

Kramer Ausenco

Health



South Pacific Engineering Design Leaders

Who we are

Kramer Ausenco is the largest independent professional project management, engineering, survey, quantity surveying, construction management and planning services organisation resident within Papua New Guinea and the Southern Pacific Region. Originally founded in 1978, Kramer Ausenco is the leading engineering and project management firm in the South-West Pacific. Our 35 year history in the South Pacific is a testament to the sustainability of Kramer Ausenco and our experience ensures that we can provide you with solutions of excellence and a high level of Professional Service

What we do

- Professional Project Management
- Procurement & Planning
- Civil Engineering
- Structural Engineering
- Maritime Engineering
- Building Services Engineering
- Hydraulic Engineering
- Environmental & Social

- Quantity Surveying/ Cost Planning
- Architectural Design Services
- Surveying
- Construction Management
- Studies
- CAD Services.

Kramer Ausenco service capability covers the complete project lifecycle, from concept development through to detailed design, financing, planning approvals and construction of small and large scale projects.

From small studies to large scale EPCM (Engineering, Procurement and Construction Management) and EPC (Engineering, Procurement and Construction) contracts and operations solutions for a range of commodities, we deliver.

Our vision

Kramer Ausenco is devoted to the development of excellence in professional engineering and allied sciences, and we are also truly committed to the development of the South

Pacific Region.

Our successful record attests to our achievements of our corporate goals and the high level of professional service provided to our clients.

Our people

Our achievements are driven by our experienced leaders and highly talented people in our company. The way that we care for, develop and encourage our people is an important part of each of our cultures. Our approach to delivering projects is complementary and this means that we are able to put together the best people to form a tailored project team to deliver any project.

Our values

Our core values below guide the way that we work every day. These core values also represent our commitment to our clients and ensure that we focus on providing the best fit sustainable solution which meets the needs of all stakeholders.

Safety in
all we do

Our people
are our
strength

Innovative
solutions
that work

The client is
our focus

We are open,
honest,
collaborative

Respect the
community, the
environment

The South Pacific context

There is a general recognition by Pacific Nations, Aid Donors and the UN that there is a need to strengthen the health systems of the Pacific and the need to assist countries in doing so.

Improved health outcomes are shown to provide a positive benefit for nations in terms of improved life expectancy, quality of life and financial growth.

Major challenges face countries in the provision of services on an equitable basis to population that is scattered over many islands.

Countries are striving to provide contemporary health capable of meeting the needs of a growing population, an increase in the demand for tertiary services, improved technology while accommodating the cultural aspects of their communities.

Kramer Ausenco is the only truly Pacific based consultancy to have the experience, cultural understanding and expertise to help develop and deliver outstanding health infrastructure to the South Pacific.

Our Health Capabilities and Technical Services

Kramer Ausenco has a vast amount of experience in the Health Sector. We have capabilities and experience across all stages of project delivery from concept to operations and in and with our strategic alliances all major disciplines associated with Health sector projects. We have worked on projects throughout Papua New Guinea, Solomon Islands, Tonga, Vanuatu, Fiji, Samoa and Australia.



Client Goals	Establish project viability, scope and parameters. Stages can include; <ul style="list-style-type: none"> • Concept study, • Pre-Feasibility study, • Feasibility study 	Develop project to increase project certainty and potential profitability; <ul style="list-style-type: none"> • Feed study, • Early procurement 	Detailed design and construct project	Operate, maintain, and improve asset	Decommission and demolish asset
	Select Concept	Sanction	Start-up	Decommission.	

Project Management, Design and documentation

Kramer Ausenco's completed projects are testimony to the importance of the health work entrusted to the company and form the basis of the project management, design and documentation skills developed among our staff. Kramer Group can provide Health Development expertise in the following disciplines;

Project & Construction Management

Kramer Ausenco takes pride in its project management capabilities as they relate to planning, design, construction and commissioning of projects on behalf of clients. The services offered are tailored to suit each specific project and the particular client's requirements.

The project management team, under the direction of the Project Director or Project Manager, take responsibility for all aspects of the project phases from planning/permitting phase to fixing the budgets to design/documentation to tender and superintending the contracts.

Project Management services have been successfully demonstrated on a number of significant health projects. The service includes the following:

- Project Planning
- Risk Management
- Design Control
- Construction Supervision
- Contract Interpretation
- Tender Preparation and Evaluation
- Materials Ordering and Expediting
- Team Alliancing and Liaison
- Financial Reporting
- Cash Flow Control
- Scheduling
- Construction Co-ordination
- Progress Reporting



Pacific International Private Hospital, PNG

Kramer Ausenco operate under a Project Management framework developed and used over the years to suit local conditions in the region to ensure successful completion of projects on time and within budget.

Structural Engineering

Covering both conventional and more specialised forms of construction, we are very conversant with the seismic design requirements and all relevant PNG, Australian and other relevant codes of practice.

Civil Engineering

Within the Kramer Ausenco our experienced and dedicated technical staff can provide services across all aspects of civil engineering. Our services include bulk earthworks, stormwater, water, sewerage, roads, bridges and culverts, civil structures and documentation.

Mechanical, electrical and hydraulic services

Our team is experienced in a wide range of Building Services sectors including HVAC, Smoke hazard management, lighting and power reticulation, fire detection and suppression systems, security systems and data and communications systems, electrical and gas hot water generation, fire fighting infrastructure and sanitary drainage. We also have experience in the specialist systems specific to the health and hospital sector.

Survey and geotechnical work

All necessary briefing and interpretive skills are available in-house where professional engineers subcontract the detailed requirements to specialist firms whose capabilities are well known and highly regarded.



Central Public Health Laboratory, PNG

Examples of Kramer Ausenco's Health experience are shown below:

PACIFIC INTERNATIONAL PRIVATE HOSPITAL

Port Moresby, PNG



- Kramer Ausenco was responsible for the construction of Modern Acute Care Specialist-Level Private Hospital Complex of international standard for Papua New Guinea.
- The hospital consists of up to 150 beds including general acute care with a range of clinical services, specialists' medical clinical services including 11 consulting rooms a wound treatment centre, treatment rooms, screening rooms, and auxiliary services.
- Responsibilities: Project management, architecture, structural, civil and hydraulic engineering design and documentation. Kramer Ausenco also provided contract supervision and inspection services during construction.

PORT MORESBY GENERAL HOSPITAL

Port Moresby, PNG



- Kramer Ausenco was responsible for the development of a multi-facility extension to the Port Moresby General Hospital.
- A further 600 beds and specialist facilities including paediatric ward, surgical ward, medical ward, TB ward and psychiatric ward.
- Responsibilities: Kramer Ausenco provided a design check and contract documentation for architecture, building services and structural engineering. Topographic surveys and design of relocation of existing civil services to the site were completed. Certification of the construction works at completion.

RURAL HEALTH FACILITIES

Lalomanu – Samoa



- The Generic design adopted for all three (3) sites included Consultation and Treatment rooms, Dispensary & Store, Medical Records, Multi-purpose Clinic, General Ward (4 bed) and Birthing Unit (2 Bed) plus auxiliary services and amenities.
 - Kramer Ausenco was responsible for preparing all documentation for implementation of the physical works, including definition of and preliminary costing of building works, development of detailed designs and specifications, the planning and management of tender and preparation of construction contracts.
 - Kramer Ausenco was further commissioned to provide contract administration and inspection services during the construction phase.
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WABAG PROVINCIAL HOSPITAL

Wabag, Enga – PNG



- The new Enga Provincial Hospital located at Wabag is a district hospital that consists of 10 discreet buildings of which 9 are single storey and 1 is 50% single and 50% double storey.
- The hospital is being developed in 2 stages. Stage one is all facilities plus 150 beds. The future stage 2 will add another 150beds.
- Responsibilities: Kramer Ausenco is providing comprehensive engineering design and documentation services for the whole suite of engineering disciplines.

CENTRAL PUBLIC HEALTH LABORATORY

Port Moresby – PNG



- Kramer Ausenco was responsible for the design and construction of a new Pathology laboratory for the PNG Central Public Health Laboratory.
- Assessment, procurement and supply of Biomedical equipment and furniture.
- A BAMS system for Asset Management and Maintenance was also included.
- Institutional Strengthening Specialists were supplied for training purposes.
- The project included a housing component for staff including civil infrastructure works

VAOILA HOSPITAL PHASE B1

Tofoa- Kingdom of Tonga

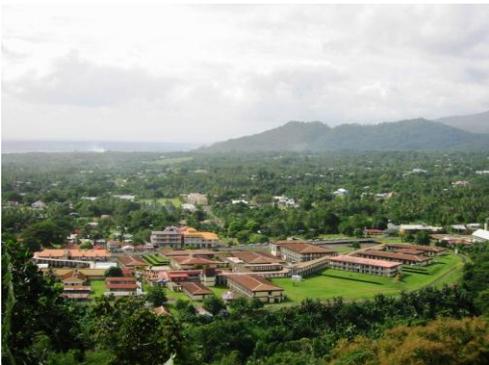


- The Voila Hospital buildings are through a combination of World Bank and JICA funding being rebuilt. Phase B1 funded by JICA and designed by Kume Sike is the new 2-storied Surgical and Obstetrics Ward.
- Responsibilities include Structural and Civil Engineers.

TUPUA TAMASESE MEAOLE HOSPITAL

Samoa Health Sector Project – World Bank

Apia, Samoa



- Kramer Group undertook the final assessment of the existing facilities prior to the preparation of the “Design and Build” Turnkey Bidding Document.
 - This project involved the upgrade of the Maternity Wards, Delivery Rooms, Accident & Emergency, Outpatients, Operating Theatres and Specialist Clinics including Civil Works and the upgrade of Medical Equipment.
 - Kramer Group also provided a Construction Management Role throughout the construction period.
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Construction Management for A & E, National Refurbishment Central Hospital, Solomon Islands Honiara, Solomon Islands

- Project Management works to assist with the refurbishment work to upgrade the existing accident and emergency unit at the National Referral Hospital
- Kramer Ausenco Undertook periodic inspections throughout the construction to ascertain compliance with the design/specification intent and ensure the works are consistent with internationally accepted engineering standards and practices.



Mt Hagen Hospital Inspection Mt Hagen, Western Highlands, PNG

- The Mt Hagen General Hospital Board commissioned Kramer Ausenco on 22nd February 2010 to carry out a Quality Assurance Audit on the Construction of New Facilities to verify and ascertain grievances relating to the quality of construction. A Stop Work Notice had been imposed on any further construction until independent assurance was externally sought.
- Kramer Ausenco was commissioned to undertake a Site Inspection and report on the quality of work executed by the Contractor to date, identify substandard works if any and make recommendations for remedial works.



Mamu Ravenshoe Clinic Ravenshoe, North Queensland, Australia

- This project was one of a number of OATSIH Aboriginal health projects Kramer Ausenco was involved with.
- Kramer Ausenco provided architectural, civil and structural engineering services for this primary health care and counselling service for indigenous people in Ravenshoe and surrounding areas on the tablelands.



Kokoda Clinic Naoro Village, Kokoda, PNG

- This project was jointly funded by numerous business entities and charity organisations. Major EPCM Contractor, Curtain Brothers (PNG) Ltd supplied the entire buildings materials.
 - Others contributed chopper hires, workmen wages, food, first aid, and related costs to construct this Clinic at the remote village 20 minutes Chopper ride North-East of Port Moresby.
 - Kramer Ausenco was engaged as the Project Manager to see the project completed as per the drawings and specifications.
 - We completed this clinic project on time and to the satisfaction and appreciation of the stakeholders and the Local Community.
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