





We are the leading engineering and project management firm based in PNG and the South Pacific region.

Kramer Ausenco is the largest engineering and project management company in the South Pacific Region. For more than 35 years, we have been delivering world-class solutions for our clients.

We offer services throughout the entire project lifecycle, from initial concept and design right through to construction and commission across a range of industries particularly hospitality, aviation, maritime, education and health.

We are strategically located across the South Pacific region, with offices in Papua New Guinea, Australia, Samoa, Tonga, Solomon Islands, Fiji and Vanuatu. Our commitment to the ongoing development of the South Pacific region is seen through our presence and our people in the local communities.

Our values guide us in everything we do and form the foundation of our company culture. We have six core values:

- Safety in all we do
- The client is our focus
- Our people are our strength
- Respect the community, the environment
- We seek ingenious solutions
- We are open, honest and collaborative.

Our services

Kramer Ausenco provides a diverse range of services to our clients, including:

- infrastructure – civil and structural engineering, building services engineering
- construction management
- project management
- procurement and planning
- architectural design
- surveying
- environment and sustainability
- energy
- minerals processing
- pipeline systems
- transportation systems
- ports and terminals.

We offer a diverse range of infrastructure services, successfully delivering civil engineering solutions including roads, buildings, highways, bridges and structural and hydraulic solutions for our clients. Our suite of services ensures we can deliver our clients' projects from initial concept right through to commission.

Civil engineering

Our civil engineering expertise includes:

- pre-feasibility/feasibility studies
- design and documentation
- tendering
- tendering assistance
- tender negotiations
- construction management/supervision (including post construction).

Other services include:

- field investigations
- preparation of civil infrastructure reporting and programs
- scope of work to our clients' requirements covering highways, roads, subdivision, airports, wharves, institutional developments etc.

Bridges

Bridge design, engineering and construction are areas we have extensive experience in.

For example on the Trans Island Highway Bridges Project we undertook the detailed design and documentation of nine bridges.

We have the capabilities and expertise to build short and long span bridges, as well as conduct complex investigations and surveys. In West Sepik, we built an 86m bridge across the Pual River, a complex structure that required our expertise in not only project management

and engineering design, but also hydraulic studies, geotechnical investigations, topographic surveys, seismic design, cost studies, the preparation of tender documents and contract administration of construction.

Roads

We have conducted studies on an impressive 371kms of roads and highways around the Southern Highlands province of Papua New Guinea.

Our expertise in engineering design has enabled us to reconstruct roads and highways in the region, including the Wards Road reconstruction and the SHP Provincial Roads upgrading feasibility study.

We have also prepared the scope for upgrading the roads and bridges to PNG Department of Works (DoW) Roads and Bridges Standards, as well as completed budget cost estimates.

Building services

Kramer Ausenco have a proven track record for delivering complex building projects including school buildings, multi-storey shopping complexes, airport terminals, residential and commercial properties, hospitals and large scale hotels for the hospitality industry.

We offer a range of building services including electrical, mechanical and fire protection engineering with experience in commercial high rises, medical facilities and resort developments.

Our services in hydraulic engineering include:

- sanitary plumbing and drainage
- sprinkler protection
- hydrant and hose reels
- hot and cold water services
- site irrigation
- storm water design.

Structural engineering

We have the ability and expertise to do both conventional and more specialised forms of structural engineering; our people are skilled in the seismic design requirements and relevant codes of practice.

The experience by our structural engineering team ensures we are the strongest structural engineering team in the region.

Our services in structural engineering include:

- pre-feasibility/feasibility studies
- design and documentation
- tenders
- tender assistance and negotiation
- construction management/supervision (including post construction)
- civil engineering infrastructures (bridges, wharves, harbours, major structural towers, water and fuel tanks)
- structural adequacy investigations
- reports to clients (private (individual), government and private sectors).

Water resource engineering

Within Kramer Ausenco and our strategic alliances, our specialist water engineers are acknowledged for their expertise in water resource engineering including:

- survey
- investigations
- flood mitigation studies
- hydraulic studies for infrastructure location and design parameters
- feasibility studies
- design
- documentation
- construction management/supervision (including post construction).

For more than 35 years, we have been delivering world-class solutions for our clients.



Construction management

Kramer Ausenco offers a range of construction management services that include the management of multi-discipline projects from tendering to post construction phases and the preparation of construction completion reporting. An important part of the services we offer involve the assessment of the contractor's progress claims and their certification to our client for payments.

Operations and maintenance

We provide professional operations and maintenance services through our people located across the South Pacific. We have successfully demonstrated our knowledge and expertise in operations and maintenance on a number of significant projects.

Our services in operations and maintenance include:

- project planning
- contract interpretation
- team liaison
- design control
- scheduling
- tender preparation and evaluation
- financial reporting
- construction co-ordination
- construction supervision

- materials ordering and expediting
- cash flow control
- progress reporting.

Procurement and planning

The procurement and planning services provided by Kramer Ausenco include major buildings and civil construction works involving materials and resources procurement and availability. Our services also include procurement for fit out for buildings works including refurbishment works.

Architectural design services

We offer architectural design services across the full project lifecycle including:

- pre-feasibility and feasibility studies
- design
- documentation
- construction management/supervision (including post construction)
- associated sub divisional infrastructures development works.

Surveying

Kramer Ausenco utilise licensed surveyors through each of our offices across the South Pacific. We have access to the personnel and equipment to undertake all survey work associated with our clients' projects.

We use a variety of equipment to undertake our surveying, ranging from T100 Theodolite to D11000 (Total Stations), DE2000 (E.D.M.) and D111600 (Total Stations); 3 Personnel Computers with Civilcad and AUTOCAD packages for planning and designing and associated CAD work stations.

Energy

Kramer Ausenco offer customised energy solutions for conventional and alternative systems, and energy-transport solutions via pipeline or wire. We also have the capabilities and expertise to offer our clients renewable energy solutions allowing new and improved ways of delivering power in a cost efficient and sustainable way.

Our partnerships with other specialists allow us to deliver energy solutions across the South Pacific region. We can supply the resources and the answers to convert coal and gas to liquid fuels and to transform unconventional gas into power or LNG.

Conventional energy

Our services extend across every facet of traditional power generation projects, from performing the role of owner's engineer to full EPCM execution.

Our expertise in coal and gas-fired power generation is significant, having successfully completed numerous power generation projects.

Alternative energy

Our LNG initiative brings together our offshore, marine, process and terminal engineering expertise with our carrier logistics planning to plan and engineer efficient LNG import and export operations.

Through partnerships in unconventional gas we can deliver exploration and production, water management, water treatment solutions and field development related engineering services.

Our combined expertise and technical know-how means we can provide new levels of service for:

- underground structure analysis, drilling programs, and water management
- technical engineering and project management for tight gas production
- underground coal gasification projects.

Minerals processing

We are recognised internationally as a specialist in the study, engineering, procurement, construction management, program management, commissioning and operation of minerals processing projects.

Our experience ranges from small conceptual studies to construction of large-scale processing plant facilities.

We use proven methods to deliver projects on time and on budget, and to achieve excellence in safety and environmental performance.

Pipeline systems

Kramer Ausenco offer clients engineering of pipelines for the transport of a diverse array of products through challenging terrain, extreme climates, and remote locations.

We provide expertise with associated SCADA systems and telecommunications, especially for remote locations developing stand-alone, self-sustaining systems which require a minimum of local human interface and maintenance.

We have the capabilities to design and engineer long-distance pipelines to transport virtually every type of mineral from concentrates

such as copper, zinc, lead and iron, to crushed ore, bauxite, nickel laterite, phosphate, potash, limestone and coal.

Transportation systems

Our capabilities in transportation systems are vast, with the ability to deliver sophisticated engineering and infrastructure solutions for our clients in the South Pacific region.

In addition to heavy haul rail and road transportation systems, we also possess knowledge and expertise in bulk materials handling and the simulation of transportation systems to ensure our clients can have confidence in their future investment.

Ports and terminals

We have completed marine structures all across the South Pacific region and possess strong experience in the design and development of complex marine structures. We have completed services for the reconstruction and refurbishment of the Tologa

Bay Wharf as well as constructing the Zinoa Island Wharf being responsible for the design, study, investigation, tender, documentation and construction supervision.





Environment and sustainability

Kramer Ausenco is qualified to assess proposed development plans and rehabilitation of existing infrastructure against a range of environmental and social criteria. We are also capable of preparing environmental impact assessments for infrastructure developments.

Environmental impact statements incorporate project management, marshalling of

multidisciplinary skills and understanding of social, economic and environmental issues. Our skills expand beyond the normal environmental science questions leading into a complex and unique web of cultural and traditional understanding. Kramer Ausenco has had significant experience in dealing with such issues including the establishment of genealogy hierarchy and land and crop compensation settlements.

At Kramer Ausenco, we have a company-wide commitment to health, safety, the environment and the community. This is implemented through our management and shared by all our people, whatever their role.

Health and safety

Our people are central to what we do, so we work hard to keep them safe. We believe zero harm is achievable.

Our people are our strength and we believe in creating a workplace where people feel safe and supported.

We continue to work towards our goal of zero harm. To achieve this we have implemented a range of health and safety initiatives across the company.

Environment

Kramer Ausenco embraces and actively supports regional and local regulatory and sectoral sustainable development initiatives.

For Kramer Ausenco, these principles are applied by our approach to environmental challenges, promoting stewardship in environmental responsibility and encouraging the development and diffusion of environmentally friendly technologies. We understand the policy agendas that drive sustainable development and the solutions available to address local and regional issues.

Community

Kramer Ausenco is dedicated to developing the South West Pacific region, not only through our work in the region but also through community aid initiatives. We focus on a range of initiatives aimed at assisting those in need.



Our locations

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