



ZERSAKHT ENGINEERING & PROJECTS (P) LIMITED

Integrated solutions for Infrastructure

ABOUT US

We are one of the designed companies furnished with highly professional engineers and skilled resources to execute and deliver complex mega infrastructure projects. Our inscription is in devoted engineering, innovation, brain storming that make us complete great infrastructure projects of today. The technical expertise, dedication of our people and capabilities makes us a realistic front-runner in infrastructure. The dedication of our people and the shared values that unite us give our many stakeholders the confidence to trust us and do business with us.

We assist stakeholders in development of large-scale engineering scheme providing fundamental public services for social production, economic development, and people's life. Mega infrastructure projects exhibiting high complexity such as technical, organizational, over budgeting and low investment return. We address these challenges by performing site management, scope management, project procurement management, risk management, and organization management. The execution of such large-scale projects carried out based on life cycle approach optimizing the cost, quality, design and resources. We execute public works infrastructure projects in all domain, funded by public, private or through public-private partnership. we upkeep for the dynamic assets that enable societies and economies to grow:

WHAT WE DO

Airport Infrastructure

We are professional in execution of landside, airside and capital improvement projects at airports of all sizes throughout the world. Zersakht brings dedicated and agile teams work with clients from conception right through to completion of every project we work on. We understand that collaboration with our clients, shareholders to build relationships, ensuring that we work towards the same goal to deliver a safe, sustainable, efficient and value for money projects.

Our teams successfully deliver projects internationally utilising plant fleet including mobile concrete and asphalt batching plants. We deliver projects of high standard quality and within time frame as specified in the contracts. We often with permission of the Clients carry out works during night time to meet the target of Milestones.

Our Capabilities:

- Delivery of Airports infrastructure projects including M&E works.
- Design and Build Land side and Airside civil projects.
- Apron, Taxiways, and Holding Bays Construction
- Logistic City, Warehouses, Hangar construction
- Access roadways, Internal and Periphery Roads
- Water, Storm Drainage, Sewerage, Chilled Water and Fire networks
- Vacuum Waste Collection system and Plant construction
- STP, Water Desalination and Chilled water plants
- Substations Construction
- Design, production and placement of Asphalt concrete and pavement quality concrete.
- Design and Construction of Hardscape and Interlock placement
- Night time resurfacing and rehabilitation projects.

Our success is built on experience and in-depth knowledge of the aviation sector. we enjoy delivering intelligent, cost effective solutions within time and control budget.





WHAT WE DO



Urban Development and Real Estate

Zersakht is one of the established companies in urban development. We construct master planned smart cities, capital cities and real estate mix use projects, delivering sustainable solutions to best meet the needs of modern populations. Zersakht is uniquely positioned to add value to every part of urban development and urban regeneration.

Our work also includes projects in transport, energy, water and environment, building design, industry, communications, health and education infrastructure.

We work in close partnership with local government authorities, developers and local communities to enable projects that add value for all stakeholders. Our clients range from large public sector organisations and private/public partnerships to multinational corporations, as well as individual private developers.

Defense Construction

We have substantial experience of delivering major build and refurbishment projects to the defence agencies and contractors. Our dedicated teams have vast experience of working in construction these highly regulated and demanding establishments. Our services are focused on the traditional areas of construction and construction contract management.

Heavy Civil, Utility Plants and Industrial Plants

We recognise that the complexity associated with utilities requires a unique set of skills and an appreciation of the technical domain. As one of the most respected Infrastructure company, we have been helping to shape best practice in the utility industry, whilst building long-term trusted relationships with our clients to help plan projects more efficiently and safely. We support Clients across a spectrum of projects, from major infrastructure and transportation schemes, to mixed-use developments.

We apply our knowledge and expertise to a wide range of projects and advocate industry best practice, carrying out our utility projects in accordance with PAS 128, and helping fulfil crucial responsibilities under CDM regulations and HSG47 guidance.

We provide quality assurance services under ISO 900, ISO 9001, OHSAS 18001 and ISO 14001 certifications through our corporate.

As a respected and established engineering and Construction company we understand the importance of delivering to time and budget, whilst meeting client's expectations. We therefore offer products that provide a range of flexible turnaround times to address the immediacy of challenges encountered during execution.

We participate in construction of major plants such as: District Cooling Networks and Plant, Water and Waste water Networks and STPs, Water Desalination networks and plants, Power plants and substation; M&E Installation, Operation and Maintenance, Petro-chemical and fertilisers industry construction, Pharmaceutical Industry Construction, Mining and Oil & Gas.

WHAT WE DO



Roads, Bridges and Tunnels

A global need to improve economy, transport infrastructure needs to cope with both the demands of today and the needs of future generations. Zersakhts' teams around are working on projects that help to shape the future of transportation – designing structures that connect cities and towns, managing major roads and ensuring that sustainable solutions really work.

Zersakht work closely with clients and partners across public sectors, private developers and contractors to build sustainable infrastructure for the future. We work in partnership with clients, to deliver real outcomes and long-term benefits. We continually strive for excellence, both in the projects we work on and the partners. By investing in our resources, we ensure that on a day-to-day basis technical challenges are met, delivering the best results for clients.

We have a proven expertise in the transport sector, working as the main road construction contractor/partner on larger design and construct projects, whether Public frameworks or Public Private Partnerships (PPPs). Our resources construct and deliver bespoke transport solutions from arterial roads to highways, bridges and tunnels, access improvements, bypasses, and associated infrastructure.

Energy

We are committed to providing sustainable sources of energy and are experienced in managing a wide range of projects – both in the development of infrastructure foundations and in power station construction, recycling plants and other structures associated with the renewable energy market.

Our teams have the capability to deliver all kinds of sustainable power station construction projects and work with clients, specialists and others to develop new and efficient methods of reducing the carbon footprint and reliance on traditional fossil fuels.

We are also experienced in constructing a newer forms of power generation such as energy from waste, and bio- mass production. We are actively involved at the forefront of this fast-growing sector.

Working in partnership with Clients, we deliver projects safely, on time and within budget. Our aim is to construct facilities that meet current and future demands with minimal use of natural resources, balancing pollution prevention requirements with performance.

Marine, Dam, Rivers, Ports and Harbours

We have been closely associated with marine projects and have acquired vast experience in developing ports and harbours construction schemes. Working in the most difficult construction environments, our knowledge and expertise of this sector – tied with modern construction techniques, plant and equipment enables us to offer practical solutions on undertaken projects.

We work either as main contractor offering a complete design and construct solution or alternatively as a project partner delivering the civil engineering works. Each scheme is project managed, enabling manpower, plant and logistics ensuring seamless and efficient construction to the highest standards throughout the programme. We place an emphasis on planning, safety and responsible working methods which respect the environment and the local communities where we operate.

Our team delivers coastal defence structures, Fixed structures and landforms projects in Marine Coastal areas. We are involved into Dam, Spillways, Weirs and Canal constructions, Ports and Harbours construction and Oil Depot Projects. Our marine experience includes all types of marine construction from simple rock armor schemes to complex breakwaters, seawall, groin, gravity concrete platform and harbours

WHAT WE DO



Zersakht executes a wide range of construction projects for Clients in the downstream market, from single-unit revamps to petroleum refining complexes. Our experts have experience and capabilities in construction of hydro-processing, distillation, coking, hydrogen production and sulfur removal units. Our expertise in the total integration of utility and offsite systems for grassroots and revamped facilities generates cost savings for Clients.

Oil & Gas and Services

Zersakht specialist engineering and construction delivery skills are ensuring the efficient and timely delivery of onshore major oil and gas installations. Our inventive approach to construction, employing the very best thinking in structural and geotechnical engineering, is efficient and sustainable.

Zersakht professional engineering services, installation, project management and self-delivery capabilities combine with infrastructure experience help Clients in exploration, processing, storage and transport of liquefied and gaseous fossil fuels. We are the engineering and construction contractor to provide a complete, multi-disciplined, self-delivery offering to our valued clients. Working with companies engaged in upstream/midstream/downstream activities ranging from exploration and extraction through to processing and distribution demands an absolute focus on safety and sustainability. Our strict approach to quality assurance through the firm application of QMS, ensures the safe, efficient and economically viable utilization of assets over their entire operational life.

Zersakht expertise covers all types of construction for refinery and terminals. Also extends across modularised technical solutions in LNG storage, including EPC and construct a network for massive cryogenic tanks.

We are specialised in construction and commissioning of overland pipelines and associated pumping facilities provide a total solution leveraging the benefits of close collaboration, early contractor involvement and innovation to balance the interests of the environment with the cost and time targets of the client.

A safe and cost-effective constructability is inherent in Zersakht execution of projects. We have been delivering industry middle stream and downstream projects. The construction includes onshore Low-pressure pipelines and structures, cool store, refinery constructions, petrochemical stores, Tank farms, roads and upstream Oil & Gas services, transportation and Crude Oil Haulage.

Rehabilitation, Refurbishment

We provide a wide range of works associated with Internal and external refurbishment in industrial sectors. Especially for refineries, petrochemical and Fertilizers Plants. We constantly strive to always be at the forefront of H&S compliance, innovation, and good practice, so that we can produce an even safer working environment for our employees, our clients' operatives and the general public. Our workforce is highly skilled and carry out the works under strict compliance with quality and safety.



WHAT WE DO

Mines

We use specially designed integrated hydraulic slurry pipeline systems for slurry transportation through long distance to deliver high performing products and service solutions to our customers. Our dewatering system include a large range of dewatering pumps, hydro-cyclones, dewatering screens, specialty hose, tailored pontoons and barges. Our dewatering experts provide total solutions for the dewatering system.

The primary, secondary, and tertiary hard rock crushing is done using high capacity crushing and grinding equipment.

Effectively separating and classifying ore ensures undersized material bypasses the crushing and grinding process whilst oversized material continues through the process for further size reduction, and prepares the optimum size material for downstream separation.

We offer innovative and sustainable tailings and pipeline solutions for our clients. We help utilise tailings as products, as well as the design of pipeline transport systems to create sustainable mine waste solution

Hospitality, Health and Education

The hospitality industry relies on flourished business and travel & tourism industry of the country, one important way to contribute economy is through providing best in class spaces to people away from home. Zersakht hospitality portfolio features spaces that serve as welcoming retreats for those away from home. We through tried and tested construction processes, safety and quality control, deliver superior class of finishes and consistency throughout project. Our team has extensive experience in construction of range of hotels, resorts, chalets and private accommodations. Our capabilities ensure that we are able to meet our clients' needs on every front.

Zersakht offers construction, engineering, and planning services to the healthcare industry. The construction of smart healthcare facilities in the smart cities is carried out in strict compliance with quality and adherence to code of compliance with integrated internet of things. Our healthcare Design-Build approach is based on innovative technology and patient wellbeing.

Long-range planning for educational needs is a vital part of a community's orderly growth and development. The educational climate provided by a community determines to a large extent its outlook for the future. A school building provides a general environment in which learning is to take place and must be the end result of a careful process of preparation and development.

For green and smart schools, Zersakht offers design and build package to our clients.

Regeneration

Zersakht expertise in regeneration projects including streetscapes and flood defense works. We strive continuously to improve our environmental performance and maximize opportunities to create a better environment for all. On sensitive schemes we identify and implement best practice to minimise the impact of our work – protecting water courses, vegetation, wildlife and people.

Water, Utility Solution & Water Management

Zersakht offers comprehensive construction services to public and private clients facing the challenges of new and aging infrastructure, sustainability and smart growth, program funding, and limited staff resources. Our integrated approach to development of project solutions builds value for clients and helps advance the best practices of the industries we serve.

Our cores services include the following:



WHAT WE DO

- **Water utility infrastructure:** We provide advice and deliver engineering solution from design, and procurement to construction to optimize water and wastewater networks.
- **Pipelines:** Zersakht has significant experience in design and construction of collection, distribution, and transmissions pipelines for water, wastewater, and reclaimed water systems. Providing construction for systems that include pipes up to 3.0 m in diameter, Zersakht carefully considers owner preferences, operating parameters, installation requirements, and external conditions along the pipeline route.
- **Pump stations:** Zersakht' comprehensive services for pumping stations with capacities of up to 650,000 m3 per-day that include Design and construction services.
- **Treatment plants:** With experience involving in major water and wastewater treatment plants, Zersakht has significant qualifications to construct and support complex water treatment challenges, including conventional filtration, membrane processes, special measures for disinfection byproduct control, or corrosion control.
- **Master planning:** Zersakht cost-effective construction solutions to master planned projects, provide tools to support the decision-making process, and incorporate flexibility for future updates required by the client. Using a multidisciplinary approach, our professionals coordinate and address all relevant technical areas.

We recognise that the complexity associated with utilities requires a unique set of skills and an appreciation of the technical domain. As one of the most respected Infrastructure company, we have been helping to shape best practice in the civil construction industry. We support our clients across a spectrum of projects, from major infrastructure, transportation schemes, to mixed-use developments. We bring to our projects:

- **Expertise:** In the construction industry, apply our knowledge and expertise to a wide range of projects.
- **Best practice:** We advocate industry best practice, carrying out our utility searches in accordance with PAS 128, and helping fulfil crucial responsibilities under CDM regulations and HSG47 guidance.
- **Quality assurance:** We provide services under ISO 900, ISO 9001, OHSAS 18001 and ISO 14001 certifications through our corporate Business Management System.
- **Delivery focus:** As a respected and established engineering and Construction company we deliver projects on time and within budget, meeting client's expectations. We offer best our resources and methods that address the immediacy of challenges encounter during execution.

Zersakht provides a full range of services from planning and construction of hydraulic structures for river management and flood defence schemes to utility infrastructure design, operations and maintenance. We combine technical expertise with extensive engineering experience to deliver sustainable solutions for water industry. Our service offering is broad but our core services include:



- Water utility infrastructure: We provide advice and deliver engineering solutions from design, procurement to construction to optimise water and wastewater networks.
- River management: We have a deep understanding in construction of waterway structures to water supply.
- Flood management: We assist in reducing the impact of flooding whether from rivers, urban drainage, flood defence failure or groundwater.
- Surface water and drainage: We use our extensive experience in surface water drainage, flood risk, sustainable drainage systems and construction to develop effective surface water management plans.
- Dams and reservoirs: We construct all types of dams and reservoirs and conduct assessments relating to safety and stability activity.

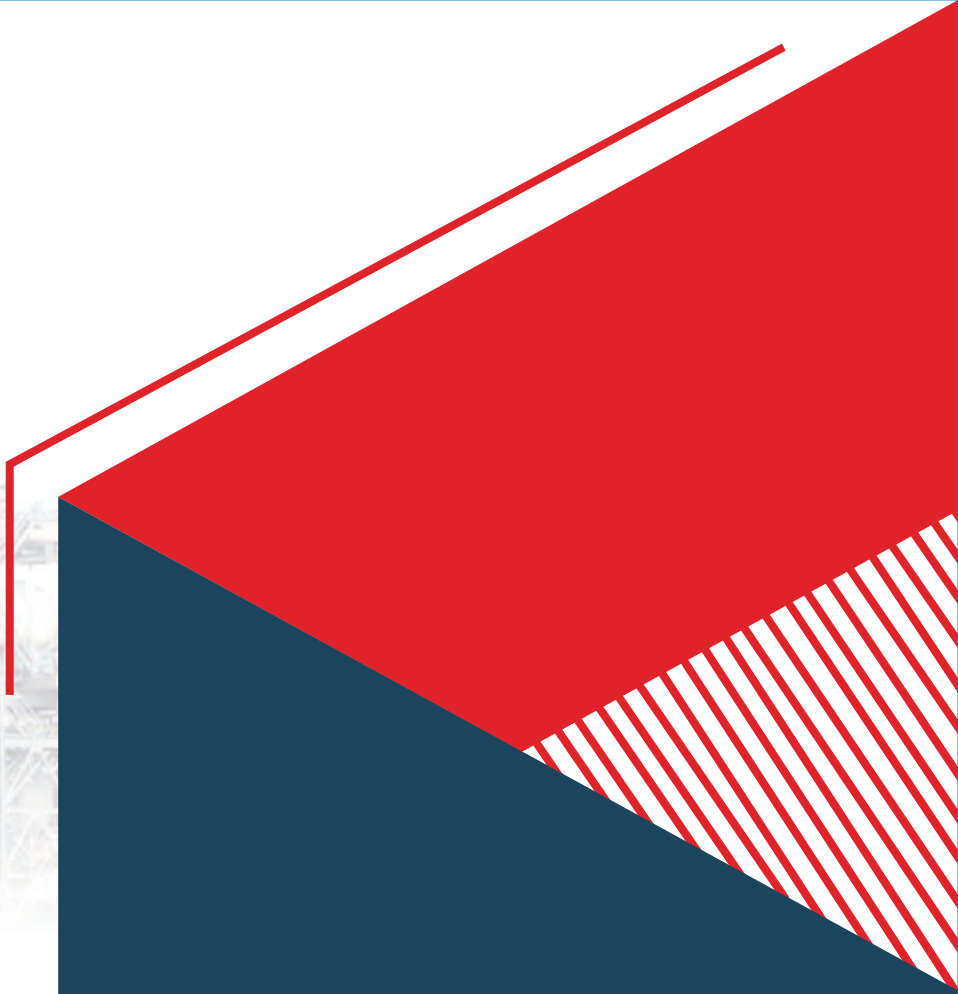
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General Industry

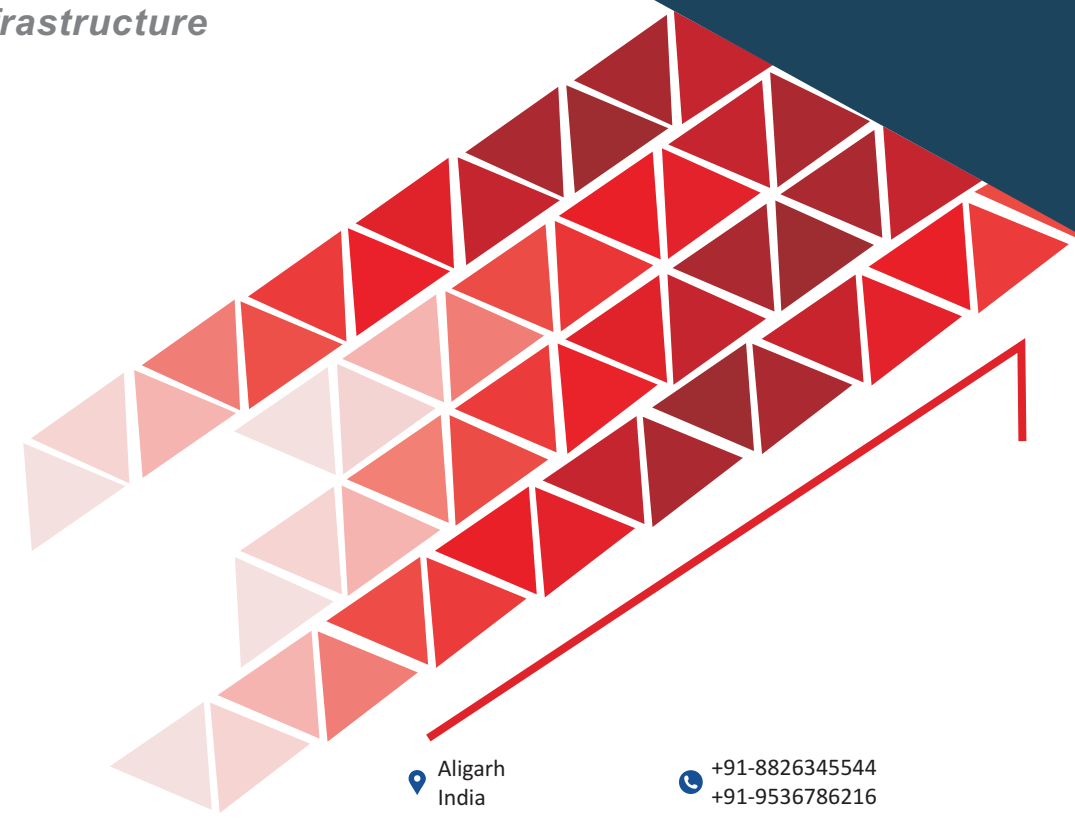
We are prime constructor in various fields of engineering for execution of projects that included but not limited to Water & Waste Water, Desalination, District Cooling, Building Construction, Oil & gas, Chemical and Fertilisers industry construction, Petrochemical Industry constructions, Pharmaceutical Industry, Power Stations and Substations.





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