

2005 CAPABILITY STATEMENT



JAVELIN ASSOCIATES

PROJECT PLANNING AND CONTROL SERVICES

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ABOUT JAVELIN ASSOCIATES



- ✓ Scheduling
- ✓ Planning
- ✓ Project Control
- ✓ Strategy Development

- ✓ Quality Service
- ✓ International Experience
- ✓ Cost-Effective
- ✓ Diversity

Business confidence through planning

Our role

Our role is to create an environment of **business confidence** for our clients that their projects are under control.

Who we are

Based in Sydney, Javelin Associates is a leading provider of project planning and control services to a wide range of industry sectors including engineering, construction, mining, petrochemical, defense, telecommunications and information technology. Javelin has provided services to projects in Australia, USA, Hong Kong, Papua New Guinea, Indonesia, Singapore, Malaysia, Poland and Nigeria. The projects on which we have been engaged have ranged in value from under \$1 million to well over \$750 million.

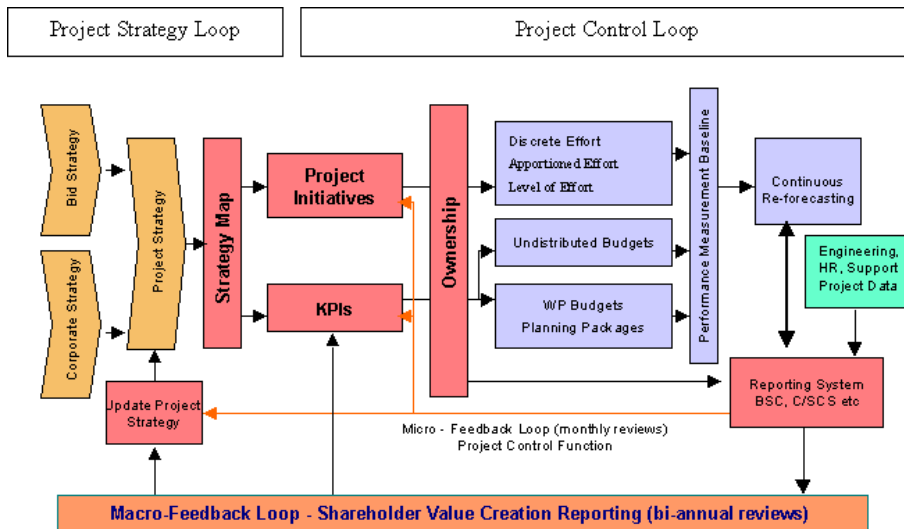
Our key strength lies in our principle of creating value and wealth for clients by ensuring projects meet or exceed their intended objectives. Because all projects are naturally at risk, Javelin provides services to understand project behavior, measure project performance and maintain a healthy environment to facilitate successful completion. We provide timely reports that identify factors affecting project performance and enable quick responses to live project challenges.

Javelin 's respect for the cultures of local communities allows us to work across the different countries our business spans. We consciously strive to contribute to the development of the local communities in which our projects are being implemented. For example, on several projects in the past we have trained local technical personnel at no extra cost in various aspects of project engineering and management. This training has provided technical and management skills for delivering projects that would help to improve the quality of life within the local community.

Specialist Project Planners and Modellers

We deliver quality information that makes the decision process confident and easy

- Professional design of project implementation programmes
- Design and implementation of project performance monitoring systems
- Timely project updates and reports
- Problem solving / trouble shooting
- Auditing of project plans
- Forensic analysis of project performance
- Litigation support
- Risk analysis



Ref: Czes Szarycz & Voytek Kawecki - Incorporation of Balanced Scorecard Methodology into Project Management Systems

'Online' Service

Javelin's 'Online' service is the most cost-effective approach for delivering Project Control services. After initial design and set up of the Project Control system in the client's office, the project is serviced from our facilities over the Internet and through the use of faxed communications where appropriate.

This method has the advantage of achieving significant savings through the elimination of the costs of expensive, unnecessary overhead costs such as expatriate accommodation, transportation etc. The "online" system can be used, for example, to service projects in remote locations without the requirement of "on-site" planning personnel. Periodic site visits may be required to assure continuity and traceability of service.

'On site' service

Projects requiring full time project control services on location can be serviced using our 'On-site' service, where we have personnel stationed permanently on-site throughout the duration of the project.

Core services

Javelin uses the latest proven and reliable software that provides your project with the most efficient results on time, every time.

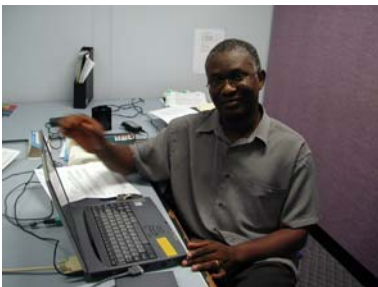
- ✓ Project-based strategy development
- ✓ Design of project implementation plans
- ✓ Design of project control plans
- ✓ Development of project performance baseline
- ✓ Design of project Key Performance Indicators (KPIs)
- ✓ Design and implementation of systems and processes for measuring monitoring and controlling project performance
- ✓ Design and implementation of systems for managing the integration of planning, scheduling, estimating, cost control, cost accounting, contract administration, and progress reporting functions
- ✓ Preparation of tender schedules and programs
- ✓ Preparation of contract execution schedules and programs
- ✓ Design and implementation of project management reporting systems
- ✓ In-house Project Management training and seminars
- ✓ Design and implementation of project risk management strategies
- ✓ Economic evaluation of project and business solutions
- ✓ Organizational review and design

KEY PERSONNEL



Voytek Kawecki

Voytek has two university degrees. He has a Master of Engineering from Warsaw Polytechnic in Poland and a Master of Engineering Science from University of NSW in Sydney. He is a Member of The Institution of Engineers Australia and Member of The Australian Performance Management Association. Voytek has over 20 years of professional experience in a variety of management roles including development of programs, cost/schedule control systems and management of projects of up to \$1 billion. Voytek's past jobs include the development of \$650 million winning Tender Construction Schedules and Cash Flow forecasts for the M5 Freeway, the largest single awarded civil engineering contract in Australia at that time. He was a Consultant Planning Manager for the Melbourne City Link Project \$500 million contract and he developed a Planning Strategy for Lockheed Martin Australia to monitor Australian defense programs. He was a Project Controls Manager for Rail Infrastructure Corporation NSW establishing configuration for monitoring progress of over 3000 projects per year. Voytek's international projects include the development of infrastructure programs in Australia, USA, Hong Kong, New Guinea and Malaysia. His management skills have been proven on projects involving multiple sub-contractors and various business units.



Dr Segun Faniran

Segun has a B. Sc (Honours) degree in Civil Engineering, and Master of Science and PhD degrees in Project Management specializing in Project Planning. He is a member of the Institution of Engineers Australia, the Institute for Operations Research and Management Science, and the Australian Institute of Management. Segun has almost 20 years experience of project design and implementation. He is currently a project management consultant and a Senior Lecturer in the School of Civil and Environmental Engineering, University of New South Wales. Major consultancies have included project feasibility studies, provision of project planning and control services, the design and delivery of project management training programmes, and the application of project processes to organizational change. Segun also worked for 10 years in Nigeria where he was involved in several major projects.

DIVERSITY OF EXPERIENCE



From top: Yarra Bridge Melbourne, Dam Strengthening Sydney, Gas Pipeline Malaysia.

Multinational

Javelin 's operations have ranged from civil and building construction, petrochemical, mechanical, defense and telecommunication projects in the USA, Nigeria, Hong Kong, Papua New Guinea, Indonesia, Singapore, Malaysia, Australia and Poland with budgets from under \$1 million to over \$750 million.



Bilfinger Berger (Australia)

Project Description:

The M5 East major Sydney freeway including the longest Australian road tunnel. The total value of the job was more than \$750 million dollars. The project was completed three months ahead of time and ahead of budget.

Scope of Services:

Javelin played a major part in winning the tender for the largest single awarded construction project in Australia. We provided Construction programs, Project progress control and Reporting service.



Petronas (Malaysia)

Project Description:

6.5 kilometers of gas pipeline across Malacca Strait. This \$20 million project was the most challenging undertaken by Javelin. The technical complexity and new technology made this project very difficult for contractors and sub-contractors.

Scope of Services:

Total Project Control System, Construction Programs, Project Progress control and reporting, 'Online' planning service.



Boulderstone Hornibrook (Australia)

Project Description:

Melbourne City Link Project major toll way for 3.5 million people city. The total value of the job was more than 2 billion dollars.

Scope of Services:

Javelin designed and implemented a time and KPI progress monitoring system for the \$500 million Western Link part of the project and the project was completed on time. The planning/scheduling software used was Primavera P3 and SureTrak utilising MS-Access databases and Excel spreadsheets for data collection and graphical reports.



Lihir Gold, Coecon (Papua New Guinea)

Project Description:

Gold mine project on Lihir Island Pacific Ocean, with a \$50 million budget.

Scope of Services:

On this project we covered everything. Tender, Procurement, Construction Programs through completion and change contract process. Total Project Control System Tender and Construction Programs, Project Progress control and reporting, claims and 'On site' and 'Online' planning service.



Lockheed Martin (Australia/USA)

Project Description:

Javelin Associates, working in association with Terra Firma, have developed programmes and standards to monitor US based Lockheed Martin Australian operations, planning and progress cycle update processes for the \$250 million defence project.

Scope of Services:

Used 'Online' planning service, Construction Programs, Project Progress Control Updating and Reporting system.



Water Corporation of Oyo State (Nigeria)

Project Description:

Part 1: Ogbomoso Water Treatment Plant Upgrade: \$25 million project for the extension, rehabilitation and upgrading of existing Water Treatment Plant at Ogbomoso from 6,300 to 15,000 m³/day.

Part 2: Oluponna Water Supply Improvement Project: \$65 million project for the rehabilitation and construction of water supply and distribution networks and associated facilities including 150 km of trunk mains, diameters ranging from 400 to 700 mm and 350 km of distribution networks with diameters ranging from 100 to 300 mm.

Part 3: Igboho Pumphouse: \$15 million project for the construction of a new 4,750 m³ per day pump station.

Scope of Services:

- Prepared construction programmes and detailed work plans for tender submission.
- Prepared resource schedules and estimates.
- Prepared budget statements and cash flow analysis.
- Designed and implemented project control system for measuring, monitoring and controlling project performance.

Strabag Construction Limited (Nigeria)

Project Description:

Agbowo Shopping Complex, Ibadan. \$30 million shopping mall and car park project with total built-up area of 66,000m². The mall consists of 215 shops, restaurants, cafeterias and cinemas. Also includes car park area of 53,000 m² providing parking space for 710 cars.

Scope of Services:

- Prepared construction programmes and detailed work plans for tender submission.
- Prepared resource schedules and estimates.
- Prepared budget statements and cash flow analysis.
- Designed and implemented project control system for measuring, monitoring and controlling project performance.

Osun State Water Corporation (Nigeria)

Project Description:

Part 1: Ejigbo Water Supply Scheme: \$83.5 million project for the construction of 162 km long water pipeline, treatment plants, booster stations and 8,000m³ storage tanks capacity.

Part 2: Ile-Ife Township Water Distribution Network. \$70 million project to construct a new water supply and distribution network to serve a population of 600,000 people.

Part 3: Management Audit: \$250,000 project to review organizational and management processes.

Scope of Services:

- Designed and implemented project control system for measuring, monitoring and controlling project performance.
- Evaluation of organization's mechanical, managerial and financial capabilities.
- Design of organizational and business processes for capital program planning and management; project planning; and professional project management and control.

Airconditioning and Mechanical Contractors Association of Australia

Project Description:

Project Management Training Seminar.

Scope of Services:

In-house training seminar tailored to client's requirements and designed to provide management and operational personnel with an overview of the factors influencing various aspects of the management process and techniques for successfully implementing proven.

CLIENT TESTIMONIALS

"Javelin has excellent understanding of Planning and Scheduling principles and applications, with complementary depth of understanding of variety of tools and an outstanding ability to apply them quickly and efficiently to benefit of project planning and control."

- David Read, Director, Earned Value Systems Pty LTD

"Javelin Associates, working in association with Terra Firma, is quick and responsive. Their work put more light into complex issues of our project planning"

- Lawrence Gatton, Deputy Program Manager, Lockheed Martin

"Simple and logical Javelin programs helped us to win a major Expert Determination, by demonstrating delays and entitlement to extension of time. The analytical strength of the programs was an important factor in convincing the Expert that we had in fact been delayed and were entitled to the claim and subsequent recovery of costs."

- Russell Denny, Special Projects Manager, Wagstaff Piling P/L

"Javelin Associates, working in association with Terra Firma, implemented "on-line" progress monitoring and planning system for a major overseas contract. With Javelin and Terra Firma, we were able to see program issues that previously flew under the radar. By gaining consistent reports and advice we are able to understand not only our time constraints but also clearly see what was best to do about them."

- Mick Aylward, Deputy Program Manager, Lockheed Martin

"Javelin supported Baulderstone Hornibrook in the design and preparation of tender programs, cash flows and preliminary construction schedules for the M5-East Motorway (\$650M design & construct contract). The clarity and integration of these programs was a significant factor in securing the project and successfully developing the broader project planning essential for achieving completion on budget and 6 months ahead of schedule."

- Michael Moore, Construction Manager, Baulderstone Hornibrook

"Javelin's value of quality planning service exceeded cost of the engagement from the first day. It enabled us to gain better understanding of our projects requirements and was vital for our processes of project resource estimating."

- Paul Debnam, Estimating Manager, BHP Engineering

"Javelin provided a planning/scheduling service for our \$500 million Melbourne City Link project. The service was professional and efficient providing our weekly and monthly progress and updated schedule reports, and always in a timely manner. We would recommend Javelin for project control roles involving multiple sub projects in future."

- Ian Sinclair, Planning Manager, Baulderstone Hornibrook
