



CAPABILITY STATEMENT | GENERAL

South pacific engineering design leaders



Who we are

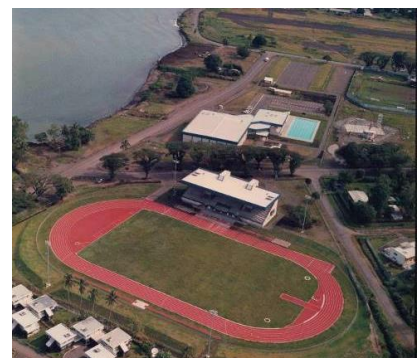
Kramer Ausenco previously known as Cameron McNamara Kramer Pty Ltd, Kinhill Kramer Pty Ltd and Kramer Group, is the largest independent professional project management, architecture, engineering, survey, quantity surveying, construction management and planning services organisation resident within the Southern Pacific Region. Originally founded in 1978, Kramer Ausenco still remains as the leading engineering

and project management firm in the South-West Pacific. We have offices in the following countries

What we do

- Professional Project Management
- Procurement & Planning
- Civil Engineering
- Structural Engineering
- Building Services Engineering
- Hydraulic Engineering
- Quantity Surveying/ Cost Planning

- Architectural Design Services
- Surveying
- Construction Management
- Studies
- CAD Services



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.



Our values

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
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Our system

Experience has shown us that successful projects employ integrated systems which assist the project team to monitor and control every aspect of the work. Kramer Ausenco make use of proven project delivery systems which facilitate our work and provides accurate and reliable reporting to highlight potential issues, before they affect the project's performance. The system dictates that data is entered once, validated and then used across the project. This ensures that the entire project team is working with the latest data, allowing us to make decisions quickly and accurately.

Our 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. We have the ability to develop specific solutions to cater for any aspect of the development to ensure the needs of all of their stakeholders are met. Our services are broad and cover many different disciplines.

Kramer Ausenco is registered with funding agencies such as the World Bank, the Asian Development Bank, and the United Nations Development

Program, and the European Union, and as such has been engaged on projects funded through these agencies. Other funding agencies the firm has completed assignments for, include the Japan Bank of International Co-operation (formerly Overseas Economic Co-operation Fund of Japan), the Export Import Bank of Japan, the Japan International Co-operation Agency, and the Export Finance and Insurance Corporation of Australia.

Our experience in the South-West Pacific region ensures that we remain the leading engineering and project management firm for the region.

Our services

Aviation	Bridges	Building Services	Commercial, Residential & Industrial	Education	General	Utilities & Infrastructure	Health
Hospitality & Leisure	Law & Justice	Maritime	Public Sector & Urban Development	Resources	Highways & Roads	Water & Sanitation	

Program management specialists

Kramer Ausenco has program management experience for large scale projects throughout the world including many developing countries. Our program management expertise ranges from buildings, civil infrastructure, resources,

energy and process infrastructure. 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.



Scope of Services

Scope of service

Kramer Ausenco operates successfully in the following Market sectors:

- Retail/ Commercial
- Financial institutions and banking sector
- Hotels / Resorts
- Residential
- Health Care facilities.

Kramer Ausenco's services to these sectors typically include:

- Feasibility studies and concept planning
- Town Planning and Development approvals

- Environmental impact assessments
- Master Planning (site and infrastructure)
- Design and documentation of Architectural and Engineering aspects
- Quantity Surveying/Cost Planning
- Calling of Tenders
- Superintendency of contracts and contract administration
- Appeals and reports
- Local area traffic management
- State-of-the-art systems and technology applications
- Project management
- Commissioning

Kramer Ausenco's range of in-house expertise is comprehensive, while the breadth of its work enables access to a wealth of experience available through its network of strategic alliances.



Lae Forest Research Institute- PNG

Planning and conceptual design

Kramer Ausenco's services include all aspects of project planning (including the securing of all levels of authority approvals, town planning and zoning requirements), conceptual design, environmental assessment, cost estimating, and financial and economic evaluation. The organisation is capable of undertaking a wide variety of Commercial and Residential projects.

Kramer Ausenco's planning and conceptual design projects have included:

- Site Master planning, including assessment of existing infrastructure

- Conceptual building design for feasibility assessment
- Budget formulation and control
- Project Risk Assessment and Management

Environmental and social issues

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

Environmental impact statements involve project management, marshalling of multi-disciplinary skills and understanding of social, economic and environmental issues. Attesting to our skills in this aspect are the issues in PNG that expand beyond the normal environmental science questions leading into a complex and unique web of cultural and traditional understanding. Kramer Ausenco has had over 35 years' experience in dealing with such issues including the establishment of genealogy hierarchy and land and crop compensation settlements.



Design and documentation

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

Project & Construction Management

This service has been provided since the early 1980's and has been successfully demonstrated on a number of significant projects. The service includes the following:

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

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.

Architecture

Site master planning, concept planning, functional relationships, detailed design and construction detailing.

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.

Water engineering

Within the Kramer Ausenco and our strategic alliances, our specialist water engineers are acknowledged for their expertise. Our services include survey, investigations, flood mitigation studies, hydraulic studies for infrastructure location and design parameters, feasibility studies, and design 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.

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.

Risk management

Within Kramer Ausenco, basic principles drive specific management actions to ensure that the right skill, experience and checking procedures are brought into play at key times in the planning, design and construction processes. The principles are:

Personnel selection

Kramer Ausenco's regional size and presence supported by the Ausenco Group provides an appropriate choice of personnel with the relevant skills for the project.

Management structure

This provides cross-fertilization of ideas, variety and depth of relevant local experience. Kramer Ausenco also has an in-house, computer based management information system which is a powerful and useful tool in the control of projects and resources. This is combined with a state of the art intranet IT System which provides the latest in communications, data transmission and systems control.

Project definition

Fundamental objectives and criteria for success are established with the client from the outset of any project.

Value for money

Kramer Ausenco's practical architecture and engineering approach challenges many preconceived notions and has saved significant costs on projects.

Quality assurance

Kramer Ausenco conducts its affairs in accordance with a set of operating procedures referred to as the Kramer Ausenco Business System. This system has been third party certified to conform to the requirements of AS/NZS ISO 9001.



Western Province- PNG

Professional project 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.

Subject to project requirements Kramer Ausenco will advise at the outset on the most appropriate management procedures for a particular project.

Kramer Ausenco can provide project management services acting as the client's principal agent. In this capacity, Kramer Ausenco provides and directs all technical services, supervises the conduct of the project in terms of the client's requirements relating to quality, time, cost, cash flow and resource utilization, and presents regular systematic reports on progress.

Alternatively, Kramer Ausenco can provide project management co-ordination services, including assembly of the project team and co-ordination of its activities. Under this arrangement, the client's project manager retains authority for directing the project, but is relieved of the time commitment involved in a full project management role.

In recent years, Kramer Ausenco has provided project management services to industry and governments for projects with cumulative capital value in excess of US\$100 million.



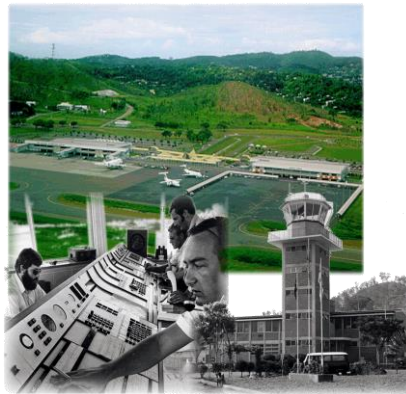
Our Projects

Kramer Ausenco has over 30 years of experience in the South West Pacific region. We have become the leading engineers in the region and have built a reputation on quality work.

The Pacific hosts many different engineering design and project management considerations and with our locally experienced and expert staff, we can provide innovative engineering design and on time delivery of small and large scale projects, to meet the client's needs.

The following projects are a testament to our expertise and local knowledge within the South West Pacific Region

Aviation



JACKSONS AIRPORT

Port Moresby – PNG

- Upgrading of the Port Moresby International Airport infrastructure by construction high-speed taxiway and aprons, international and domestic terminals, workshops, air traffic control tower complete with radar and general site works.
- Design documentation and supervision of construction of site works and buildings. Building design included electrical and mechanical components, structural and site works. Preparation of contract documents and construction estimates. Commissioning of equipment also included.
- Responsibilities: Project management and engineering design

PNG CIVIL AVIATION AUTHORITY ASSET VALUATION

Port Moresby – PNG

- The PNG Civil Authority (CAA) required the valuation updating of its total Asset Registers on twenty-two (22) National Airports in the nineteen provinces and the National Capital District of PNG. Navigational and External Services and Office Equipment and Vehicles.
- Services provided included complete desktop valuation of the Assets and submission of Asset Valuation Certification and Report.

HENDERSON INTERNATIONAL AIRPORT UPGRADE

Honiara – Solomon Islands

- Kramer Ausenco's role was detailed topographic survey, geotechnical investigation & asphalt testing for basic design phase.
- Responsibilities: Civil engineers and surveyors

Bridges



OTML ALLIANCE BRIDGES REVIEW

Western Province – PNG

- Kramer Ausenco was commissioned by OTML to carry out structural inspections of seven (7) bridges along the Mine Access Road from Kiunga to Tabubil and up to Mount Fubilan where the mine site is located.
- Kramer Ausenco prepared a bridge integrity report following visual inspections and structural analysis.
- Bridge capacity checks were carried out based on client supplied loadings then recommendations were provided for remedial works accordingly.
- Responsibilities: Structural engineering inspection, analysis and recommendation.

HIGHLANDS HIGHWAY BRIDGES INSPECTION

Lae-Mendi – PNG

- Kramer Ausenco was commissioned by EOS Joint Venture to participate / assist / support the PNG LNG Bridge & Road Inspection Project Team that were performing structural inspections and assessment of road geometry of the Highlands Highway of PNG from Lae to Mendi.
- Responsibilities: Civil Engineers

NBPO BRIDGES INSPECTION

West New Britain- PNG

- NBOPL commissioned Kramer Ausenco to inspect and report for upgrade the 2 major existing bridges on the New Britain Highway.
- The two (2) bridge sites were visited, site reports completed, final analysis and documentations completed with the final documents sent to Client on time as expected.
- Responsibilities: Structural Engineering Analysis & Proposal

Commercial, Residential and Industrial



GRAND PAPUA DEVELOPMENT

Port Moresby - PNG

- Grand Papua (Mary Street development) building is a 21 storey commercial and residential building in Port Moresby's city centre with 4 levels of car park
- The structure is a reinforced concrete frame with a reinforced concrete shear core. This building is set to be one of PNG's tallest buildings.
- Responsibilities: Structural and Civil engineering design.



HARBOUR CITY DEVELOPMENT

Port Moresby - PNG

- This is a proposed 11 floor level Residential and Commercial Development at Harbour City Konedobu NCD.
- The building has a total floor area of approximately 6540 square metres and associated car parks.
- Responsibilities: Mechanical, Structural, Electrical and Civil Engineering Design.



ERA DORINA STAGE 4

Port Moresby - PNG

- This is a multi-storey apartment building
- Responsibilities: Structural and Civil Engineering Design.



GARAMUT HARBOUR

Port Moresby -PNG

- Garamut Harbour Development is a large retail and supermarket complex and a multi-storey office/residential building
- Development is in close proximity to the developing Harbour City precinct and the Sir Hubert Murray Stadium
- Responsibilities: Structural and Civil Engineering Design



VULUPINDI HAUS

Port Moresby - PNG

- Vulupindi Haus contains five levels of rental office space, two levels of underground parking. The building has two lifts and is fully air-conditioned. Structure is reinforced concrete frame with curtain wall façade, and load bearing block work shear walls.
- Responsibilities: Full Engineering Design and Project Management



HOLIDAY INN EXPRESS

Port Moresby -PNG

- 11 storey building with 3 car parks
- 8 levels of Brand Standard Holiday Inn hotel accommodation – 200 rooms
- Responsibilities: Structural and Civil Engineering Design

HOLIDAY INN SUITES

Port Moresby -PNG

- 11 storey building with 2 basement car parks
- 9 levels of hotel accommodation levels (86 suites)
- Responsibilities: Structural and Civil Engineering Design.

WINDWARD APARTMENTS STAGE 2

Port Moresby -PNG

- 18 storey building residential building on the foreshore of Ela Beach
- Responsible for the structural and civil and design

Education



UNIVERSITY OF GOROKA Goroka -PNG

- Kramer Ausenco's role was design, documentation and project management during the construction phase.
- The university consisted of a lecture theatre/auditorium, tutorial, conference and number of Board rooms including ablutions.
- Responsibilities: Architectural, Civil, Electrical, Mechanical and Hydraulic design



ESPII: SAMOA COLLEGE Apia, Upolu - Samoa

- AS part of the ADB, AusAID and NZAid funded Education Support Project II, The upgrading and addition project for Samoa College was undertaken. & buildings were refurbished, and three new classroom blocks were constructed.
- Responsibilities: Project Architect, Project Civil Structural Engineer, Building Services Engineer, Contract Administration



APTC TECHNICAL COLLEGE BUILDING Vaivase Upolu – Samoa

- This was a two phase project involving the refurbishment of an existing steel frame building for workshop purposes in the first phase.
- Second phase of the project involved the construction of a new administration and teaching facility.
- Ancillary works includes drainage works, concrete footpaths, plumbing tower and chip seal drive & car parking.
- Responsibilities: Project managers, structural and civil engineers, architects, electrical and building services engineers.

Health



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.
- Responsibilities: Kramer Ausenco is providing comprehensive engineering design and documentation services for the whole suite of engineering disciplines.

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.

PORT MORESBY 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.

Hospitality and Leisure



SEBEL HOTEL

Port Vila– Vanuatu

- Kramer Ausenco's responsibilities included the construction of a new 70-room 7 storey deluxe Hotel and associated resort facilities.
- The complex is located on Port Vila Harbor and includes restaurants, bars and a casino.
- Responsibilities: Kramer Ausenco was engaged to provide a total suite of design documentation services (Structural Design, Civil Design, Electrical Design, Hydraulic Design and Mechanical Design). Project management and construction inspection services are also being provided by Kramer Ausenco and continue to date.



HONIARA HERITAGE PARK HOTEL

Honiara – Solomon Islands

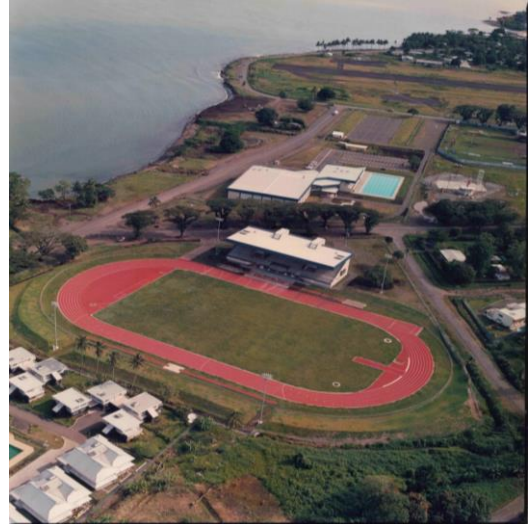
- Building works include a nightclub, restraint, conference facilities, bars, pool and casino. This six building three storey luxurious apartments were created with state of the art architecture on 5 acres of land.
- Responsibilities: civil, structural, electrical, hydraulic and mechanical.



MANIA POLYNESIA SPA

Upolu - Samoa

- Kramer Ausenco's responsibilities included design, documentation and supervision of Health Spa facility including a Gym equipped with Sauna, Juice Bar, Boutique Shop and Hairdressers.
- Also includes main Spa, water features and Tropical landscaping to enhance the detached double and single massage pavilions and separate private Spa pools.



MOROBE SPORTS COMPLEX

Lae- PNG

- Development of a multipurpose sports complex including grandstand and stadium, indoor complex, synthetic running track, tennis courts, swimming pool and other related facilities.
- Responsibilities: included project management, structural, civil, electrical and mechanical design and construction supervision of all buildings and site works.



TEUFAIVA GRANDSTAND RECONSTRUCTION

Nuku'alofa – Kingdom of Tonga

- The original roof of the Taufaiva Grandstand was destroyed during cyclone Hina. The scope of the project was to design and build, with Fletcher Royco, the cantilever roof and support structure for Tonga's premier sports facility.
- Responsibilities: Project Mangers, Structural, Civil, Mechanical and Electrical Engineers.

Maritime



TALOGA BAY WHARF

Gisborne – New Zealand

- The Project involved major reconstruction and refurbishment of an old Wharf for the Gisborne Regional Council, New Zealand.
- Kramer Ausenco secured this project in a Design & Construct Tender in association with Concore Pty Ltd. Kramer Ausenco was responsible for all design, documentation and inspection services for.
- Design was completed in 2004 and construction was scheduled for completion late 2005 early 2006.

Responsibilities: Project Managers, Structural and Civil Engineers.

SOLOMON ISLANDS PACIFIC PATROL BOAT CONTROL

Point Cruz- Solomon Islands

- Solomon Islands Police Force Maritime Unit Wharf
- Scope of Works included design and supervision of the refurbishment of the wharf.
- The refurbishment works included repairs to all of the wharf's structural steel members and replacement of the old timber deck with concrete panel. New mooring pens have been constructed for the three tier 2 (12 metres). A boat ramp was also part of the construction as well as a new fire fighting system installed with a fixed crane for loading and unloading of the patrol boat.
- Responsibilities: Structural and Civil Engineers

ROYAL PAPUA YACHT CLUB

Port Moresby – PNG

- The project includes the development of fully serviced marina, boat repair facilities and club house in Fairfax Harbour. The marina has the capacity for 300 boats.
- Kramer Ausenco provided Topographic and hydrographical surveys. Marine planning and club house concept development. Tide studies and marine works design.
- Construction supervision, project management on behalf of the client. Design and documentation of facilities including building site works and building services.
- Responsibilities: Project Managers, Civil and Structural Engineers.

Public Sector and Urban Development



PUKAPUKA CYCLONE CENTER

Pukapuka- Cook Islands

- Community Cyclone relief center, with capacity of housing 600 people at any one time. It has fully functional facilities, including disabled access.
- Responsibilities: Project Manager, Architectural design in association with Gayle Plunkett, Structural, Civil, Electrical, Mechanical, and Hydraulic Engineers.



TAURAMA BARRACKS HEADQUARTERS BUILDING

Port Moresby – PNG

- Kramer Ausenco was responsible for the construction of a new 1st Battalion Pacific Islands Regiment Headquarters building.
- Kramer Ausenco provided the structural design and documentations. Design approach was implemented to comply with the required building standards and specific design criteria to the Australian Department of Defence.
- Responsibilities: Structural and Civil Engineers.



ROYAL PNG CONSTABULARY POLICE HOUSING- LAE

Lae– PNG

- The structure of the building is on low steel post, timber framed construction in weatherboard cladding with fire rated block work separating the duplex and high steel post for the single H65 building including fencing, and access road.
- Responsibilities: Project Managers, Quantity Surveyors, Civil, Mechanical and Electrical Engineers

Resources



KESTREL MINE EXTENSION

**Emerald, Central QLD –
Australia**

- Kramer Ausenco provided project engineering services during the procurement, construction, commissioning and handover for Kestrel Mine Extension.
- The extension is 7km southeast of the existing Kestrel Mine site. It has its own Mine Infrastructure Area, with two portals to the underground pit. Production is 5.7M Tonnes/year.

Responsibilities: Project
packet engineer, project
engineer

CADIA EAST

Orange, NSW – Australia

- Kramer Ausenco provided detailed design only for surface works for the CVO for
- Stage 1 (ball mill and tailings thickener);
- Stage 2 (secondary crushing and screening);
- Stage 3 (flotation);
- Stage 4 (high pressure grinding roll and concentrate pumping);
- Newcrest have selected Fluor Australia as PCM Contractor (design includes infrastructure works) with SKM (underground design works) and Ausenco (aboveground design works).
- Responsibilities: Structural Engineers

LIHIR FLOTATION EXPANSION

Lihir, New Ireland - PNG

- Kramer Ausenco provided PNG compliance for the electrical design documentation & supervision roles during the installation and commission phases for the upgraded facilities. Kramer Ausenco also provided construction superintendent personnel for the civil works.
- Responsibilities: Electrical engineering and construction supervision



Lihir NCA1 Project (Carbon in Leach (CIL) Refurb)

Lihir, New Ireland -PNG

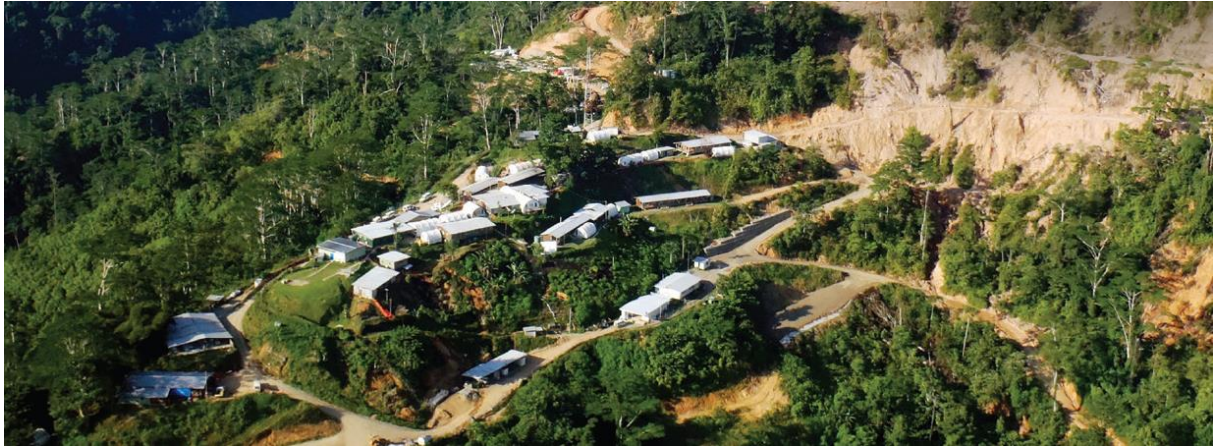
- The project was a brownfields project within an operational site and as such, the tie-in, construction and installation work needed to be planned around minimising disruption to site operations.
- Works also included the necessary, civil works, electrical, mechanical, hydraulic, instrumentation and tie-ins.
- Responsibilities: Site project administration and document control, site project support and technical services, site structural supervisor, site construction supervisor quality officer, and structural engineering services



Constancia

Andes – South-eastern Peru

- The Constancia Project is located in the South-eastern Peruvian Andes, in the districts of Chamaca and Livitaca, Province of Chumbivilcas, approximately 600 km Southeast of Lima, at an elevation ranging from 4,000 to 4,500m above sea level. It is an open pit operation mining a porphyry copper-molybdenum deposit.
- Kramer Ausenco provided design and detailing of Industrial building envelopes including roof sheeting, wall cladding and door and window scheduling. Building types included Reagents Storage, Concentrate Handling and Lube Rooms.



Wafi Golpu

Morobe Province – PNG

- Kramer Ausenco has provided Engineering Design, Project Engineering and On-Site Project Services Support to the Wafi-Golpu Project. We provided support to the Owner's Team for coordination of infrastructure, ground investigation and survey studies. We also undertook design of Mining Support Infrastructure (Industrial Area) and provided an on-shore solution for logistical project services.
- In addition to Kramer Ausenco's role on the project, Ausenco also completed a 2012 Prefeasibility Study for the 20MTPa Copper Concentrator and Concept designs for regional access and material transport corridors.
- Responsibilities: Project engineering services (studies), on-shore project services (logistics) engineering (engineering for industrial mine support area)



Gulf LNG Project

Kerema, Gulf Province– PNG

- Kramer Ausenco contracted to provide support services to assist in the development of sections of the Petroleum Processing Facility License (PPFL).
- Responsibilities: Project engineering services

Roads and Highways



SHS ROADS UPGRADING FEASIBILITY STUDIES

Southern Highlands Province– PNG

- The Southern Highlands Provincial Governor awarded the roads upgrading feasibility studies for highlands roads (including bridges), which had a total length of 371 kilometres within the Southern Highlands province.
- Responsibilities: The services provided included the desktop and on-site visit of the various roads.
- The studies included the preparation of the scope of upgrading for the roads/ bridges to DoW Roads and Bridge Standards and the preparation of budget cost estimates and the Roads Feasibility Study Reports.

POREPORA FREEWAY Port Moresby – PNG

- The project involved the development of a 4 lane limited access freeway with overhead passes & overhead street lighting.
- The civil works included a large open cut (some 2M cu metres), 6 bridges and drainage works, drainage design, and electrical street lighting design.
- Responsibilities: Structural, Civil, Electrical and Mechanical Engineers.

FAGALOA BAY ROAD RECONSTRUCTION

Eastern Upolu- Samoa

- Kramer Ausenco was involved with the Contract Supervision and Administration of the Fagaloa Bay Road Reconstruction Contract for the entire 7 month construction period.
- The project was located in a very mountainous area which experienced very high and heavy rainfall events.
- The existing 3.9km of road was completely reconstructed from subgrade level, widened from 4m to 6m wide with a 4m wide 2 coat chip seal surface applied.
- In addition extensive road widening and re-battering of banks was undertaken.
- Responsibilities: Kramer Ausenco Samoa provided a Project Director, Project Administrator and a Project Superintendent on behalf of the Government of Samoa and MWTI.

Utilities and Infrastructure



PDS DATA CENTER COMPLEX

Port Vila– Vanuatu

- Kramer Ausenco was responsible for fast-track design & construction of a modern Internet Data Centre Complex comprising of a Data Centre Building, Administration Block, Generator Shed, 2No x 9.5m diameter Satellite Dishes and ancillary site works.
- Responsibilities: Architecture, costing, survey & geotechnical, structural / civil incl. contract negotiations and contract administration during construction phase.
- Project was coordinated with other Consultant disciplines such as Internet, Satellite and Services (Mechanical, Data, and Fire) for smooth interfacing of the Works.



TVL ELLUK ANTENNA

Efate– Vanuatu

- Kramer Ausenco was responsible for the design, documentation, tender, contract administration, construction and project management for the construction of the 35m RT72 tower and satellite footing, TVL buildings and associated site works.
- Responsibilities: Procurement of associated professional services disciplines including architecture, costing, survey & geotechnical, structural / civil. contract negotiations and contract administration during construction phase.
- Project was coordinated with other Consultant disciplines such as Satellite and Services (Mechanical, Data, and Fire) for smooth interfacing of the Works.



TVL TEOUMA ANTENNA

Teouma - Vanuatu

- Construction of the 35m RT72 tower and satellite footing, TVL buildings and associated site works
- Responsibilities: Project Management, Architecture and Engineering Design

Kramer Ausenco's team strength lies in its people.

Frank Kramer

Chief Executive

Kramer Ausenco

Frank Kramer established the first indigenous owned Engineering firm in Papua New Guinea. He has been involved in the Project Management, Project Financing and major loan negotiations for the Government Instrumentalities. His interest in projects financing has lead him into negotiating and or co-arranging finance packages for numerous private and public projects. Notably, Frank was the co-team leader in negotiating in excess of US\$100M on behalf of the PNG Government for Jacksons (Port Moresby) International/Domestic Airport Terminal Upgrading from the then OECF-now JBIC Japan Bank of International Cooperation (1990).

Bruce Nicholson

Chief Operating Officer

Kramer Ausenco

Bruce has more than twenty-five years' experience in project management in particular the management of multidisciplinary infrastructure projects, multidiscipline team compositions and diverse stakeholder groups. He has over the last fifteen years been continuously involved in project work in developing countries viz. Papua New Guinea, Samoa, Vanuatu, Tonga and Solomon Islands. In that time he has managed and administered a range of institutional infrastructure projects for donor agencies such as AusAID, World Bank, EU, ADB and JBIC to FIDIC and Australian General Conditions of Contract. Bruce is a member of the Institution of Engineers PNG and is currently based in PNG.

Jason Goddard

Australia and Pacific Regional Manager

Kramer Ausenco

Jason has a wide range of experience gained since graduating in 1994 in structural design and documentation, project management, supervision and contract administration of projects of all types including institutional, commercial, resort and residential projects. Design Management of multi-discipline engineering and Team Leader roles have been undertaken since 2000 for projects in seismic and cyclone prone regions of Australia and the S.W. pacific region including projects funded by various International Development Partners.

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