



# PARTNER OVERVIEW

**DijlahAM has assembled a team that is not simply world class:  
it is world-leadership class.**

Our team has over 200 years of combined industry experience. We possess the expertise in every field needed to design and build one of the most advanced cities in the world. Our team's leadership understands Iraqi tradition and culture, and the terrible suffering endured by its people. Along with our partners, we work tirelessly to create success, and we are able to solve the energy and water infrastructure needs of Iraq.

The project team includes some of the world's largest and most stable corporations, many of which are household names. This depth of experience and ability ensures this project will be completed in a timely manner while staying on budget.



# Petrofac

## DRILLING & REFINING

Petrofac is a leading service provider to the oil and gas production and processing industry. We design, build, operate and maintain oil and gas facilities, which we deliver through a range of innovative commercial models which can be aligned to an individual client, project or asset. This enables us to respond to the distinct needs of each client and help them to enhance the value of their assets across the oil and gas life cycle.

Engineering expertise is at the heart of everything we do. Our teams provide a full suite of engineering services including conceptual and feasibility studies and front-end engineering and design (FEED) through to detailed design for both onshore and offshore facilities. From the moment we decide to bid on a project, the discipline begins. We identify risks from the outset, ensure a clear understanding of project complexity, and maintain our risk management rigor each step of the way.

For us, operational excellence is about constantly questioning what we do, and how we do it, in order to drive continuous improvement and maintain our competitive edge. In particular, our engineers have found new ways to take cost and complexity out of our projects by driving value engineering: using new construction techniques, challenging conventional wisdom, and making better use of automation – while still delivering on client demands for quality and certainty.

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## **GAS CONVERSION / ELECTRICAL POWER GENERATION**

GE's leaders through the years have built a diverse portfolio of leading businesses; a stream of powerful company-wide initiatives that drives growth and reduces cost; financial strength and controllership that allow it to capitalize on opportunities through numerous cycles; and a set of common values that allows it to face any environment with confidence.

GE Lighting is a division of General Electric headquartered in Nela Park, East Cleveland, Ohio, United States, employing 17,000 people. GE Lighting is the professional division of General Electric specializing in lighting solutions all around the world.

At GE Lighting, we're bringing the future to light through a new generation of lighting that is as different from Edison's first light bulbs as smart phones are from the first telephones. We're innovating ultra-efficient, high-quality and affordable LEDs for every socket and every room in the home. Plus, we're unleashing the ultimate living experience through a suite of smart lighting products that enable homeowners to do more, be better and connect simply.

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### **Key People**

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# PW Power Systems

a group company of  **MITSUBISHI HEAVY INDUSTRIES, LTD.**

## DISTRIBUTED POWER

PW Power Systems DELIVERS POWER. Power is our only business. We deliver it reliably and efficiently throughout the world to post-industry-leading countries and developing nations alike. We provide turbines and their packages and parts; but to our customers and us, it's more than that.

Brain power gives us the energy to serve millions of people around the world. We believe in delivering power to those who need it – simply and with the flexibility and knowledge to understand that every project is different. We work hand-in-hand, side-by-side, ensuring that our customers have access to energy. From businesses to homes, traditional power generation to supplementing renewables, it's our job to help our customers get their jobs done.

PWPS has over 2,000 gas turbine units installed and has designed and built 300 turnkey systems. PWPS offers both simple and combined-cycle units which have accumulated over 19 million operating hours.

With a long heritage of high-tech, aero-derivative solutions and the industrial backing of Mitsubishi Heavy Industries, PW Power Systems delivers your power. Our knowledge ignites your power.

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### Key People

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## WATER DESALINIZATION

Since its 1998 founding, SAMCO Technologies has provided custom water, wastewater, process separation, and filtration solutions to a diverse range of industries. Our individualized, project-based approach continues to define our niche in modern industry, motivating us to deliver comprehensive, efficient solutions to meet our customers' unique needs.

SAMCO serves the process water needs of clients across the nation and globe from its headquarters in Buffalo, New York. Leveraging the collective skills of experienced chemical, civil, environmental, electrical, mechanical and process engineers, chemists, and skilled tradesmen, SAMCO blends a culture of teamwork, commitment and passion to help solve your unique industrial water treatment needs.

Over the years, SAMCO has installed and serviced thousands of custom-engineered raw water treatment systems. Whether your water is sourced from rivers, lakes, oceans, or groundwater, we understand how individually complex your treatment needs might be. Let us help you decrease contamination and maximize your feed-water investment with a custom solution engineered just for you.

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### Key People

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# ARUP

## PROJECT MANAGEMENT

Arup made its name in the twentieth century as the designer and engineer behind some of the world's most ambitious structures. That creative strength and independence of mind continues to guide them. Today, Arup employs more than 13,000 people, in more than 35 countries – in a culture underpinned by Sir Ove Arup's aims and values.

Arup applies its research, technical, design and commercial expertise across eight key aspects of city development.

1. City resilience: ensuring cities thrive in the face of environmental and social shocks.
2. Climate-ready cities: turning climate change adaptation into opportunities for enhancing city life.
3. City life: designing places and spaces that produce a great quality of life.
4. City growth: stimulating economic growth by investing in city infrastructure and services.
5. City regeneration: reinvigorating spaces to become places where people want to live, work and play.
6. Host cities: using major sporting and cultural events to improve city life.
7. City operations: funding, managing and delivering programmes to help cities function and grow.
8. Digital cities: improving public engagement and local governance and through digital technology.

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### Key People

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# OVERLAND

## URBAN PLANNING & ARCHITECTURE

Founded in 1987 in San Antonio, Overland brings together diverse talents to provide comprehensive services in architectural design, urban design, and master planning throughout the world. Sensitive to the environmental and aesthetic contexts of our projects, we thoughtfully integrate technology, art, and craft to uncover world-class, innovative sustainable solutions for highly complex projects.

Our projects in Texas and across the United States and China, Latin America and the Middle East are diverse: Fortune 500 headquarters and art museums to visitors centers, homeless shelters to luxury private homes, universities to urban planning. Our design process is collaborative in nature, maximizing the unique knowledge and strengths of stakeholders, consultants, and teammates. These relationships are paramount and endure beyond our work, extending through the years and across the globe.

Our work has received more than 200 international, national, regional, and local design awards and has been published in numerous national and international publications. Overland was recognized by Architect magazine as one of the top 50 design firms in the United States in 2015 and one of the top 50 sustainable design firms in 2016.

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# **FLUOR**<sup>®</sup>

## **INFRASTRUCTURE**

Fluor Corporation (NYSE: FLR) is a global engineering, procurement, fabrication, construction and maintenance company that designs, builds and maintains capital-efficient facilities for its Clients on six continents. For more than a century, Fluor has served our Clients by delivering innovative and integrated solutions across the globe. With headquarters in Irving, Texas, Fluor ranks 149 on the FORTUNE 500<sup>®</sup> list with revenue of \$19 billion in 2016 and has more than 60,000 employees worldwide.

Fluor delivers engineering, procurement, fabrication, construction (EPFC) and maintenance solutions to government and private sector Clients in diverse industries. Clients select Fluor to complete their challenging projects.

Clients depend on Fluor to address their business needs and help them increase capital efficiencies. As an integrated solutions provider, our experts work across diverse Client Markets, to offer cost-effective, innovative solutions to meet Clients' capital project requirements. Fluor understands the complexities of today's competitive markets, and together with our customers, designs optimal solutions to bring their quality capital projects to market safely, on schedule and within budget.

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### **Key People**

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## LAND PROCLAMATION

Understanding Earth's systems requires knowledge of the solid Earth. Without it, research into the atmosphere, oceans or biosphere would be severely limited. Texas A&M researchers seek to understand how the solid Earth functions, what it reveals about Earth's past and how its resources may be used. They study the processes of the Earth's crust to see how the Earth changes. They develop techniques to improve exploration for petroleum resources, date rocks and fossils and better understand ancient environments. This work helps find energy resources and understand the Earth's processes.

Texas A&M has high pressure and temperature testing facilities. Rock deformation machines test ductile deformation of rocks and minerals at very-high pressures as exist in the middle crust to upper mantle. The university also tests sediment and sedimentary rock, including conditions of weaker rocks at upper crustal conditions.

Geoscientists are leaders in providing solutions to pressing societal problems, including securing a reliable and affordable energy future. They optimize the use of our natural resources, allowing communities to prosper in times of adversity, and they educate a geoscience workforce who will become future leaders.

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## DAIRY PRODUCTS

We've come a long way since our visionary Chairman, HH Prince Sultan bin Mohammed bin Saudi Al Kabeer, recognized an opportunity to transform Saudi Arabia's traditional dairy farming industry to meet the needs of our rapidly expanding domestic market. That was back in 1977. Today, we are the world's largest vertically integrated dairy company with a flawless reputation and a clear vision: to provide quality, nutritious food and beverages that enrich our consumers' lives every day.

During the early 1990s, Almarai entered a period of restructuring and reinvestment that took it from a decentralized structure to a centralized structure. The aim: to establish ourselves as a low-cost producer so that our consumers can enjoy high-quality products at an affordable price.

In line with this model, we replaced five decentralized processing plants with our first central processing plant. We also replaced ten small decentralized dairy farms with four large dairy farms in Al Kharj in the central region.

We continue to invest intensively in technologically advanced production facilities while recruiting high-caliber people with the skills and experience to optimize their performance.

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### Key People

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الحبتور  
**ALHABTOOR**

## REAL ESTATE DEVELOPMENT

The Al Habtoor Group is one of the UAE's most respected and successful businesses. It operates in the UAE and international markets. It employs thousands of highly-qualified, experienced professionals. Just as the name of the UAE has become synonymous with trade and enterprise all over the world, the name of the Al Habtoor Group has become synonymous with dynamic growth, evidenced by its commitment to develop and grow businesses in multiple sectors.

The Group's real estate division includes a variety of commercial and residential properties from office space to luxury villas. With over four decades of experience in the real estate sector and a carefully developed and tended portfolio of properties, Al Habtoor Real Estate delivers an honest, total value package, with the emphasis on tenant care and a thorough understanding of client needs. The real estate division includes Al Habtoor City's Residence Collection, currently under development.

The Al Habtoor Group has long been a pioneer in the field of education, it operates two well-established schools offering quality education from KG1 to Grade 13. Emirates International School – Jumeirah and Emirates International School – The Meadows are accredited IB World Schools.

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### Key People

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## HOSPITALS

Mayo Clinic is a nonprofit organization committed to clinical practice, education and research, providing expert, whole-person care to everyone who needs healing. Mayo Clinic inspires hope and contributes to health and well-being by providing the best care to every patient through integrated clinical practice, education and research. Our primary value is “The needs of the patient come first.”

Part of Mayo Clinic’s mission is to keep looking for new and better ways of doing things. Mayo Clinic doctors across all specialties are engaged in research. Our patients are frequently among the first to benefit from innovative ideas and the latest research generated by Mayo doctors and researchers.

Mayo Clinic has the latest in diagnostic and treatment technology — from the highest resolution imaging devices to robotic surgery. This supports our ability to give you the best answers and the best treatment. Experience and reach. Mayo Clinic has been around for decades. We have years of experience treating conditions from the common to the rare. Our reach is broad — we’ve treated people from every U.S. state and from around the world, and those people tell us they are highly satisfied with their experience.

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### Mayo Clinic

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# HALDOR TOPSOE

## GAS CONVERSION

Haldor Topsoe is a world leader in catalysis, committed to helping our customers achieve optimal performance. We enable companies in the chemical and oil & gas industries to get the most out of their processes and products, using the least possible energy and resources. And we are the forefront of developing sustainable technologies. Our solutions address pressing global challenges, such as improving energy efficiency, enhancing food production for the world's growing population, and protecting our environment.

Topsoe solutions help refineries make the best possible use of crude oil and save energy in the process. Half of all the ammonia used to make artificial fertilizer is produced using Topsoe catalysts. Our emission management solutions remove pollution from factories, power plants, and diesel engines, so that residents of megacities around the world can breathe clean air.

Our passion for science makes us world leaders in perfecting services, products and processes that make a positive difference in the world. We help our customers use fossil resources in the most responsible, eco-friendly and efficient manner possible, and we are involved in shaping the solutions and new technologies that customers will base their business on in the future.

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## HOSPITALS

Cleveland Clinic is one of the largest and most respected hospitals in the country. Our mission is to provide better care of the sick, investigation into their problems, and further education of those who serve. Since our founding in 1921, Cleveland Clinic has been a leading medical innovator. Our discoveries have saved millions of patients' lives, and many are standard practice in medicine today. Industry collaborations with medical schools, hospitals and biomedical research institutions are critical to furthering research efforts and accelerating innovative patient care.

Biotechnology companies require physician investigators and patient participants in clinical trials to gain government approval of new products. Even before a product is ready for a clinical trial, development of breakthrough medicines and new medical procedures requires participation and input from practicing physicians and experienced scientific researchers.

Cleveland Clinic believes that medical innovation significantly benefits patient care. At the same time, we recognize that innovation must be managed with extraordinary sensitivity and transparency. We are fully committed to a process that ensures integrity in innovation and places the interests of our patients first.

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### Key People

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## ENERGY PROJECT MANAGER

Plant Process Equipment, Inc. (PPE) is a privately held engineering, construction, and operating company specializing in projects in the chemical, petrochemical, petroleum refining, biofuel, and green energy industries.

With a staff of talented engineers and designers and an in-house fabrication shop, PPE handles all phases of projects from testing and conceptual design - to mechanical and structural engineering - to field construction and startup. These turnkey capabilities result in greater efficiencies and a single source of accountability for our clients.

PPE has completed projects ranging from the traditional construction of petroleum refineries and the rebuild/restart of existing refineries to the cutting edge design and construction of biofuel refineries and conversion of animal waste to methanol. Projects include the design and construction of oil and gas production facilities, chemical and petrochemical manufacturing plants, and power generation projects in the US and worldwide.

As a privately held company, PPE maintains a reputation for integrity, accountability, and creativity. The company relies on business generated by its base of satisfied clients and referrals.

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## ARCHITECTURAL DESIGN

PBK Inc is a multidisciplinary architecture/engineering firm headquartered in Houston, Texas with offices in San Antonio, Dallas, Fort Worth, League City, McAllen, Austin, El Paso, Texas, Tulsa, Oklahoma and Baton Rouge, Louisiana. The firm was established in 1981 and is currently headed by founder and president/CEO, Dan Boggio. The firm has a long history of design practice in the K-12 and higher education markets, but also specializes in sports, healthcare, corporate and civic facilities.

With over 200 employees in 10 offices, PBK is one of the largest architecture and engineering design practices in Texas and the southwest United States. The firm specializes in multiple disciplines including architecture, mechanical engineering, electrical engineering, plumbing engineering, civil engineering, structural engineering, technology consulting, interior design and construction administration services.

The firm was the innovator behind the programming and design of the multi-campus “education village” in the Clear Creek Independent School District in League City, Texas. The village combines an elementary school, intermediate school and high school — all on one site with shared buildings and a centralized courtyard. The complex is strategically configured to allow shared access between facilities while maintaining safe and secure division between different grade levels.

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### Key People

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## ARTIFICIAL INTELLIGENCE

This will be an era of man to the power of machine: not man versus machine, but man and machine. In addition to technological change, this new age requires us to change how we do our work.

At IBM, we invent things that matter to the world. Today, we are pioneering the most promising and disruptive technologies that will transform industries and society, including the future of AI, blockchain and quantum computing. We are driven to discover. With more than 3,000 researchers in 12 labs located across six continents, IBM Research is one of the world's largest and most influential corporate research labs.

Humans are on the cusp of augmenting their lives in extraordinary ways with AI. At IBM Research Labs around the globe, we envision and develop next-generation systems that work side-by-side with humans, accelerating our ability to create, learn, make decisions and think. We also architect the future of Watson, which has evolved from an IBM Research project to the world's first and most-advanced AI platform. Whether exploring new technical capabilities, collaborating on ethical practices or applying Watson technology to cancer research, financial decision-making, oil exploration or educational toys, IBM Research is shaping the future of AI.

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### Key People

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H S E | F I L M S

## MARKETING & CREATIVE DEVELOPMENT

HSE Films is a production and marketing company based in Houston, Texas, specializing in health, safety, and environmental productions for the oil and gas industry. Our clients include Halliburton, BJ Services, Baker Hughes, and others. We promote the steps our clients take to safely and efficiently produce the energy that keeps our world moving.

Founded in 2008, our company has experience producing films in over 90 countries on six continents. Our team has a diverse background in communications, filmmaking, photography, graphic design, web design, and more. We are storytellers, which fuels my passion for media and communication. We find what makes people tick and use that to help them flourish.

HSE Films is dedicated to increasing its clients exposure and influence in their industry. Put simply: we elevate brands. We amplify the message. We bring the vision the life. We work tirelessly to ensure we not only meet, but surpass our clients' expectations, every time.

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### Key People

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