПУБЛИКИ КАЗАХСТАН

KZ.Q.02.10970
OHSMS

СЕРТИФИКАТ СООТВЕТСТВИЯ
зарегистрирован в реестре данных
государственной системы технического регулирования
№ КЗ.Q.02.10970 С23.02.6559
Действителен до 21.09.2025 г.
Дата первичной сертификации: 21.09.2022 г.

ОРГАН ПО ПОДТВЕРЖДЕНИЮ СООТВЕТСТВИЯ
БИН 160140016299, TOO "Юрды Сервис", Республика Казахстан, г. Алматы, Акимский район, улица
Резолюция, дом 68, офис 9.

НАСТОЯЩИЙ СЕРТИФИКАТ ВЫДАН
БИН 621040005165, TOO "TANSU Certification", Республика Казахстан, Карагандинская область, Абайский
район, город Абай, улица Степ Сеифуллин, строение 2В.

И УДОСТОВЕРЯЕТ, ЧТО
Система менеджмента безопасности труда и охраны здоровья

ПРИМЕНительно К
строительно-монтажные работы (41.20.1, 41.20.2, 42.11.1, 42.21.1, 43.12.3, 43.21.1, 43.21.9, 43.22.0, 43.29.8,
43.91.0)

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ
СТ РК ISO 45001:2019 (ISO 45001:2018) «Системы менеджмента безопасности труда и охраны здоровья.
Требования и руководство по применению»

Руководитель органа по подтверждению
соответствия или уполномоченное им лицо

Ж. УКБАЕВА
К. СЫДЫКОВА

Эксперт-аудитор

Данный документ соответствует стандарту ISO 45001:2019 (СТ РК ISO 45001:2019) и является документом, подтверждающим соответствие системы менеджмента безопасности труда и охраны здоровья требованиям стандарта. Документ является собственностью клиента. Внесение изменений в документ без разрешения органа по подтверждению соответствия не допускается. Подделка, копирование, распространение документа без разрешения органа по подтверждению соответствия не допускается. Ответственность за достоверность информации, содержащейся в документе, несет клиент.

ISO 45001

ГОСУДАРСТВЕННАЯ СИСТЕМА
ТЕХНИЧЕСКОГО РЕГУЛИРОВАНИЯ РЕСПУБЛИКИ КАЗАХСТАН

KZ.Q.02.10970
BIMS

СЕРТИФИКАТ СООТВЕТСТВИЯ
зарегистрирован в реестре данных
государственной системы технического регулирования
№ КЗ.Q.02.10970 С23.02.6559
Действителен до 15.12.2026 г.
Дата первичной сертификации: 15.12.2020 г.

ОРГАН ПО ПОДТВЕРЖДЕНИЮ СООТВЕТСТВИЯ
БИН 150240022876, TOO "QS Астана Сервис", Республика Казахстан, г. Алматы, Ауэзовский район, ул. Тимур
298/7, оф-95

НАСТОЯЩИЙ СЕРТИФИКАТ ВЫДАН
БИН 621040005165, TOO "TANSU Certification", Республика Казахстан, Карагандинская область, Абайский
район, город Абай, улица Степ Сеифуллин, строение 2В.

И УДОСТОВЕРЯЕТ, ЧТО
Система менеджмента безопасности

ПРИМЕНительно К
строительно-монтажные работы (41.20.1, 41.20.2, 42.11.1, 42.21.1, 43.12.3, 43.21.1, 43.21.9, 43.22.0, 43.29.8,
43.91.0)

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ
СТ РК ISO 39001:2019 (ISO 39001:2018) «Системы менеджмента безопасности. Требования и руководство
по применению»

Руководитель органа по подтверждению
соответствия или уполномоченное им лицо

К. КУЛЖАНОВА
К. КУЛЖАНОВА

Эксперт-аудитор

Данный документ соответствует стандарту ISO 39001:2019 (СТ РК ISO 39001:2019) и является документом, подтверждающим соответствие системы менеджмента безопасности требованиям стандарта. Документ является собственностью клиента. Внесение изменений в документ без разрешения органа по подтверждению соответствия не допускается. Подделка, копирование, распространение документа без разрешения органа по подтверждению соответствия не допускается. Ответственность за достоверность информации, содержащейся в документе, несет клиент.

ISO 50001



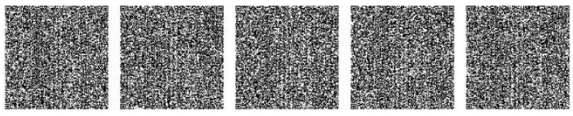
ADVANTAGES





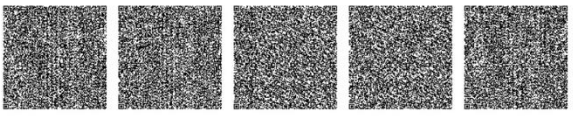
- Designing facilities for any purpose, complexity, and function
- Design project development
- BIM modeling, 3D and digital twins
- Construction and installation works of any complexity
- Installation and maintenance of engineering systems
- Commissioning and start-up works
- Workshop for assembling automation cabinets and vandal-proof furniture

- Repair and maintenance of special equipment
- Testing laboratory
- Production bases
- Over 150 manufacturing partners
- Over 300 pieces of equipment
- Concrete Mixing Plant (stationary and mobile plants), Asphalt Mixing Plant

LICENCES

		21000165
		
ЛИЦЕНЗИЯ		
<u>08.01.2021 года</u>	<u>21000165</u>	
Выдана	Товарищество с ограниченной ответственностью "TANSU Construction" 050039, Республика Казахстан, Карагандинская область, Сатпаев Г.А., г. Сатпаев, А. Куниебаева, дом № 68, 17 БИН: 021040005165 <small>(полное наименование, местонахождение, бизнес-идентификационный номер юридического лица (в том числе иностранного юридического лица), бизнес-идентификационный номер физлица или представителя иностранного юридического лица – в случае отсутствия бизнес-идентификационного номера у юридического лица/полностью фамилия, имя, отчество (в случае наличия), индивидуальный идентификационный номер физического лица)</small>	
на занятие	Строительно-монтажные работы <small>(наименование лицензируемого вида деятельности в соответствии с Законом Республики Казахстан «О разрешениях и уведомлениях»)</small>	
Особые условия	I категория <small>(в соответствии со статьей 36 Закона Республики Казахстан «О разрешениях и уведомлениях»)</small>	
Примечание	Неотчуждаемая, класс I <small>(отчуждаемость, класс разрешения)</small>	
Лицензиар	Государственное учреждение "Управление государственного архитектурно-строительного контроля Карагандинской области". Акимат Карагандинской области. <small>(полное наименование лицензиара)</small>	
Руководитель (уполномоченное лицо)	Абильтаев Бейбит Мухтарович <small>(фамилия, имя, отчество (в случае наличия))</small>	
Дата первичной выдачи	<u>01.07.2004</u>	
Срок действия лицензии		
Место выдачи	<u>г.Караганда</u>	
		

TANSU

		21008474
		
ЛИЦЕНЗИЯ		
<u>19.02.2021 года</u>	<u>№17-ТС/1 №000089</u>	
Выдана	Товарищество с ограниченной ответственностью "АСТЕЛ-К" 050004, Республика Казахстан, г. Алматы, улица Наурызбай батыра, дом № 8 БИН: 060940013976 <small>(полное наименование, местонахождение, бизнес-идентификационный номер юридического лица (в том числе иностранного юридического лица), бизнес-идентификационный номер физлица или представителя иностранного юридического лица – в случае отсутствия бизнес-идентификационного номера у юридического лица/полностью фамилия, имя, отчество (в случае наличия), индивидуальный идентификационный номер физического лица)</small>	
на занятие	Проектная деятельность <small>(наименование лицензируемого вида деятельности в соответствии с Законом Республики Казахстан «О разрешениях и уведомлениях»)</small>	
Особые условия	I категория <small>(в соответствии со статьей 36 Закона Республики Казахстан «О разрешениях и уведомлениях»)</small>	
Примечание	Неотчуждаемая, класс I <small>(отчуждаемость, класс разрешения)</small>	
Лицензиар	Коммунальное государственное учреждение "Управление градостроительного контроля города Алматы". Акимат города Алматы. <small>(полное наименование лицензиара)</small>	
Руководитель (уполномоченное лицо)	Наурызбеков Бахытжан Асанович <small>(фамилия, имя, отчество (в случае наличия))</small>	
Дата первичной выдачи	<u>22.10.2006</u>	
Срок действия лицензии		
Место выдачи	<u>г.Алматы</u>	
		

ASTEL-K

HUMAN RESOURCES



1050+ EMPLOYEES

- Director
- Managing Director
- Construction Director
- Project coordinators
- Project managers
- Technical Development Department
- Construction & Technical Department
- Quality Control Department
- Estimating and Economic Department
- Planning Department
- Safety and Labor Department
- Procurement & Logistics Department
- Financial Services
- Management personnel
- Warehousing
- Production base



500+ EMPLOYEES

- Director
- Chief Mechanic
- Transportation Coordinator
- Regional mechanics
- Operations and Maintenance Managers
- Chief Dispatcher
- Line dispatchers
- Procurement Department
- Financial Services
- Truck drivers
- Drivers of passenger vehicles
- Truck crane operators
- Tower crane operators
- Special equipment operators



70+ EMPLOYEES

- Director
- Advisor to the Director
- Project Coordinator
- Chief Project Engineer
- Lead Architect, architects
- Process Control System Service
- BIM
- Designers
- Structural Engineers
- HVAC Engineer
- Water Supply Engineer
- Electrical Engineer, Lighting Engineer
- Fire Protection Engineer, Fire Alarm Engineer, Low-Current Systems Engineer
- Master plan specialists
- Chief Power Engineer
- Process Control Engineer



150+ EMPLOYEES

- Director
- Technical Director
- Project manager
- Regional Manager
- Administrative and Economic Department Manager
- Service specialists
- Laundry managers
- Canteen managers
- Cooks, kitchen workers
- Building supervisor, Maintenance Staff

**TOTAL STAFF
OF THE
GROUP OF
COMPANIES**

1 700+





- General construction work
- Installation of engineering systems
- Chief installation, commissioning works
- Selection and delivery of equipment
- Executive documentation
- Technical and financial control



- Provision of special-purpose vehicles
- Concrete and metal structure manufacturing
- Maintenance and repair of all types of motor vehicles



- Development of preliminary designs
- Design and Construction Documentation
- Development of technical solutions
- Project adaptation, equipment selection
- Preparation of custom specifications
- Technical and designer supervision



- Dry cleaning services
- Accommodation arrangements
- Organization of catering
- Service and technical maintenance of enterprise infrastructure



- Design and implementation of video surveillance, security, BMS, and industrial automation systems
- Installation and commissioning of instrumentation and SCADA systems
- Software development for SCADA (Siemens, Schneider, ABB, Honeywell)
- Automation of weighing and analytical equipment
- Audit and technical supervision of automation systems

GROUP COMPANY STRUCTURE

EQUIPMENT SUPPLY

1

CONTROLLED SHUNT REACTORS
CLEVER REACTOR

2

PROCESSING EQUIPMENT FOR HEAT AND POWER PLANT FACILITIES
Harbin Electric

3

AUTOMATIC WATER, FOAM, AND GAS FIRE EXTINGUISHING SYSTEMS:
VIKING Corp., K.C.ANTINCENDI, FOMTEC, KIDDE FIRE PROTECTION

4

AUTOMATIC FIRE ALARM SYSTEMS:
APOLLO, NSC, Crowcon, KENTEC, GASTRON

5

VIDEO SURVEILLANCE AND ACCESS CONTROL SYSTEMS:
VIDEOTEC, DAHUA, HIKVISION, DormaKABA, WEFLO

6

SS316 SHUT-OFF AND CONTROL PIPE FITTINGS:
Hy-LOK, ABO VALVE

7

PUMPS AND PUMPING STATIONS:
Xylem LOWARA, GRUNDFOS, WILO

8

INDUSTRIAL REFRIGERATION AND HEAT EXCHANGE EQUIPMENT:
GEA REFRIGERATION, ALFA LAVAL, REFRA, BITZER, TRANTER, SWEP

9

HEATING, VENTILATION, AND AIR CONDITIONING SYSTEMS:
MITSUBISHI ELECTRIC, CLIMAVENETTA, JONSONS CONTROLS, LG

10

CONTROL AND MEASURING INSTRUMENTS:
A-FLOW, SIEMENS, Endress+Hauser, WIKA

11

EXPLOSION-PROOF EQUIPMENT:
BARTEC, Goreltech, SMD

12

WATER SUPPLY TREATMENT FACILITIES:
FTG Company, AQUAPHOR pro, Ergonomika, Asia Water Service

13

TREATMENT FACILITIES FOR DOMESTIC, INDUSTRIAL, AND SURFACE WASTEWATER:
Ekolos, Wastewater Treatment Plant



**TECHNICAL
SUPPORT**

+150

**MANUFACTURING
PLANTS**



CONTROL OF DELIVERY OF COMPLEX PROCESS EQUIPMENT, STARTING FROM THE BASIC DIAGRAM TO THE EQUIPMENT SPECIFICATION

All technological calculations and equipment selection are performed by an in-house engineering team.

PFD — process flow diagrams

P&ID — piping and instrumentation diagrams

HMB — material and heat balances



ENERGETICS

- Steam turbines
- Steam boilers
- Waste heat boilers
- Electric generators
- Transformers
- Gas turbines

OIL AND GAS INDUSTRY

- Pressure vessel equipment
- Air cooling devices
- Pumps, compressors
- Filters and separators
- Heat exchangers (surface, shell and tube)
- Rectification and absorption columns
- Gas separation plants

CHEMICAL INDUSTRY

- Reactors (including those with agitators)
- Column equipment
- Dryers
- Mixers and extractors
- Cyclones and filters
- Scrubbers and absorbers



OUR PROJECTS

OUR PROJECTS OUR PRO

EXTRACTION SHOP, COPPER SMELTING PLANT OF BENKAL DEPOSIT



2012-2013

TOTAL PROJECT COST:
36.5 BILLION TENGE

KAZCOPPER LLP

CONSTRUCTION OF AN EXTRACTION PLANT, DESIGN, SUPPLY,
INSTALLATION, COMMISSIONING IN BEINEU DISTRICT

CONSTRUCTION OF THE EXTRACTION PLANT
DESIGN, SUPPLY, INSTALLATION, AND COMMISSIONING

- Automatic fire extinguishing systems
- Fire and gas detection, alarm system

BUILDING ENGINEERING SYSTEMS, FINISHING WORKS



2013-2015

TOTAL PROJECT COST:
≈ 15 BILLION TENGE

KAZMORTALINFLOT LLP

- Finishing works
- Automatic fire extinguishing systems
- Automatic fire alarm systems
- Video surveillance and access control systems
- Gas detection systems
- Automation of heating and ventilation systems
- Power supply systems
- Structured Cabling System (SCS)
- Transformer substation

JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

DESIGN AND COMMISSIONING OF COAL TRANSPORTATION SYSTEMS



2011-2012

TOTAL PROJECT COST:
≈ 160,7 BILLION TENGE

Ekibastuz SDPP-2

DESIGN AND COMMISSIONING OF A TELESCOPIC
LOADER WITH A BUILT-IN ASPIRATION SYSTEM

Ekibastuz SDPP-2 Power Plant is the second thermal power station in the city of Ekibastuz, Pavlodar Region, Kazakhstan. Ekibastuz SDPP-2 generates electricity from high-ash Ekibastuz coal using two 500 MW power units and has an installed capacity of 1,000 MW.

- Development of a coal transportation and unloading system project
- Installation and commissioning of telescopic loaders with built-in aspiration system

COMPREHENSIVE MODERNIZATION OF SECURITY SYSTEMS



2014-2018

TOTAL PROJECT COST:
≈ 740 BILLION TENGE

ATYRAU OIL PROCESSING PLANT

COMPREHENSIVE MODERNIZATION, DELIVERY, INSTALLATION,
COMMISSIONING OF FIRE SAFETY SYSTEMS

- Development of a comprehensive system modernization project
- Supply, installation, commissioning of integrated fire safety systems
- Automatic foam extinguishing
- Automatic fire alarm system
- Gas detection

JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

CONSTRUCTION OF A TRANSPORT AND LOGISTICS CENTER IN ASTANA



2014-2015

TOTAL PROJECT COST:
17,6 BILLION TENGE

CONTINENTAL LOGISTICS LLP

Transport and Logistics Center, Astana: RTT, RTC, Refrigerated Warehouses, CA, Vegetable Storages

CLIMATE WAREHOUSE

- Total area – 11,556 m²
- Area with controlled gas environment – 577 m²
- Temporary Storage Warehouse Area – 580 m²
- Container yard – 40,000 m²
- Ken Mart Shopping Center – 24,000 m²

DRY WAREHOUSE

- Total area – 27,650 m²
- Temporary Storage Area – 4,541 m²
- Mezzanine – 1,176 m²
- Shelf storage area – 38,253 square meters

CONSTRUCTION OF A TRANSPORT AND LOGISTICS CENTER IN SHYMKENT



2016-2017

TOTAL PROJECT COST:
15,7 BILLION TENGE

CONTINENTAL LOGISTICS LLP

GENERAL CONTRACT FOR THE CONSTRUCTION OF THE TRANSPORT AND LOGISTICS CENTER IN SHYMKENT

CLIMATE WAREHOUSE

- Total area – 10,368 m²
- Adjustable gas environment zone – 609 m²

DRY WAREHOUSE

- Total area – 10,368 m²
- Temporary Storage Area – 2,300 m²
- Rack storage area – 12,788 pallet spaces
- Container yard – 40,000 m²

OTHER WORKS

- Administrative and residential complex – 2,779.1 m²
- Construction of a 4 km railway dead-end

JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

INTEGRATED GAS CHEMICAL COMPLEX "KARABATAN" (SEZ)



2017-2019

**KARABATAN UTILITY
SOLUTIONS LLP**

TOTAL PROJECT COST:
\$6.7 BILLION

DEVELOPMENT OF A COMPREHENSIVE FIRE SAFETY SYSTEM
PROJECT. SUPPLY, INSTALLATION SUPERVISION AND
COMMISSIONING WORKS

- Adaptation of the DOOSAN project
- Automatic water fire extinguishing systems
- IG541 automatic gas fire suppression systems
- Automatic fire alarm systems
- Gas detection systems.

BITUMEN PLANT IN AKTAU



2012-2014

CASPI BITUM JV LLP

TOTAL PROJECT COST:
52 BILLION TENGE

DESIGN, SUPPLY, INSTALLATION, COMMISSIONING OF SECURITY SYSTEMS
AT THE BITUMEN PRODUCTION PLANT IN AKTAU

- Automatic fire extinguishing system, fire alarm system
- Access control system
- Gas detection system
- Construction and installation works.

JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

INSTALLATION OF A COMPREHENSIVE GAS PROCESSING PLANT WITH A CAPACITY OF 40,000 M3/HOUR



2018-2019

KAZTRANSغاز LLP

TOTAL PROJECT COST:
21,2 BILLION TENGE

INSTALLATION OF A COMPREHENSIVE GAS PROCESSING PLANT 40,000
m3/hour KOMPRESSORNAYA STANTSIIYA KOZHASAY

COMPREHENSIVE SUPPLY AND INSTALLATION SERVICES:

- Automatic fire alarm systems
(including the production of control cabinets)
- Assembly of automation cabinets
- Automatic water, gas, and foam fire extinguishing systems
- Video surveillance and access control systems
- Communication and telecommunication systems
- Shut-off and control pipeline valves

6 COMPRESSOR STATIONS OF THE BEINEU-SHYMKENT MAIN GAS PIPELINE



2014-2018

BEINEU-SHYMKENT LLP

TOTAL PROJECT COST:
10 BILLION TENGE

COMPRESSOR STATIONS OF THE GAS PIPELINE

- Design, supply, and installation of integrated systems fire safety, gas detection systems, video surveillance, access control and management systems
- General construction work on the development of shift camps
- Construction of utility networks, water supply networks
- Installation of metal structures and cable racks
- Industrial and domestic wastewater treatment and water treatment systems

JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

CONSTRUCTION OF AN ADMINISTRATIVE AND RESIDENTIAL COMPLEX FOR THE VOSTOKNAYA SARY-OBA MINE OF THE ZHILADINSKY MINE

2017-2019

KAZAKHMYS CORPORATION LLP

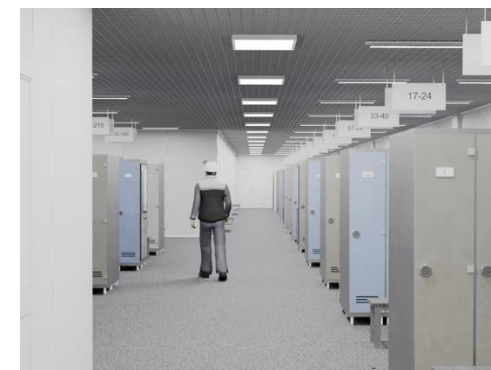
TOTAL PROJECT COST:
≈ 6 BILLION TENGE

EASTERN SARY-OBA

DESIGN SUPPLY
CONSTRUCTION

Area of the fenced territory - 7.9
hectares Total area of buildings - 12,122
m²

- Administrative and Utility Building
- Accommodation module
- Lamp
- Paramedic health center
- Canteen with 200 seats
- Warehouse of inventory
- Fire Station
- Warm pavilion
- Treatment facilities
- Pumping station
- Concrete and Installation Works Plant
- FOCL
- Collector
- Other objects (+28)



JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

CONSTRUCTION OF ADMINISTRATIVE AND RESIDENTIAL BUILDINGS "Dzhamgyr" Processing Plant and Mine

2020-2023

AAE ENGINEERING LLP

TOTAL PROJECT COST:
≈ 4.5 BILLION TENGE

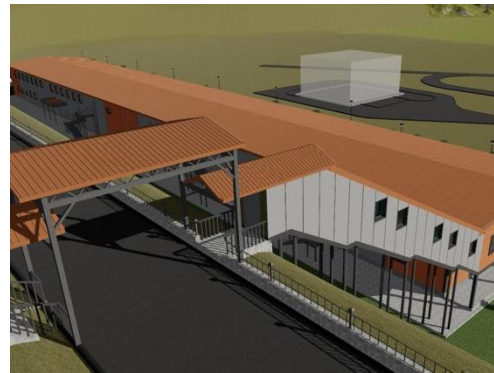
DESIGN SUPPLY
CONSTRUCTION

Administrative and residential building

- Building area - 2303 m²
- Building area - 4152 m²
- Warm transition – 121 m²

Chemical analysis laboratory (SGS)

- Building area - 909 m²



JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

DESIGN AND RECONSTRUCTION OF THE "STROITEL" HOTEL, BALAPAN VILLAGE

2021-2023

KARAZHYRA JSC

- Building area - 1,221 m²
- Building area - 1,598 m²
- The building's construction volume is 9,968 m³

TOTAL PROJECT COST:
≈ 1,5 BILLION TENGE

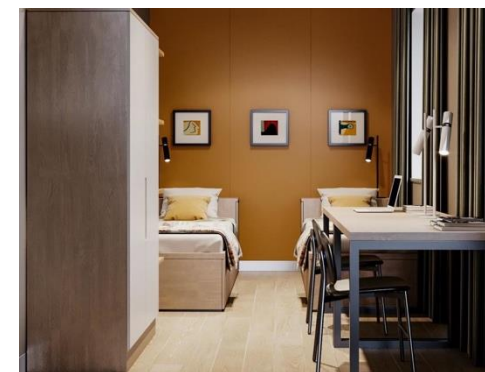


DESIGN SUPPLY
CONSTRUCTION

CONSTRUCTION OF THE CANTEEN IN BALAPAN

- Building area - 1,212 m²
- Building area - 1,728 m²
- The building's construction volume is 9,196 m³

TOTAL PROJECT COST:
≈ 1,6 BILLION TENGE



JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

CORE STORAGE FACILITY WITH LABORATORY EDUCATIONAL CENTER AND GEOLOGY MUSEUM

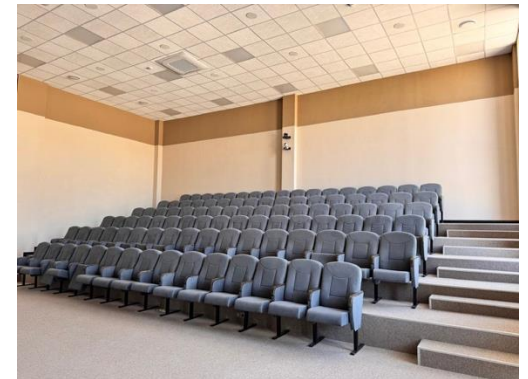
2021-2025

KAZAKHMYS BARLAU LLP

DESIGN SUPPLY
CONSTRUCTION

TOTAL PROJECT COST:
≈ 6,5 BILLION TENGE

- The area of the plot is 7.7495 hectares.
 - Total building area - 10,070.39 m²
- Including:**
- Core storage facility with laboratory – 6,185.4 m²
 - Training center with museum – 1,678.2 m²
 - Repair workshop – 1,637.3 m²
 - Boiler room – 569.49 m²
 - Engineering networks
 - FOCL (7km)
 - Collector (2.5 km)
 - 35kV OHL



JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

CONSTRUCTION OF A PLANT FOR THE PRODUCTION OF COPPER BY SELECTIVE EXTRACTION AND ELECTROLYSIS (SX-EW) WITH A HEAP LEACHING PLANT FOR PROCESSING COPPER-BEARING ORE FROM THE BERKARINSKY DEPOSIT, LOCATED IN THE ALGABASSKY S/O IN THE CITY OF SEMEY, EAST KAZAKHSTAN REGION

2021-2023

TOTAL PROJECT COST:
≈ 11,5 BILLION TENGE

ARX MINERALS LLP

DESIGN AND CONSTRUCTION OF A SHIFT CAMP ON THE TERRITORY OF THE BERKARINSKY DEPOSIT

DESIGN

- Preliminary design of a shift camp
- Adjustment of a Part of the Mining and Processing Complex (MPC) Berkutinsky

STRUCTURES

- No. 1 – Heap leaching area 18.74 ha Building area 79,794 m²
- No. 2 – Solution processing area – 8.9 ha Building area 6,900 m²
- No. 3 – Shift camp site – 3.03 hectares Building area 1,308.5 m²
- Total area 61.67 hectares
- The plant's production capacity is 5,800 tons per year.

CONSTRUCTION OF A 640 M3 SULFURIC ACID STORAGE FACILITY IN THE VILLAGE OF KARAGAYLY

STRUCTURES

- Building area 748.94 m²
- Total area 0.53 hectares
- Warehouse volume – 640 m³



JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

DESIGN AND CONSTRUCTION OF AN EXTENSION TO THE SK
KANSK SPORTS COMPLEX LOCATED IN ZHEZKAZGAN,
ZHASTAR PARK

- NAMYS Insurance Company

2023-2025

KAZAKHMYS
CORPORATION LLP

DESIGN SUPPLY
CONSTRUCTION

TOTAL PROJECT COST:
≈ 3.7 BILLION TENGE

CONSTRUCTION OF AN EXTENSION
TO THE SPORTS COMPLEX

- Building area – 2,745 m²
- Building area – 5,745 m²
- Area of the territory
within the boundaries of the plot –
0.4715 hectares



JECTS OUR PROJECTS

DESIGN AND CONSTRUCTION OF A PHYSICAL CULTURE AND HEALTH COMPLEX WITH 320 SEATS IN THE CITY OF ZHEZKAZGAN

2023-2025

AKIM'S OFFICE OF ZHEZKAZGAN

TEI

TOTAL PROJECT COST:
≈ 8 BILLION TENGE

- Building area – 4,702.2 m²
- The total area of the building is 7,996.9 m²

Including:

- Multipurpose sports hall + grandstand with 320 seats – 1,519.77 m²
- Swimming pool – 477.54 m²
- Artistic gymnastics hall – 350.8 m²
- Wrestling hall – 387 m²
- Boxing hall – 241.66 m²



OUR PROJECTS OUR PRO

RECONSTRUCTION OF THE METALLURGICAL SQUARE IN THE CITY OF ZHEKAZGAN

2023-2024

AKIM'S OFFICE OF
ZHEKAZGAN

DESIGN SUPPLY
CONSTRUCTION

- Total area of the
property – 0.8
hectares.

TOTAL PROJECT COST:
≈ 1.4 BILLION TENGE

- Development of a preliminary design, development of a working draft
- Pedestrian fountain - multi-jet fountain with skimmer-type filtration
- Entrance archway
- Semi-underground technical room
- Automatic watering tank
- Stella, flagpole, benches, trash cans
- Fences, asphalt, paving stones



JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

RECONSTRUCTION OF SHAHTERSKAYA SQUARE

RECONSTRUCTION OF THE SQUARE OF MINERS' GLORY IN SATPAYEV CITY

2023-2025

**AKIM'S OFFICE OF
SATPAYEV CITY**

DESIGN

SUPPLY

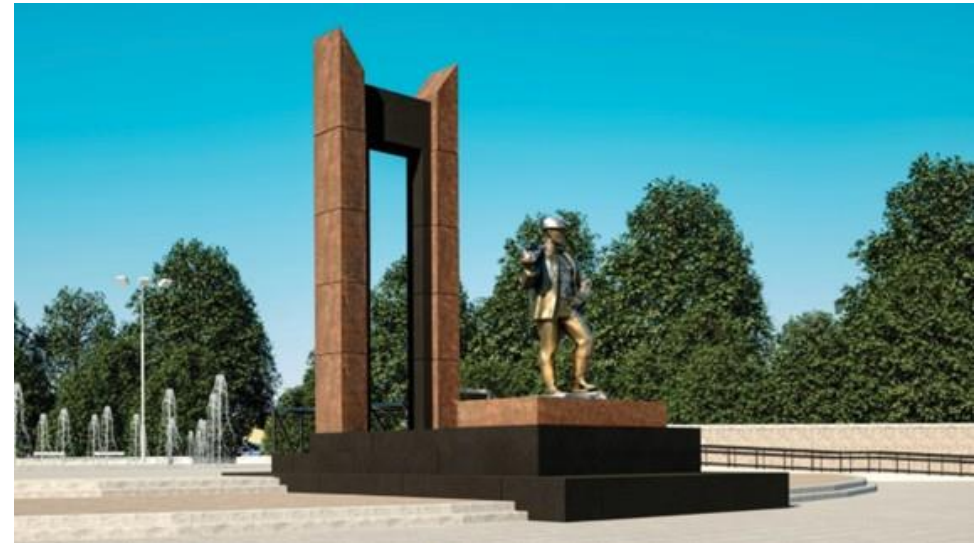
CONSTRUCTION

LAND AREA ACCORDING
TO THE STATE ACT

- 3.3855 hectares

TOTAL PROJECT COST:
≈ 3 BILLION TENGE

- Development of Preliminary and Working Designs
- Fencing off the territory
- Sidewalks, paths, playgrounds
- Retaining walls
- Spot lighting
- Pedestals for mountain equipment
- Cladding with granite slabs
- Engineering networks



JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

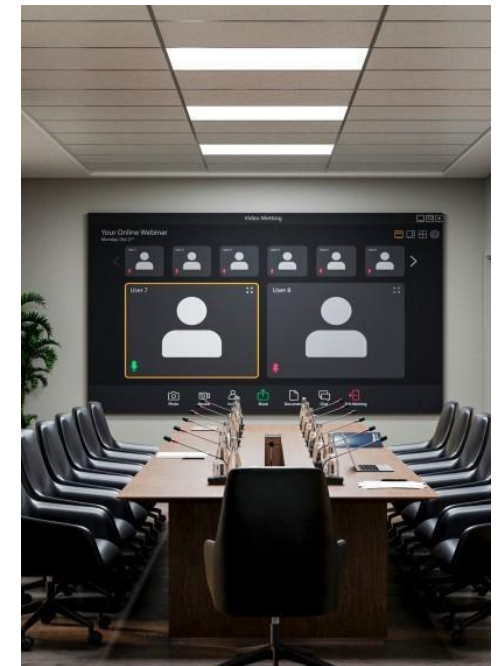
DEVELOPMENT OF INTERIOR DESIGN PROJECT,
DRAWINGS AND IMPLEMENTATION OF RENOVATION OF
BLOCK 2 IN THE VENUS BUSINESS CENTER ALMATY

2023

AK ALTYNALMAS JSC

TOTAL PROJECT COST:
≈ 1.3 BILLION TENGE

- The total area of the Block is 3,567 m²
- Number of floors - 3



JECTS OUR PROJECTS

**CONSTRUCTION OF EVAPORATION POND NO. 1
FOR THE VOSTOKNAYA SARY-OBA AND ZAPADNAYA SARY-OBA MINES
AND "ITAUYZ" TAKING INTO ACCOUNT THE DIVERSION OF MINE WATER
FROM THE KARASHOSHA DEPOSIT**

2022-2024

TOTAL PROJECT COST:
≈ 15 BILLION TENGE

KAZAKHMYS CORPORATION LLP

TYPES OF WORK

- The structure of a loam dam
- Removal of OSM and Transportation to Dump
- Fastening the upper slope with rock soil
- Reverse filter, crushed stone roadbed
- Sand backwash filter
- Excavation of upland ditches
- Protective membrane device

TEI

- The capacity of the evaporator pond is 22.5 million cubic meters
- Construction will take place in three stages.
- The total area of the evaporator pond is 504.2 hectares.
- The maximum height of the dam is 17.6 m.
- The width of the dam crest is 8.5 m.



OUR PROJECTS OUR PRO

EXTENSION OF THE DAM OF THE ZOLOTEVALA SECTION 1,2,4,6

2023-2025

TOPAR GRES LLP

TOTAL PROJECT COST:
≈ 27 BILLION TENGE

- Arrangement of tiers of extensions of sections No. 1 and sections No. 2, No. 4, No. 6
- Installation of pipelines for MHP No. 1, MHP No. 2, MHP No. 3, MHP No. 4
- Clarified water pipeline
- Switching, drainage, and shaft well devices
- Landscaping



JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

ROAD WORKS

TYPES OF WORK

- Repair of the runway in Zhezkazgan
- Major repair of asphalt at the Molodezhny intersection
- Access road to the East Sary-Oba and West Sary-Oba mines – 23.2694 hectares and West Sary-Oba mines – 23.2694 hectares

TOTAL PROJECT COST:
≈ 3 BILLION TENGE



JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

WATER SUPPLY TREATMENT FACILITIES AND TREATMENT
FACILITIES FOR DOMESTIC, INDUSTRIAL, AND SURFACE
WASTEWATER

FACILITIES

EASTERN SARY-OBA

- Sewage treatment plants
complete biological treatment of the m³/day type
- FTG-11 block-modular water treatment plant
m³/hour (water supply treatment facilities)

Molodezhny Open-Pit Mine

- Sewage treatment plants complete biological treatment type
LOS-R-558m m³/day



JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

CONSTRUCTION OF A PLANT FOR THE PRODUCTION OF GEOSYNTHETIC MEMBRANES (GEOMEMBRANES) USING THE FLAT-SLOT METHOD POLYETHYLENE EXTRUSION IN ASTANA, ALMATY DISTRICT INDUSTRIAL PARK

PRODUCTION CAPACITY

- Extrusion line for the production of geomembranes with a width of from 6000 mm to 7500 mm, and thickness from 0.5 mm to 3.0 mm.
- Line capacity - 12,852 tons/year (1,500 kg/hour) - 1 set.
- Monthly output of one production line with a geomembrane thickness of 1.0 mm - 0.7 million m²/year.

TOTAL PROJECT COST:
≈ 5 BILLION TENGE



JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

**REPLACEMENT OF TURBO-GENERATOR
UNIT NO. 3 AND NO. 4 WITH A K-130-8.8
TYPE TURBO-GENERATOR UNIT**

2023-2025

TOPAR GRES LLP

No. 3 TOTAL PROJECT COST:
≈ **13 BILLION TENGE**

No. 4 TOTAL PROJECT COST:
≈ **450 MILLION TENGE**



JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

CONSTRUCTION OF TAILINGS STORAGE FACILITY (TSF) EMBANKMENT
DAMS FOR THE ZLPP
UNITS NO. 1 AND 2 FOR THE OPERATIONAL PERIOD OF 2020-2024
MAIN SLUDGE PIPES DN1200 MP-3 AND MP-4 (RELAYING AT
ELEV. 372.0-364.0 MBS) (PIPES, SUPPORTS)

2024-2026

TOTAL PROJECT COST:
≈ 7 BILLION TENGE

- Installation of anchor and sliding supports for compensators
- Main Sludge Pipes - 9.8 km



JECTS OUR PROJECTS

OUR PROJECTS OUR PRO

CONSTRUCTION OF THE KENGIR RESERVOIR EMBANKMENT IN THE CITY OF ZHEZKAZGAN

2026-2027

TOTAL PROJECT COST:
≈ 3 BILLION TENGE

The area of the land plot according to the state act is 48.9 hectares.

DESIGN SUPPLY
CONSTRUCTION

The following areas of the embankment are planned to be constructed:

- Streetball court
- Beaches
- Walking piers
- Pump tracks
- Parkour areas
- Shopping pavilions
- Picnic area / swings
- Playgrounds
- Workout areas
- Exercise areas
- Shopping pavilions
- Bicycle paths
- Walkways and footpaths



JECTS OUR PROJECTS

AURUM Business Center ALMATY

Key Technical and Economic Indicators

(TEI) of the Facility: 21,230 m²

TOTAL BUILDING AREA

7,220 m²
OFFICE PREMISES
(1, 2, 3 FLOORS)

1,640 m²
ENTRANCE AREA
(VESTIBULE, HALL)

8,200 m²
UNDERGROUND
PARKING (2 LEVELS)

1,300 m²
COMMON AREAS (CA)

4,040 m²
BUILDING
AREA

82,920 m³
CONSTRUCTION
VOLUME OF THE
BUILDING



CONSTRUCTION OF A DORMITORY WITH 110 BEDS FOR KAZAKHMY'S COAL LLP, MOLODEZHNY OPEN-PIT MINE

Key Technical and Economic Indicators (TEI) of the Facility: 21,230 m²

1,920 m²
BUILDING AREA

15/15
SHIFT METHOD

3 ROOMS
For Engineering
and Technical
Staff (ETS)

1,073.3 m²
BUILDING AREA

110
ONE PERSON PER
SHIFT

1 ROOM
FOR 2 PEOPLE WITH
BATHROOM AND
SHOWER

2
FLOOR

110
BEDS

24 ROOMS
FOR WORKING
STAFF

ALSO PROVIDED ARE A REST ROOM, A CONCIERGE ROOM WITH A BATHROOM, MDF, AND TECHNICAL PREMISES (ELECTRICAL ROOM, SERVER ROOM, HEATING ROOM)

COST PER 1M²:
625 thousand TG

Cost of DSW:
31.8 million Tenge

Cost of CIW:
1.2 billion TG

REQUIREMENTS:

APPLICATION OF ENERGY-SAVING TECHNOLOGIES

Energy-saving lamps, light-transmitting windows (to be agreed with the customer)

MASTER PLAN

Taking into account existing buildings and engineering networks

APPROVAL OF DECISIONS WITH THE CUSTOMER

At the initial stage of the project



CONSTRUCTION OF A MULTIDISCIPLINARY HOSPITAL WITH A POLYCLINIC IN THE CITY OF ALMATY

PLACE OF IMPLEMENTATION

ALMATY, ON THE SECTION IN THE SQUARE OF KULZHINSKY TRACT STREETS, ALONG THE TANK, BUHTARMINSKAYA STREET

BRIEF INFORMATION

A MULTISPECIALTY HOSPITAL WITH 120 BEDS AND A POLYCLINIC INCLUDES:

- 1) CHILDREN'S BLOCK: 40 BEDS
- 2) ADULT UNIT: 80 BEDS

IN ADDITION TO THE MEDICAL CENTER, THE CONSTRUCTION OF A HOTEL FOR PATIENTS AND their relatives, classified as 2-3 stars. The cost of construction is not included in the budget.

COMPANY CAPACITY AND PRODUCTION

PROVISION OF MEDICAL SERVICES BY A MULTIDISCIPLINARY HOSPITAL WITH 120 BEDS AND A POLYCLINIC FOR 100 VISITS

JOB CREATION

350 PEOPLE

IMPLEMENTATION PERIOD

DECEMBER 2024 - OCTOBER 2028

NUMBER OF FLOORS IN THE BUILDING

3 FLOORS

PRELIMINARY COST PER 1 SQUARE m.

3 045 \$

PRELIMINARY PROJECT BUDGET,

\$45,668.72 THOUSAND

PLOT AREA

3.0 ha

TOTAL BUILDING AREA

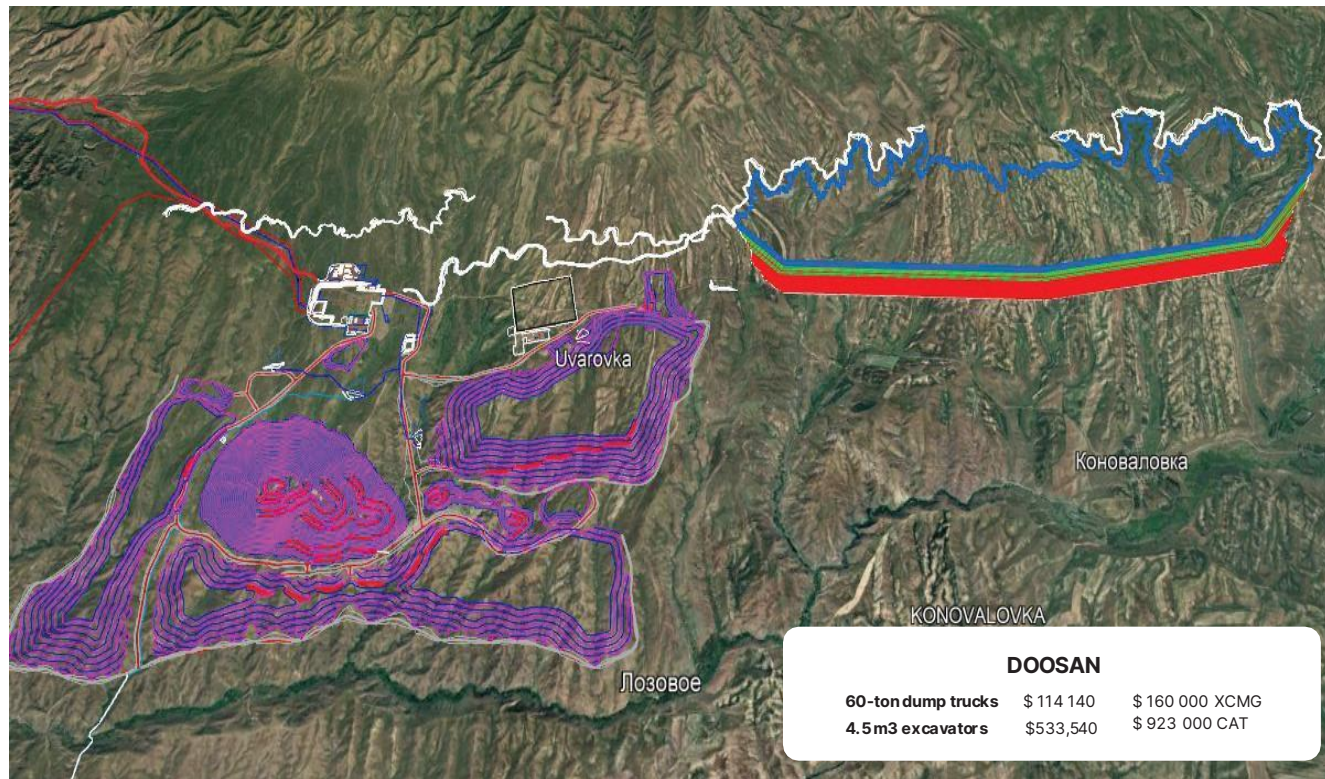
15,000 sq. m.



NAME	TERMS	RESPONSIBLE PARTIES
Securing financing from JSC "BRK"	March 2025 - October 2025	Selin Invest LLP
Registration of a 3.0 hectare land plot	December 2024 - May 2025	Selin Invest LLP
Conclusion of an investment contract with the Almaty City Administration	January 2025 - May 2025	Selin Invest LLP
Development of project documentation, including engineering surveys, preliminary design, interior design, working design, and expert review	May 2025 - October 2026	Astel-K LLP
Conclusion of agreements and contracts for equipment. Equipment delivery	October 2026 - May 2028	Selin Invest LLP
Construction and installation works	November 2026 June 2028	TANSU Construction LLP
Commissioning and Start-Up	July 2028 - October 2028	TANSU Construction LLP

OUR PROJECTS OUR PRO

KOKSAI MINING AND PROCESSING PLANT



NAME OF EQUIPMENT	EQUIPMENT AVAILABLE	TECHNICAL REQUIREMENTS	AMOUNT IN TENGE including VAT
25-ton dump trucks	14		
Dump truck (rock) 40 tons	22	23	745,631,250
Dump truck (rock) 60 tons		25	1,578,281,250
Excavator (rock) 4.5 m3		4	1,165,251,750
Excavator (Topsoil) 2.4 m³	6		
Bulldozer (soil) 32	8		
CAT160H motor grader	1		
18-ton roller	4		
TOTAL	55	52	3,489,164,250
SUPPORTING EQUIPMENT	EQUIPMENT AVAILABLE	TECHNICAL REQUIREMENTS	AMOUNT IN TENGE including VAT
Caterpillar-mounted excavator	1		
Wheeled excavators	2		
3-in-1 backhoe loader	1		
Motor grader	1		
Front loader	2		
Forklift	1		
Mini loader	1		
Roller	1		
Knuckleboom crane	1		
Truck crane	1		
passenger car	10		
Passenger Freight	5		
Passenger	5		
Other freight transport	2		
Trailer	2		
Water carrier	3		
Length gauge	1		
Tanker truck	1		
TOTAL	41		
TOTAL	96	52	3,489,164,250

PROJECT VOLUME:

AA ENGINEERING

AA MINING

TANSU CONSTRUCTION

Topsoil	3 709 425 M³
Excavation and	53 194 096 M³
Embankment	35 275 767 M³

1 052 560 M3
18 508 620 M3
11 502 169 M3

1 002 076 M3
14 760 030 M3
5 964 289 M3

1 654 789 M3
19 925 446 M3
17 809 309 M3

**PRELIMINARY
CONTRACT AMOUNT**

53 BILLION TENGE

PROJECTS OUR PROJECTS

OUR PROJECTS OUR PRO

RECONSTRUCTION OF THE CHEMICAL SHOP WWTP WITH INSTALLATION OF A REVERSE OSMOSIS SYSTEM AT THE BMCP AND RCP



PRELIMINARY SELECTION OF EQUIPMENT WITH INTEGRATION INTO THE EXISTING TECHNOLOGICAL CHAIN OF CHEMICALLY DESALINATED WATER WITH THE INSTALLATION OF A MODERN REVERSE OSMOSIS SYSTEM WITH A CAPACITY OF 150 M³/H REVERSE OSMOSIS SYSTEM WITH A CAPACITY OF 150 M³/H

JECTS OUR PROJECTS

PROJECT FOR CONSTRUCTION OF A COMBINED-CYCLE POWER UNIT AT THE RCP WITH AN INSTALLED CAPACITY OF 75 MW

- Selection and supply of gas turbines, waste heat boilers, steam turbines, and generators
- Development of a thermal diagram, layout plans, technical specifications
- Analysis of Commercial Proposals and Supplier Selection
- Coordination of decisions with the customer, adaptation based on comments
- Site preparation and installation of main process equipment



PROJECT OBJECTIVE:

Construction of an energy-efficient combined cycle power plant (CCPP) at the Zhezkazgan Thermal Power Plant (TPP) utilizing a **Siemens SGT-800** gas turbine, a heat recovery steam generator (HRSG), and a steam turbine ensuring the flexibility of electricity generation and compliance with industrial safety requirements and environmental standards.

PRE-PROJECT DEVELOPMENT OF TECHNOLOGICAL SOLUTIONS:

The pre-feasibility study examines four layout options for a combined cycle power plant (CCPP) equipped with **Siemens gas turbines: 2×SGT700, 2×SGT750, 1×SGT800, and 2×SGT800.**

Technical solutions have been developed for each option, including thermal diagrams, efficiency calculations, power characteristics, and energy balance

MARKET ANALYSIS:

As part of the design process, gas turbine models from **Siemens** were considered.

General Electric, Kawasaki, Mitsubishi, and Dongfang Electric, as well as waste heat boilers and steam turbines from **Hangzhou Boiler, Dongfang Electric, and Harbin Electric.**

COAL-FIRED CONDENSING POWER PLANT (CPP) KURCHATOV POWER PLANT WITH A CAPACITY OF 600-700 MW TO SUPPLY ELECTRICITY TO THE AIDARLY AND KOKSAY PROJECTS



A pre-feasibility study (pre-FS) has been developed for the construction of a 700 MW coal-fired condensing power plant (CPP) in the city of Kurchatov

with two 350 MW power units operating in supercritical mode. The project is aimed at meeting the growing needs of industrial facilities in Aidarly and Koksay.

The project is currently being implemented.

INDICATOR	UN. OF MEASUREMENT	2 x 350 MW
Installed electrical power	MBT	700
CUF	%	0.92
Electricity generation	thousand kWh	3,910,000
Electricity Consumption for Auxiliary Needs	%	6.8
Power supply from busbars	thousand kWh	4,200,00
Station Losses and Commercial Losses	%	0.3
Electricity supply, including:	MBT	390
Electricity supply to Aidarly at cost price	MBT	320
Wholesale market supply at a price determined in accordance with the Methodology for determining the maximum tariff	MBT	70
Wholesale Electricity Market Price	g/kWh	313.5
Annual coal consumption	THL	1,322,760
Planning horizon	years	40

CONSTRUCTION OF A FIVE-STORY RESIDENTIAL BUILDING IN THE VILLAGE OF TOPAR AND THE CITY OF ZHEZKAZGAN

4.3 billion TG
Cost of CWD for the Water Discharge Channel

Design and Construction Documentation: ASTEL-K LLP

REQUIREMENTS:

- Use of energy-saving technologies: insulation, energy-saving lamps, light-transmitting windows (to be agreed with the customer)
- Master plan taking into account existing buildings and engineering networks
- Agreeing decisions with the customer at the initial stage of the project
- The facility handover is planned with the process chemicals (PC) filled
- A comparative analysis of precast concrete panel manufacturers is currently being conducted

Key Technical and Economic Indicators (TEI) of the Facility: 21,230 m²

80 Total number of apartments	4 entrance 20 apartments	5 Number of floors (1 commercial 4 residential)	2 003.2 M2 Total area per 1 unit
5 Of apartments per floor	1 024 M2 Total area apartments on the 1st entrance	4 096 M2 Total area of apartments	1 005 \$ Cost Construction and Installation Works (CIW) per 1 m²
216.5 M2 Total commercial area per entrance	866 M2 Total commercial area	8 012.8 M2 Total area	



Sulfuric Acid Plant Project at the Zhezkazgan Copper Smelter (ZCS)

PROJECT COST: \$155 million,
IRR: 21%, payback period — 6.1 years

PROJECT OBJECTIVE:

Establishment of a modern sulfuric acid production line at the site of the existing one sulfuric acid workshop of the Zhezkazgan copper smelter using best available technologies (BAT), including such advanced solutions as **DCDA** (double contacting – double absorption) and **WSA** (wet catalytic oxidation), which comply with **BREF NFM2017** standards (SO₂ emissions below 680 mg/nm³).



PROJECT STRUCTURE:

- Dismantling of obsolete equipment
- Designing new facilities
- Turnkey equipment delivery
- Installation of process and auxiliary equipment
- Construction work, including general plant facilities (administrative buildings, engineering networks, etc.)

POTENTIAL FOR FURTHER DEVELOPMENT:

The possibility of deep processing of sulfuric acid to obtain derivatives has been studied, particularly ammonium phosphate fertilizers (**MAP**, **DAP**), as a logical extension of the production chain based on the SAP



150 UNITS FOR GENERAL CONSTRUCTION WORK

- Asphalt paver
- Bulldozers
- Loader-Excavators 3CX1
- Trucks with tanks for drinking and technical water
- Caterpillar-mounted excavator
- Wheeled excavators on pneumatic tracks
- Trucks with equipment for transporting fuel and lubricants
- Self-loading concrete mixers
- Trucks for transporting inert materials
- Bitumen tankers
- Stationary concrete pumps
- Motor graders
- Mobile Concrete Batching Plant (CBP)
- Stationary Concrete Batching Plant (CBP)
- Concrete mixer trucks
- Soil compactors 16t -18t
- Two-roller asphalt pavers
- Residential mobile trailers
- Mobile metalworking machines with equipment

RESOURCES FOR CONSTRUCTION WORK

A background image of a construction site. In the upper right, an orange excavator is working on a dirt embankment. Below it, several construction workers in safety gear are visible on a concrete structure. The scene is hazy, suggesting a dusty or smoky environment.

78 UNITS

FOR TRANSPORTING GOODS AND PERSONNEL

- Light passenger and commercial vehicles
- Shuttle bus
- Heavy-duty trucks for transporting heavy and oversized special equipment and machinery, trawls
- Trucking for transporting goods weighing up to 20 tons
- Mini gas station – 4 units.
- Trucks with Loader Cranes
- Front loaders from 3 to 5 tons
- Tower cranes from 8 tons
- Caterpillar crane 25 t
- Forklift trucks

77 UNITS

FOR INSTALLATION WORK

- Truck cranes from 25 tons
- Telescopic loaders
- Scissor lifts
- Scaffolding/towers
- Diesel generator sets

RESOURCES FOR CONSTRUCTION WORK

The background of the slide is a photograph of a large-scale construction project. It shows the steel framework of a multi-story industrial building, possibly a warehouse or factory. A prominent yellow tower crane is visible on the right side, extending upwards. The sky is blue with some light clouds. The overall scene is one of active construction.

BUILDINGS AND STRUCTURES

- Dormitories (total area over 2,500 m²)
- Production complex in Zhezkazgan with an area of 2 hectares, including 2,000 m² of warehouse space

BLOCK-MODULAR BUILDINGS

- Dormitories (total area over 4,000 m²)
- Canteens

RESOURCES FOR CONSTRUCTION WORK

LIST OF VEHICLES AND SPECIALIZED EQUIPMENT

SMZ 8325 / 94JSA02	SEMI-TRAILER	8325	1988	DENYO DLW-400LSW / BN	WELDING APPARATUS	DLW-400LSW	2020
TRAILER / 48JSA02	SEMI-TRAILER	10.5 m3	1988	DENYO DLW-400LSW / BN	WELDING APPARATUS	DLW-400LSW	2016
TRAILER / 48JNA05	SEMI-TRAILER	Semi-trailer	1983	DENYO DLW-400ESW / BN	WELDING APPARATUS	DLW-400ESW	2016
TRAILER / 13JKA02	SEMI-TRAILERS	7.20M	1993	DENYO DLW-300ESW / BN	WELDING APPARATUS	DLW-300ESW	2016
XCMG XS183J / A76APD	SINGLE-DRUM ROLLER	XS183J	2021	CHETRA TG-22 / X88DALD	PIPE-LAYER	TG-221	2008
XCMG XS183J / A76APD	SINGLE-DRUM ROLLER	XS183J	2020	CHETRA TG-22 / X474AOD	PIPE-LAYER	TG-221	2009
XCMG XS183J / A531AXD	SINGLE-DRUM ROLLER	XS183J	2022	CATERPILLAR D6RXL / A224AVD	BULLDOZER	D6RXL	2011
XCMG GR215 / A530AXD	MOTOR GRADER	GR215	2022	CATERPILLAR 330 / M852AVD	TRACKED EXCAVATOR	330	2022
XCMG GR215 / A167AVD	MOTOR GRADER	GR215	2021	CATERPILLAR 330 / M859AVD	TRACKED EXCAVATOR	330	2022
VOLVO EW205D / A633ACD	WHEELED EXCAVATOR	EW205D	2018	ALTECO AMP-150M / BN	GASOLINE-DRIVEN MOTOR PUMP	AMP-150M	
URAL 4212 / 719LY02	CREWBUS	42112	1995	ALTECO AGG-6000BE / BN	GASOLINE-DRIVEN GENERATOR	AGG-6000BE	
UAZ PATRIOT / 58BL5D2	LIGHT MOTOR CAR	PATRIOT	2020	AKSA AD220 / BN	GASOLINE-DRIVEN GENERATOR	AD220	2020
UAZ 236B24 / 233ND2D	PASSENGER AND CARGO TRANSPORT	236B24	2023	TEKSAN T.84DW5A / BN	GASOLINE-DRIVEN GENERATOR	T.84DW5A	2015
UAZ 236B24 / 22AAC2D	PASSENGER AND CARGO TRANSPORT	236B24	2023	M/CH 55DG2802	SEMI-TRAILER	SX3386T386 M/CH	2012
TOYOTA HILUX / 277AB2D	LIGHT MOTOR CAR	HILUX	2022	GAZ 3507 Boom platform	TRUCK-MOUNTED HYDRAULIC LIFT	GAZ 3507 Boom platform	1990
TOYOTA HILUX / 129HB2	LIGHT MOTOR CAR	HILUX	2014	P534VB55 (GAZ Passenger transport)	Passenger transport		
SHINDAWA DGW-400DM / BN	WELDING MACHINE	DGW-400DM	2017	M549SD (HYUNDAI Wheeled excavator)	Wheeled excavator		
SHINDAWA DGW-310DMC / BN	WELDING MACHINE	DGW-310DMC	2016	H200 (HAMM Roller)	SINGLE-DRUM ROLLER 16 TONS	HD 12 VV	2011
SHANTUI SD32 / XS11ADD	BULLDOZER	SD32	2013	BL8 B (VOLVO Excavator)	Excavator	3M	
SHANTUI SD32 / A499AXD	BULLDOZER	SD32	2022	ASD879M (CAT Excavator)	Excavator	325	2014
SHANTUI SD32 / A498AXD	BULLDOZER	SD32	2022	ADD183Z (JLG Hoist)	Hoist	860	
SHACMAN SX3258DR384 KM / 909B09	ON-BOARD TRUCK LOADER CRANE	SX3258DR384 TLC	2023	AED338Z (JLG Hoist)	Hoist	600	
SHACMAN F3000 / 909AB20	DUMP TRUCK	F3000 SX3258DR384	2022	98BAED09 (MERCEDES-BENZ Truck)	TRUCK	SPRINTER 313 CDI	2007
SHACMAN F3000 / 88AB20	DUMP TRUCK	F3000 SX3258DR384	2023	75SAEK09 (VAZ Light motor car)	MINIBUS	2124-107	2008
SHACMAN F3000 / 88AB20	DUMP TRUCK	F3000 SX3258DR384	2023	670VZ029 (KAMAZ Truck crane)	TRUCK CRANE	5325	
SHACMAN F3000 / 859AB20	DUMP TRUCK	F3000 SX3258DR384	2023	639G001 (Iseai, Mitsubishi Carter boom platform)	TRUCK-MOUNTED HYDRAULIC LIFT	Mitsubishi Carter	
SHACMAN F3000 / 859AB20	DUMP TRUCK	F3000 SX3258DR384	2023	537AA09 (GAZ Septic car)	SEPTIC CAR	S2	
SHACMAN F3000 / 857AB20	DUMP TRUCK	F3000 SX3258DR384	2023	449PA09 (Iseai, Mitsubishi Carter D boom platform)	TRUCK-MOUNTED HYDRAULIC LIFT	Mitsubishi Carter D	
SHACMAN F3000 / 859AB20	DUMP TRUCK	F3000 SX3258DR384	2023	28AIC01 (Mitsubishi Carter boom platform)	TRUCK-MOUNTED HYDRAULIC LIFT	Mitsubishi Carter	
SHACMAN F3000 / 855AB20	DUMP TRUCK	F3000 SX3258DR384	2023	242AFK09T A3 3507 Boom platform	TRUCK-MOUNTED HYDRAULIC LIFT	A3 3507 Boom platform	
SHACMAN F3000 / 854AB20	DUMP TRUCK	F3000 SX3258DR384	2023	01KG944AP (MITSUBISHI DELUCA)	MINIBUS	DELUCA	
SHACMAN F3000 / 853AB20	DUMP TRUCK	F3000 SX3258DR384	2023	(HALLOTTE Manlift)	DESEL MANLIFT		
SHACMAN F3000 / 852AB20	DUMP TRUCK	F3000 SX3258DR384	2022	SMALL-SCALE MECHANIZATION			
SHACMAN F3000 / 434QSA09	DUMP TRUCK	F3000 SX3258DR384	2022	TCS 26 CTYRE CHANGER STAND		TCS 26 380V C R14-R26	
SHACMAN F3000 / 378AAL2D	DUMP TRUCK	F3000 SX3258DR384	2022	R8087 Manual dual-drum roller		MRH-600DS	
SHACMAN F3000 / 284AB20	DUMP TRUCK	F3000 SX3258DR384	2023	P20Q Electrical high-pressure hose clamp machine		SAMWAY P20Q 6-38mm	
SHACMAN F3000 / 279AB20	DUMP TRUCK	F3000 SX3258DR384	2023	AKSA 330 (AKSA Generator)	DIESEL GENERATOR	AD330	2019
SHACMAN F3000 / 278AB20	DUMP TRUCK	F3000 SX3258DR384	2023	A073424AUTOCAN (AKSA Generator)	DIESEL GENERATOR	AD220	
SHACMAN F3000 / 278AB20	DUMP TRUCK	F3000 SX3258DR384	2023	93JSA02 (Trailer)	SEMI-TRAILER	2.2 PN	1989
SHACMAN F3000 / 276AB20	DUMP TRUCK	F3000 SX3258DR384	2023	209F0-00012D6 (SHINDAWA Two-operator welding unit)	Two-operator welding unit	DGW-310DMC	
SHACMAN F3000 / 275AB20	DUMP TRUCK	F3000 SX3258DR384	2023	YT2030209 (AKSA Generator)	DIESEL GENERATOR	AD705A	2020
SHACMAN F3000 / 101ATQ02	DUMP TRUCK	F3000 SX3258DR384	2015	HTL40 (Electrical manual scissors lift)	ELECTRICAL SCISSOR LIFT	HTL40	2016
SHACMAN F3000 / 0441N02	DUMP TRUCK	F3000 SX3258DR384	2021	HTL40 (Tyre changers stand)	Tyre changers stand	26 380V C R14-R26	
SHACMAN F3000 / 044LW02	DUMP TRUCK	F3000 SX3258DR384	2021	(AKSA Generator)	DIESEL GENERATOR	APD145A	2021
PCA POWER PKM-4000MLT / BN	DIESEL LIGHT TOWER	POWER PKM-4000MLT	2020	(Diesel hot air blower)	Diesel hot air blower	TDP-20 000	
PAZ 32054 / 930AC2D	BUS	32054	2022	(Diesel hot air blower)	Diesel hot air blower	TDP-20 000	
OZAT BD560 / BN	STATIONARY CONCRETE MIXING PLANT	BD560	2021	(Diesel hot air blower)	Diesel hot air blower	TDP-20 000	
QD AZ 9370 / 99HA02	SEMI-TRAILER	9370	1985	(Diesel hot air blower)	Diesel hot air blower	TDP-20 000	
MTSUBISHI L200 DT / A008AVN	LIGHT MOTOR CAR	L200 DT	2007	(Diesel hot air blower)	Diesel hot air blower	TDP-20 000	
MTSUBISHI L200 / 169AM202	LIGHT MOTOR CAR	L200	2021	(Mobile concrete mixer plant)	MOBILE CONCRETE MIXER PLANT	Mobile concrete mixer plant	
MATEUS MS01107 / BN	GASOLINE-DRIVEN GENERATOR	MS01107					
MATEUS MS01107 / BN	GASOLINE-DRIVEN GENERATOR	MS01107					
LIUGONG CLG-611E / BN	SINGLE-DRUM ROLLER	CLG-611E	2019	M/CH88AB20 (SHACMAN Dumptruck)	SEMI-TRAILER	SX3258DR384 M/CH	2023
LADA 21310 / 88BAQ02	LIGHT MOTOR CAR	21310	2020	M/CH88AB20 (SHACMAN Dumptruck)	SEMI-TRAILER	SX3258DR384 M/CH	2023
KAMAZ 5811 / 440B509	TRUCK CRANE	5325	2016	M/CH88AB20 (SHACMAN Dumptruck)	SEMI-TRAILER	SX3258DR384 M/CH	2023
KAMAZ 5410 6X4 / 409M002	TRUCK TRACTOR	540	1993	M/CH85AB20 (SHACMAN Dumptruck)	SEMI-TRAILER	SX3258DR384 M/CH	2023
KAMAZ 5325 / 320AEW09	TRUCK CRANE	5325	2018	M/CH85AB20 (SHACMAN Camodian)	SEMI-TRAILER	SX3258DR384 M/CH	2023
KAMAZ 4310 / 413YU02	FLUSHING MACHINE	43101	1990	M/CH320AEW09 (KAMAZ Truck crane)	TRUCK CRANE	5325	
KAMAZ 4310 / 419YU02	FLUSHING MACHINE	430	1991	M/CH28AB20 (SHACMAN Truck crane)	SEMI-TRAILER	SX3258DR384 M/CH	2023
KAMAZ 4310 / 063LX02	CREWBUS	430	1991	M/CH279AB20 (SHACMAN Truck crane)	SEMI-TRAILER	SX3258DR384 M/CH	2023
KAMAZ 42118-15 / 99LE02	TRUCK CRANE	42118-15 IVANO VETS	2014	M/CH276AB20 (SHACMAN Truck crane)	SEMI-TRAILER	SX3258DR384 M/CH	2023
JC8 3CX 3 in 1 / A76AACD	EXCAVATOR LOADER	3CX 3 in 1	2021	M/CH N2 KAMAZ 69153 / 98BLR02	SEMI-TRAILER	M/CH 69153	2014
HUTER MP-100 / BN	GASOLINE-DRIVEN MOTOR PUMP	MP-100	2022	M/CH KOMATSU LW250-5 / A349APD	TRUCK CRANE	M/CH LW250-5	2015
HOWO / 89AQ20	DUMP TRUCK	A7-ZZ3Z7N884P	2023	M/CH KAMAZ 69153 / 98BLR02	SEMI-TRAILER	M/CH 69153	2014
HOWO / 73EQA09	DUMP TRUCK	A7-ZZ3Z7N884P	2007				
HOWO / 73AKZ09	DUMP TRUCK	A7-ZZ3Z7N884P	2014				
HOWO / 101AD09	DUMP TRUCK	ZZ3Z57N884T	2012				
HOWO / 73FAAG20	DUMP TRUCK	TX371	2023				
HTACHI ZX400LCH-3 / A265AVD	TRACKED EXCAVATOR	ZX400LCH-3	2012				
HTACHI ZX330-5A / W219AAA	TRACKED EXCAVATOR	ZX330-5A	2023				
HTACHI ZW610 / A433AFD	FRONT-END LOADER	ZW610	2011				
HTACHI ZAXIS 270-3 / M709ARD	TRACKED EXCAVATOR	ZAXIS 270-3	2019				
HAULOTIE HTL4037 / AV0223A	TELESCOPIC HANDLER	HTL4037	2018				
GAZ 330232-244 / 978LE02	PASSENGER AND CARGO TRANSPORT	330232-244	2013				

LIST OF VEHICLES AND SPECIALIZED EQUIPMENT

M/CH 087AG02
M/CH 072MP02
M/CH 044LW02
M/CH 034MVA02
M/CH 028LY02
(MCH) 22BL02 (SHACMAN Articulating crane)

YAZHONG WP29400TDP / 32AA02
VOLVO FH13 / 64BD05
VOLVO FH / 618VC02
TOYOTA HILUX / 28AB20
TOYOTA HACE / 344YW02
TOYOTA 7FGL15 / EH
SHENGRUN SKW940ZTDP / 93M402
SHACMAN SX4258N324 / 016AJ02
MERCEDES-BENZ 1218 / 59AJ02
HONGYUAN HY350 / EH
GAZ A21R33 / 58AJ02
FRUBALUF TK34CX / 33AA02
AKSA AD220 / EH

XCMG ZL50GN / A76APD
XCMG XS16J / A53AVD
XCMG XCT2L5_S / 639AG02
XCMG WZ30-25 / AB2ATD
WIRTGEN W600DC / 433MAB
TOYOTA HILUX / 98BLB2
TOYOTA HILUX / 28AB20
TOYOTA HILUX / 28AB20
SHACMAN X3000 / 87AC02
SHACMAN X3000 / 88AC02
SHACMAN X3000 / 55G2B02
SHACMAN SX5258GB6R384 / 829AC09
SHACMAN SX5258GB6R384 / 207AFH02
SHACMAN SX328DR384 KMV / 78AC02
SDLG E6210FLC / W096AAA
RDK 250 / EH
PKCD-14/25 / EH
PEUGEOT PARTNER / 877TH402
PAZ 32053 / 360VM02
MITSUBISHI DELICA / 129YB01
NIKASA MRH-600DS / EH
MECALA CTLB870 / 034AAE
MANTOUMT1335SL / A78APD
LIZUN LZ3500 / A52ARD
LIEBHERR R920 / A570AVD
KOMATSU LV250-5 / A349APD
KAMAZ 69153 / 98BLR02
JCB 3CX 3 in 1 / M620AVD
HOWO ZZ5327GBN847E / 520ALM02
HOWO ZZ5327GBN847E / 190BH02
HOWO ZZ5327GBN847E / 028LY02
HOWO / 087AJ02
HAULOTIE HTL4017 / A399AD
HAMM DV70VO / A424KV D
GEHL R220 / W218AAA
GEHL R220 / W217AAA
GAZ 330292-244 / 282LV02
GAZ 27057-765 / 98BLB2
FOTON BJ049 / 068W01
FOTON 12 / 58BYW02
EUROMIX DYNAMIC 75 / 990KZ02
CUJKUROVA CJ70PC / BN
BOMAG BW16 AD-4 / A425AVD
BEARUS 82MK-01 / A639ACD
AKSA APD75A / BN
AIRPIK APD-57 / BN

XCMG ZL50GN / A76APD
XCMG XS16J / A53AVD
XCMG XCT2L5_S / 639AG02
XCMG WZ30-25 / AB2ATD
WIRTGEN W600DC / 433MAB
TOYOTA HILUX / 98BLB2
TOYOTA HILUX / 28AB20
TOYOTA HILUX / 28AB20
SHACMAN X3000 / 87AC02
SHACMAN X3000 / 88AC02
SHACMAN X3000 / 55G2B02
SHACMAN SX5258GB6R384 / 829AC09
SHACMAN SX5258GB6R384 / 207AFH02
SHACMAN SX328DR384 KMV / 78AC02
SDLG E6210FLC / W096AAA
RDK 250 / EH
PKCD-14/25 / EH
PEUGEOT PARTNER / 877TH402
PAZ 32053 / 360VM02
MITSUBISHI DELICA / 129YB01
NIKASA MRH-600DS / EH
MECALA CTLB870 / 034AAE
MANTOUMT1335SL / A78APD
LIZUN LZ3500 / A52ARD
LIEBHERR R920 / A570AVD
KOMATSU LV250-5 / A349APD
KAMAZ 69153 / 98BLR02
JCB 3CX 3 in 1 / M620AVD
HOWO ZZ5327GBN847E / 520ALM02
HOWO ZZ5327GBN847E / 190BH02
HOWO ZZ5327GBN847E / 028LY02
HOWO / 087AJ02
HAULOTIE HTL4017 / A399AD
HAMM DV70VO / A424KV D
GEHL R220 / W218AAA
GEHL R220 / W217AAA
GAZ 330292-244 / 282LV02
GAZ 27057-765 / 98BLB2
FOTON BJ049 / 068W01
FOTON 12 / 58BYW02
EUROMIX DYNAMIC 75 / 990KZ02
CUJKUROVA CJ70PC / BN
BOMAG BW16 AD-4 / A425AVD
BEARUS 82MK-01 / A639ACD
AKSA APD75A / BN
AIRPIK APD-57 / BN

UAZ 390B45 / 58AJ02
TOYOTA 8RGL15 L5 THH / BN
MITSUBISHI DELICA / K0375AIF01

ZIL 131 / 192LX02
XCMG XMR303 / A811ATD
XCMG XCT2L5_S / 072MP02

SEM-TRAILER

SEM-TRAILER

ONBOARD TRUCK LOADER CRANE
PIPE LAYER
ONBOARD TRUCK LOADER CRANE

LOWLOADER

TRUCK TRACTOR

TRUCK TRACTOR

MINIBUS

MINIBUS

MIN FORKLIFT TRUCK

TLOWLOADER

TRUCK TRACTOR

TRUCK

MIXER TRUCK SELF-LOADING

TRUCK

SEM-TRAILER

DIESEL GENERATOR

FRONT-END LOADER

SINGLE-DRUM ROLLER

TRUCK CRANE

EXCAVATOR LOADER

ROTARY TILLER

LIGHT MOTOR CAR

LIGHT MOTOR CAR

LIGHT MOTOR CAR

DUMP TRUCK

DUMP TRUCK

DUMP TRUCK

MIXER TRUCK

MIXER TRUCK

ONBOARD TRUCK LOADER CRANE

TRACKED EXCAVATOR

TRACKED CRANE

COMPRESSOR STATION

MINIBUS

BUS

LIGHT MOTOR CAR

HAND ROLLER

EXCAVATOR LOADER

TELESCOPIC HANDLER

MIXER TRUCK SELF-LOADING

TRACKED EXCAVATOR

TRUCK CRANE

MIXER TRUCK

MIXER TRUCK

MIXER TRUCK

DUMP TRUCK

TELESCOPIC HANDLER

DUAL-DRUM ROLLER

FRONT-END MINILoader

FRONT-END MINILoader

PASSENGER AND CARGO TRANSPORT

PASSENGER AND CARGO TRANSPORT

TRUCK-MOUNTED HYDRAULIC LIFT

WATER CARRIER

MOBILE CONCRETE MIXER PLANT

DIESEL GENERATOR

DUAL-DRUM ROLLER

WHEELED TRACTOR

DIESEL GENERATOR

COMPRESSOR UNIT

PASSENGER AND CARGO TRANSPORT

MINI FORKLIFT TRUCK

LIGHT MOTOR CAR

MOBILE TRUCK REPAIR SHOP

DUAL-DRUM ROLLER

TRUCK CRANE

ZZ3407S3867E MCH
XCT2L5_S MCH
SX3258DR384 MCH
JDF5250JSQDL MCH
ZZ5327GBN847E MCH
(MCH) SX5258GBDR384

WP29400TDP
FH13
FH
HLUX
HACE
7FGL15
SKW940ZTDP
SK4258N324
128
HY350
A21R33
TK34CX
AD220

ZL50GN
XS16J
XCT2L5_S
WZ30-25
W600DC
HLUX
HLUX
HLUX
X3000 SX3386T386
X3000 SX3386T386
X3000 SX3386T386
SX5258GB6R384
SX5258GB6R384
SX3258DR384 KMV
E6210FLC
250
425
PARTNER
32053
DEUCA
MRH-600DS
TLB870
MT11335SL
LZ3500
R920
LV250-5
69153
3CX 3 in 1
ZZ5327GBN847E
ZZ5327GBN847E
ZZ5327GBN847E
ZZ3407S3867E
HTL4017
DV70VO
R220
330292-244
27057-765
BJ049
12
DYNAMIC 75
CJ70PC
BW16 AD-4
82MK-01
APD75A
APD-97

ZL50GN
XS16J
XCT2L5_S
WZ30-25
W600DC
HLUX
HLUX
HLUX
X3000 SX3386T386
X3000 SX3386T386
X3000 SX3386T386
SX5258GB6R384
SX5258GB6R384
SX3258DR384 KMV
E6210FLC
250
425
PARTNER
32053
DEUCA
MRH-600DS
TLB870
MT11335SL
LZ3500
R920
LV250-5
69153
3CX 3 in 1
ZZ5327GBN847E
ZZ5327GBN847E
ZZ5327GBN847E
ZZ3407S3867E
HTL4017
DV70VO
R220
330292-244
27057-765
BJ049
12
DYNAMIC 75
CJ70PC
BW16 AD-4
82MK-01
APD75A
APD-97

ZZ3407S3867E MCH
XCT2L5_S MCH
SX3258DR384 MCH
JDF5250JSQDL MCH
ZZ5327GBN847E MCH
(MCH) SX5258GBDR384

WP29400TDP
FH13
FH
HLUX
HACE
7FGL15
SKW940ZTDP
SK4258N324
128
HY350
A21R33
TK34CX
AD220

390945
8FG115
DEUCA

131
XMR303
XCT2L5_S

2021

2020

2021

2014

2021

2021

2021

2011

2018

2022

1995

2008

2020

2021

2008

2021

2020

2000

2020

2021

2022

2021

2003

1999

2014

2022

2022

2022

2022

2021

2021

2022

2022

1986

250

425

PARTNER

32053

DEUCA

MRH-600DS

TLB870

MT11335SL

LZ3500

R920

LV250-5

69153

3CX 3 in 1

ZZ5327GBN847E

ZZ5327GBN847E

ZZ5327GBN847E

ZZ3407S3867E

HTL4017

DV70VO

R220

330292-244

27057-765

BJ049

12

DYNAMIC 75

CJ70PC

BW16 AD-4

82MK-01

APD75A

APD-97

2021

2012

2013

1988

2020

2020

XCMG LW50KZ / A528AXD
XCMG LW50DFN / A018APD
XCMG GR215 / A76APD
WACKER NEUSON RTUX-SC3 / KAW003
VOGELE SUPER 1800-2 / A88ATD
TOYOTA 4SDK10 / A350APD
SHACMAN X3000 / 78BDF02
SHACMAN X3000 / 756DG02
SDLG L6953 / A920APD
RUNBOM HBT540 / BN
RENAULT DUSTER / 680AC09

RENAULT DUSTER / 505AJ02
REFEY-BETON 25 / BN
P200Q 6-38MM / BN
MITSUBISHI DELICA / 480AB20
MECALA CTLB870 / 032AAE
MANTOUMT1435SL / A804ARD
LONKING CDMS16B / X65BALD

LIEBHERR PR744L / A635ACD
LIEBHERR PR741C / M890AXD
JLG 680S / Z1840D
JLG 439ART 15 METP / AMD644A

JLG 439ART / A645AMD
JLG 4013 / A641AMD
JCB VMT160-80 / A909ACD
JCB JS305LC / M62AVD
JCB JS175W / M619AVD

HOWO / 087AG02
HITACHI ZAXIS 240-3 / X985AND
HAULOTIE OPTIMUM 8 / BN

DONGFENG JDF5250JSQDL / 034MVA02
AKSA APD200A / BN
AKSA APD145A / BN

TOYOTA LC200 / 394LR02
TOYOTA 4RUNNER / 107LV02
SHACMAN SX5258GBDR384 KMV / 22BL02
RENAULT DUSTER / 501AJ02

MECALA CTLB870 3 in 1 / 033AAE
LADA 21310 / 560AG02
GAZ 53-12 / 88BYA01

CASE SR150 / A849AUD
AKSA AD225 / BN
951SA02 (Semi-trailer)
14JKA02 (Semi-trailer)

XCMG ZL50GN / A76APD
VOLVO EW205D / A634ACD
SHACMAN X3000 / 713D G02
MITSUBISHI DELICA / 489AB20
LADA URBA N 213100 / 974AB20

XCMG XCT2L5_S / 628AG02
TOYOTA LAND CRUISER 200 / 394BH02
TAIAN DY620 / BN

LEXUS LX670 / 88BHEA02
KOMATSU FG20 / BN
KIA K5 / 88BMA02

JLG 600A / Z342AND
JLG 500RTS / BN
JLG 500RTS / BN
JLG 500RTS / BN

JLG 439ART / A649AMD
JLG 439ART / A649AMD
JLG 4013 / AMD642A
HAULOTIE H660E

GMBH
GAZ A22R3-50 / 211AJ02
AKSA AJD 132

1

FRONT-END LOADER

FRONT-END LOADER

MOTOR GRADER

TRBNCH ROLLER

ASPHALT PAYER

FRONT-END MINILoader

DUMP TRUCK

DUMP TRUCK

FRONT-END LOADER

CONCRETE PUMP

LIGHT MOTOR CAR

LIGHT MOTOR CAR

STATIONARY CONCRETE MIXER PLANT

HIGH-PRESSURE HOSE CRIMP MACHINE

LIGHT MOTOR CAR

EXCAVATOR LOADER

TELESCOPIC HANDLER

SINGLE-DRUM ROLLER

BULLDOZER

BULLDOZER

DIESEL TELESCOPIC HANDLER

DIESEL SCISSOR LIFT

DIESEL SCISSOR LIFT

TELESCOPIC HANDLER

DUAL-DRUM ROLLER

TRACKED EXCAVATOR

WHEELED EXCAVATOR

DUMP TRUCK

TRACKED EXCAVATOR

DIESEL SCISSOR LIFT

ONBOARD TRUCK LOADER CRANE

DIESEL GENERATOR

DIESEL GENERATOR

LIGHT MOTOR CAR

LIGHT MOTOR CAR

ONBOARD TRUCK LOADER CRANE

LIGHT MOTOR CAR

EXCAVATOR LOADER

LIGHT MOTOR CAR

SEPTIC CAR

FRONT-END MINILoader

DIESEL GENERATOR

SEM-TRAILER

SEM-TRAILER

FRONT-END LOADER

WHEELED EXCAVATOR

DUMP TRUCK

MINIBUS

LIGHT MOTOR CAR

TRUCK CRANE

MINIBUS

FRONT-END MINILoader

LIGHT MOTOR CAR

MINI FORKLIFT TRUCK


LIGHT MOTOR CAR

DIESEL MANLIFT

COMPANY GROUP EXPERIENCE | DESIGN

No.	NAME OF THE OBJECT	CUSTOMER	YEARS OF IMPLEMENTATION	TYPE OF WORK
1	Transport and Logistics Center (Phase 2 of construction) Astana	Continental logistics LLP	2018-2019	Development of a preliminary design
				Comprehensive development of design and estimate documentation (Stage P, WD)
2	Transport and Logistics Center in Shymkent	Continental logistics LLP Shymkent	2019	Development of a detailed design for SM/RC, FFS/FPS, GP, including sections on dispatching and an automatic structural health monitoring system
3	Block-modular boiler room at the Ken-Mart shopping and entertainment center in Nur-Sultan. Transfer to LPG	Continental logistics LLP	2018-2019	Development of a working draft for the reconstruction of the boiler room
4	Aksuat, Shornak, and Saksauysk compressor stations	Electrochemical Protection LLP	2018	Working draft of cable and pipe trestle, trays
				Working draft of an automatic fire extinguishing, fire alarm, and video surveillance system
5	Sludge storage facility at the soda ash plant in Aralsk	AralSoda LLP	2019	Working draft of a sludge storage facility, comprehensive design.
6	Aktogay Mining and Processing Plant Expansion	Industrial Construction Group LLP	2019	Development of a cost estimate for a water pipeline (pipeline) with a pumping station
7	Aktogay Mining and Processing Plant Expansion	Industrial Construction Group LLP	2019	Development of a firefighting section for the mill warehouse of the mine
8	Installation of a comprehensive gas treatment facility at the Kozhasay field. Aktope Region	Asia Techno Complect LLP	2019	Consulting and calculations for a powder extinguishing system at the Kozhasay field facilities.
9	Energy center at the Administrative and Business Center (mini thermal power plant) in Turkestan	Akmol-Project LLP	2019	Development of a working design for an energy center for buildings in the Administrative and Business Center of Turkestan.
10	Construction of a production base	Schlumberger Logelco Inc.	2019	Design of gas fire suppression systems
11	4.8 MW boiler room for greenhouse complex	Rich Valley LLP	2020	Working project "Construction of a Q=4.8 MW boiler house for a greenhouse complex at the following address: Almaty Region, Karasai District, Eltaysky S/O, Isaev Village, ul. M. Mametova Street, Plot 205
12	Access railway in the Aktope region	DanCo Regions LLP	2020	Working draft of access railway tracks with a length of 1.85 km with intersections of transport and engineering communications.
13	Construction of a plant for the production of geosynthetic membranes (geomembranes, using the flat-slot extrusion method from polyethylene) in Astana, Almaty district, A194 street, plot No. 8	QAZGEOMAX LLP	2023	Development of a working draft

COMPANY GROUP EXPERIENCE | DESIGN, CONSTRUCTION, AND SUPPLY

No.	NAME OF THE OBJECT	CUSTOMER	YEARS OF IMPLEMENTATION	TYPE OF WORK
1	Canteen with 50 seats at the Abyz mine, Karagandavetmet Production Association		2023-2026	EPC contract
2	Nurkazan Production Complex, Karagandavetmet Production Association		2023-2026	Device for standard modular prefabricated checkpoints
3	Sayak Mine, Branch of Kazakhmys Corporation LLP, Balkhashtvetmet Production Association		2023-2026	Construction of a residential building with a heated passageway to the existing ABK-200 building at the Sayak3 mine, Tastau, for 210 people
4	Regional Unified Warehouse Management System of the Branch of Kazakhmys Corporation LLP, Balkhashtvetmet Production Association		2023-2026	Construction of a 10,000 m3 above-ground fuel oil complex for the Fuel and Lubricants section
5	Canteen No. 15 VZhR, mine 57		2024-2025	MPD
6	Kindergarten with 280 places		2024-2026	EPC contract
7	SK NAMYS Sports Complex in Zhezkazgan, Zhastar Park, Zheltoksan Street, land plot 1398		2023-2024	EPC contract
8	A sports and recreation complex with 320 seats in Zhezkazgan		2023-2024	EPC contract
9	Reconstruction of Miners' Square in Satpaev		2023-2024	EPC contract
10	Reconstruction of Metallurgists Square in Zhezkazgan		2023-2024	EPC contract

COMPANY GROUP EXPERIENCE | DESIGN, CONSTRUCTION, AND SUPPLY

No.	NAME OF THE OBJECT	CUSTOMER	YEARS OF IMPLEMENTATION	TYPE OF WORK
11	Supply and Installation of Modular Checkpoint Booths		2023-2024	Equipment delivery
12	Evaporation Pond No. 1 for the "Vostochnaya Sary-Oba", "Zapadnaya Sary-Oba", and "Itauyz" Mines		2023-2025	EPC contract
13	General Plan Facilities – Administrative and Utility Complex "Vostochnaya Sary-Oba" (Collector and Road)		2021-2022	EPC contract
14	Administrative and Utility Complex "Vostochnaya Sary-Oba" of the Zhiladinsky Mine		2023-2025	EPC contract
15	Construction of the administrative and utility complex for the "Vostochnaya Sary-Oba" mine, additional construction volumes for 2021-2022 (Warehouse, fire depot, pavilion)		2023-2025	EPC contract
16	FOCL (Sary-Oba)		2023-2024	EPC contract
18	Construction of a Core Storage Facility with Core Analysis Laboratory and AUB		2021-2023	EPC contract
19	Construction of a Training Center with a Geology Museum		2022-2024	EPC contract
20	Construction of a Repair and Maintenance Workshop in Zhezkazgan		2023-2024	EPC contract

COMPANY GROUP EXPERIENCE | DESIGN, CONSTRUCTION, AND SUPPLY

No.	NAME OF THE OBJECT	CUSTOMER	YEARS OF IMPLEMENTATION	TYPE OF WORK
21	Construction of On-Site Utilities, Infrastructure Facilities, and Landscaping on the Territory of the Core Storage Facility in Zhezkazgan		2023-2025	EPC contract
22	Construction of On-Site Utilities on the Territory of the Temporary Storage Hangar in Balkhash		2022-2025	CIW
23	Construction of a Temporary Core Storage Facility in Balkhash		2022-2025	EPC contract
24	Repair of the Artificial Runway (RWY), Taxiway (TWY), and Apron at Zhezkazgan Airport		2023-2025	Repair of the Artificial Runway (RWY), Taxiway (TWY),
25	Berkara MMC Plant		2021-2023	Construction
26	Construction Of A Sulfuric Acid Warehouse		2021-2023	Construction
27	Construction of a shift camp		2021-2024	EPC contract
28	Office building and dining room with 100 seats		2021-2022	Roofing repairs
29	Topar SDPP LLP (Section 1,2,4,6)		2022-2025	CWI on the Construction of the Zolotovala dams
30	Construction of a residential building at Topar SDPP		2025-2026	EPC contract
31	Replacement of turbine unit No. 3 with a K-130-8,8 type turbine unit for Topar SDPP LLP		2023-2025	EPC contract
32	Construction of a Self-Cleaning Filter Chamber on the Pressure Circulation Water Pipelines of the TPP		2022-2025	EPC contract
33	Expert examination and assessment of the technical condition of buildings (structures)			EPC contract

COMPANY GROUP EXPERIENCE | DESIGN, CONSTRUCTION, AND SUPPLY

No.	NAME OF THE OBJECT	CUSTOMER	YEARS OF IMPLEMENTATION	TYPE OF WORK
34	RSE Kazaeronavigation Aralsk		2023-2025	CIW
35	RSE Kazaeronavigation Atyrau		2023-2025	CIW
36	Office space renovation in the business center "Venus", in Almaty		2025	EPC contract
37	SRC, Stepnogorsk		2025-2026	EPC contract
38	SRC, Balkhash		2025-2026	EPC contract
39	Aurum Business Center		2025-2026	EPC contract
40	House of creativity, Stepnogorsk		2025-2026	EPC contract
41	Construction of a dormitory with 110 beds		2025	DED
42	Canteen of the SAP BCP		2024-2025	DED
43	Canteen for 150 seats (ZMP)		2024-2025	DED
44	Supply and Installation of Modular Checkpoint Booths, 6 m ² – 20 units		2024	DED
45	Roofing Repair of Buildings and Structures		2023	CIW
46	Supply and installation of modular checkpoint booths, 6 m ² – 3 units.		2024	CIW

COMPANY'S EMPLOYEES WORK EXPERIENCE

- Modernization of **GTU-40** to increase the capacity to 380 million nm³/year.
- Second modernization of **GTU-40** to increase the capacity to 435 million nm³/year.
- Implementation of modernization for amine gas treating and gas dehydration and demercaptanization unit to enable reception of high-sulfur gas from the Urikhtau Operating field.
- Participation in the development of the technological concept for the **Kashagan GTU project** (jointly with Grace Technology and Zeochem employing molecular sieve dehydration technology and gas demercaptanization technology; China Oil HBP Science & Technology Corporation Ltd. – light hydrocarbons recovery unit; Rameshni & Associates Technology & Engineering – ...) China Oil HBP Science & Technology Corporation Ltd. – thermally and catalytically enhanced Claus process, tail gas treatment (**Shell Claus Offgas Treating — SCOT**)
- Participation in the commissioning of **GTU-40**, and the second and third stages of the Oil and Gas Gathering and Treatment System of **ZOGPC-3**.
- Construction of the Kozhasay Compressor Stations (CS-Kozhasay)
- Construction of the Karaozek Compressor Stations (CS-Karaozek)
- Construction of the AGDS "Auliekol", AGDS "Alga", AGDS "Zharkent", AGDS "Shelek", AGDS "Esyk"
- Construction of the Asia Gas Pipelines
- Construction of the BBSH Trunk Gas Pipelines
- Construction of the Bukhara–Ural-2 Trunk Gas Pipeline (Second line)
- Reconstruction of 33 wells at the Bozoy Underground Gas Storage (UGS) facility



OUR CUSTOMERS



KAZAKHMYS CORPORATION LLP



BUZACHI OPERATING LTD



TENGIZCHEVROIL JSC



ELECTROCHEMICAL PROTECTION LLP



ARALSODA LLP



KAZAKHMYS BARLAU LLP



GRES TOPAR LLP



KAZAKHMYS COAL LLP



NGSC KAZSTROYSERVICE JSC



ALTYN ALMAS LLP



KAZMUNAYTENIZ JSC



KARAZHYRA JSC



EKIBASTUZ SDPP-2 POWER STATION JSC



ARX MINERALS LLP



KAZAZOT JSC



EURASIA COPPER PLC LLP



KPO B.V.



INDUSTRIAL CONSTRUCTION GROUP LLP



DIETSMANN SPA



KAZMORTRANSFLOT JSC



AGIP KCO



PSI GROUP



SGS KAZAKHSTAN LTD



MEGA Center Almaty Shopping Mall



KAZTRANS GAS



KAZAKHMYS SMELTING LLP



CASPY BITUM LLP



KONTI-STROY LLP



KAZCOPPER LLP



AAE ENGINEERING LLP



CTGLOBAL



+7 (727) 250-22-11

www.tnsu.kz

offers@tnsu.kz

dcc@tnsu.kz

info@astel-k.kz

www.astel-k.kz

Republic of Kazakhstan, 050004,
Almaty, Nauryzbai Batyr ave. 8,
Business center Koba, floors 1, 5-7

