
TECHNICAL DUE DILIGENCE

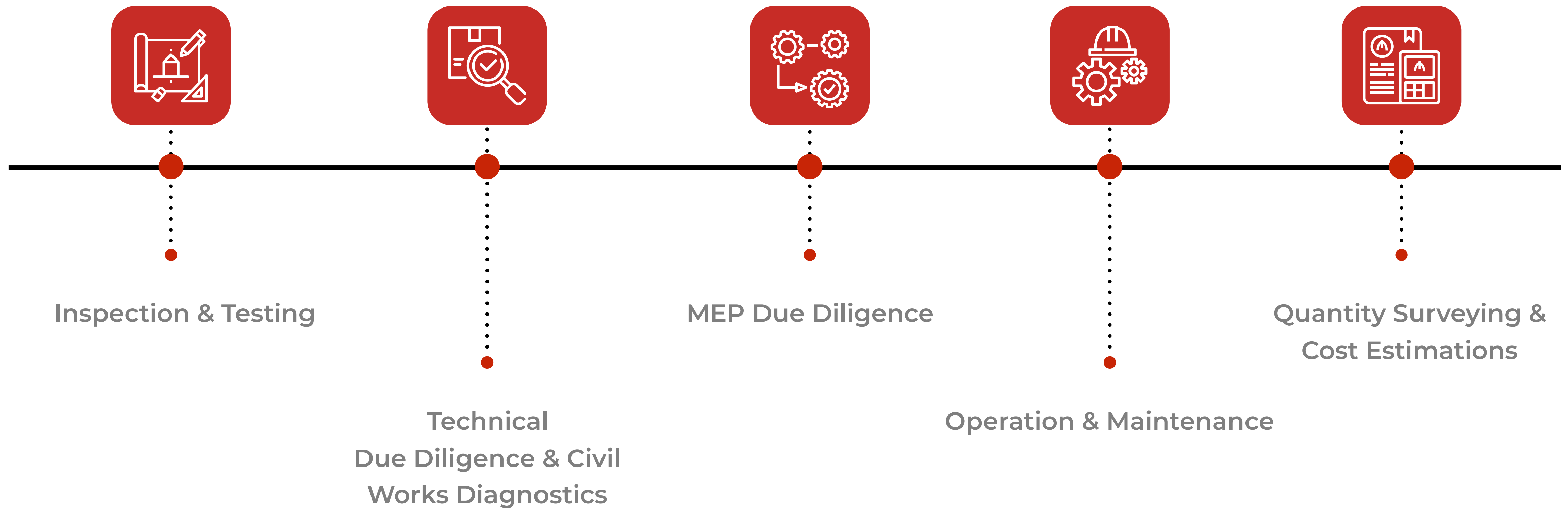
ARPA Consulting

Technical Due Diligence is one of the priority services ARPA Consulting involves and includes several directions, various types of inspection, installation, operation & maintenance, repair works, civil works diagnostics etc.

ARPA Consulting serves infrastructural needs of Azerbaijan major civil infrastructure projects and sport events, which includes water supply and waste water networks, waste water treatment plants, railway and transportation facilities, administrative buildings and waste landfills, energy electricity and industrial facilities. ARPA Consulting showed its performance in technical due diligence, inspection, installation, handover and completion works, supervision and design services. It was always exciting and inspiring experience to support implementation of such fascinating projects.

It is necessary to underline that ARPA Consulting is one of the leading engineering companies in Azerbaijan which is involved in various locally and donor funded engineering projects aimed to improve social, industrial, energy, water, transport and other types of infrastructure in our country. Our engineers, inspectors and supervisors have many years of successful track of projects and efficiently develop any engineering solution for any challenging project.

WHAT DO WE DO?

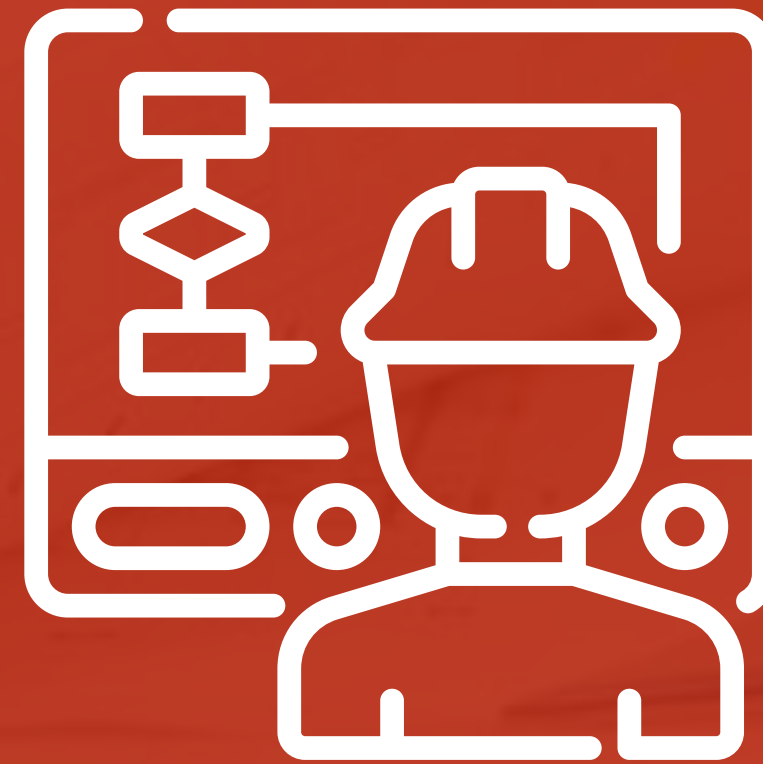


WHAT ARE THE SUBJECT FACILITIES WE SERVE?

- Industrial Equipment
- Lifting Equipment & Elevators
- Civil Infrastructure
- Sport Infrastructure
- Water Supply & Sewerage Systems
- Waste Water Treatment Facilities
- Pivot & irrigation systems
- Boiling & Pumping Equipment
- Soil, Asphalt, Concrete
- Fire Emergency Systems
- AC & Ventilation Systems
- Temporary Demountable Structures
- Steel Structures, Glass Structures & Welding
- Business & Commercial Properties
- Residential & Hospitality Properties
- Industrial Properties



INSPECTION & TESTING



- | Third Party Inspection
- | Quality Assurance & Control
- | Equipment & Material Testing
- | Calibration of Equipment
- | Reinforcement Survey
- | Temporary Demountable Structures Inspection
- | Document Review

- | Structural Assessment Laboratory Tests and Analyses
- | Visual inspection
- | Document Review
- | Non Destructive Testing (NTD)
- | Lifecycle equipment estimation
- | Diagnostic of operation
- | HSE Audit

TECHNICAL DUE DILIGENCE & CIVIL WORKS DIAGNOSTICS

- | Review of the structure and infrastructure documents
- | Review of the architectural and finishing documents
- | Total completed & processed civil works diagnostics
- | Review of design compliance
- | Structural calculations & evaluation of integrity

MEP DUE DILIGENCE



Operation verification
(normal status of operation,
start/stop, alarms, abnormal
conditions)



Inspection of equipment (for
general aspect, numbers,
completeness, damage,
maintenance status, etc.)



Indication life estimate of
equipment (new, mid-life or
to be replaced)

OPERATION & MAINTENANCE

- | Turnkey O&M of WWTPs
- | Development of maintenance programs
- | Different types of maintenance works
- | Replacement of spare parts
- | Back propping works
- | Installation & commissioning of equipment
- | Repair works



QUANTITY SURVEYING & COST ESTIMATION



Construction
projects cost
estimations

BOQ development

Verification of the
conformance of the Bills
BOQs with the executed
works

Checking any
discrepancies between the
execution drawings and
as-built drawings (if
available)

Preparation of cost
estimations for
recommended works

OUR CUSTOMERS



SAMPLE RELEVANT PROJECTS

- | Installation of WWTP Equipment and Accompanying Civil Works for Purifier for 100-beds Hospitals in Sheki and Agdash Districts, Evaluation of Bid Proposals, Supervision and Design (World Bank funded)
- | Installation & Maintenance of WWTP Equipment for National Waste Water Supply and Sanitation Project: Construction of Waste Water Treatment Plant for Nakhchivan city (ADB funded)
- | Installation & Maintenance of WWTP Equipment for National Waste Water Supply and Sanitation Project: Construction of Waste Water Treatment Plant in Shahbuz city
- | Installation and Maintenance of WWTP Equipment for National Waste Water Supply and Sanitation Project: Construction of Waste Water Treatment Plant and Related Structures Shamakhi city (World Bank funded)
- | Concrete Maintenance Works for EL METAL Steel Factory
- | Power Distribution Enhancement Investment Program, Tranche 1: Project Supervision and Management (ADB funded. Supervision over 40 contractors construction works in the regions of Azerbaijan, including testing and inspection of materials)
- | Third Party Inspection for Azertechnoline
- | Third Party Inspection Aktau Turkmenbashi Development Project
- | Baku 1st European Olympic Games: Installation and maintenance of various type of equipment, quality control works (BEGOC)
- | Baku 1st European Olympic Games: Structural Loads Testing the existing floor slabs at levels 1, 2, 3 and 4 at the Uniform Distribution and Accreditation Centre (BEGOC)
- | Baku 1st European Olympic Games: Assessment of Load Bearing Capacity of existing concrete slab in Press Centre at Cristal Hall Area (BEGOC)

SAMPLE RELEVANT PROJECTS

- | Baku 1st European Olympic Games: Potable Water Services Assessment Pertaining to Capital & Temporary Infrastructure Across AVL (BEGOC)
- | Baku 1st European Olympic Games: Media Village Assessment & Maintenance Of Water Services Infrastructure (BEGOC)
- | Baku 1st European Olympic Games: Athletes Village Assessment & Maintenance Of Water, Ventilation and Fire Emergency System (BEGOC)
- | Detailed design, Inspection and Installation of Grandstands for Baku City Circuit Project: Formula 1 Baku European Grand Prix race
- | Islamic Solidarity Games (AISGOC): Provision of Structural Load Assessment Services, Mechanical Survey and Analysis of Water Infrastructure as well as Maintenance and Back propping Works for Athletes Village (AVL), Crystal Hall and Other Engineering Services on the Venues in Baku
- | Assessment and Maintenance Works of Equipment for the Metal Steel Structures Plant
- | Installation of Modular Buildings for Private Car Maintenance Center
- | Construction and Renovation of Various Facilities Including Installation of Complicated Steel Structures Metal Steel Structures Plant
- | Inspection of WWTP in Port of Baku in Alat
- | Maintenance Works of WWTP in Port of Baku in Alat for Evrascon
- | Operation and Maintenance of WWTP in Port of Baku in Alat
- | Health & Safety Audit & Maintenance Plan Eloboration for Gilan Holding's Hospitality Group
- | Gabala Canning Factory: Maintenance of Sewerage Treatment Facility
- | Construction of Overpass Pedestrian Crossing of Qala - Pirallahi highway 3 + 600 km

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THANK YOU FOR ATTENTION

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