



JAVELIN ASSOCIATES

PROJECT PLANNING AND CONTROL SERVICES

“Business Confidence through Planning”

“Planning for business confidence”

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“Javelin designed and implemented an "on-line" progress monitoring and planning system for a major overseas contract..”

We are creating business confidence for our clients both in Australia and overseas since 1992.

| | <i>Mining</i> | <i>Construction</i> | <i>Petrochem</i> | <i>Defence</i> | <i>Telco & IT</i> |
|---|---|---|--|---|--|
| <i>Project Scheduling</i> | Scheduling of Coal Processing Plant CPP Refurbishment Saraji Coal Mine, BHP Billiton | Project Scheduling Planning, Rostering & Control of Progress Caltex, Brisbane | Scheduling of two Additional Ethylene Furnaces, Jubail Petrochemical Complex , Chiyoda Petrostar Ltd, Saudi Arabia | ASLAV CPT, Armored Vehicle Training Simulator – Thales Training & Simulation Pty Ltd Australia | TTS/TTSP Integration Plan, Software Testing Plan, Thales Training & Simulation Pty Ltd Australia |
| <i>Project Planning and Control</i> | Blackwater Coal Mine, Coal Handling & Processing Plant Construction. BHP - Billiton - Mitsubishi Alliance | Project Tender Planning & Implementation Project Program Development M5 East, Sydney Bilfinger-Berger Australia | Wallumbilla to Braemar Gas Pipeline, Development Phase, Energex | Australian Frigates Upgrade FFG, ADI & Lockheed Martin Australia & USA | Administration Platform Modernisation Project, ComSuper, Canberra |
| <i>Strategic Project Planning and Control</i> | Gold Processing Plant & Infrastructure Development, Lihir Gold Mine, Coecon PNG | Planning, Project Control and Strategic Project Planning & Decision Making Process Melbourne City Link Toll way. | Pluto Onshore LNG Effluent Treatment Plant , Woodside Burrup Pty Limited | TUAV - Airborne Surveillance Operations Vehicle, ADI Australia | Access Card Program, Department of Human Services, Canberra |
| <i>Project Risk Analysis and Management</i> | Tampakan Copper , Mine Feasibility Study, Parsons Brinckerhoff and Xstrata Copper, Australia | Rail Infrastructure Corporation of NSW, Development of Project Control System for over 2000 projects of Capex & Routine Maintenance | Strategic PP&C Penang Island Gas Pipeline, PETRONAS Malaysia | MK92, Test Bed and Maintenance School, Design, Installation and Set-To-Work Lockheed Martin Australia | Jindalee Over the Horizon Radar System Telstra, Australia |

“By gaining consistent reports and advice we were able to understand not only our time constraints but also clearly see what was best to do about them.”

Problems and Javelin Solutions

| Project Problem | Javelin Solution | Customer Testimonial |
|--|--|---|
| Saraji CHPP - No project schedule and no progress control. | Development & baseline of project schedule , introduction of control update system. CPI & SPI control index progress monitoring system . | BHP-Billiton Mitsubishi Alliance |
| RIC – 2000 projects no database & no control progress control system. | Development of full database of control of projects, Development individual schedules of projects and control and update procedures. | Rail Infrastructure Corporation of NSW |
| Melbourne City Link Toll way – no project implementation construction program and no reporting process in place. | Design and development comprehensive construction program including 5 sub-projects and implementation of progress reporting system to project contractor and project owner. | Boulderstone Hornibrook Construction Australia |
| Tampakan Copper complex unfriendly program with limited reports and no sensitivity analysis recommendations. | Mine Feasibility Study project – development user friendly easy to understand project programs for USD 5 Billion project . Presentation of options and sensitivity analysis of schedule to project owners. | Parsons Brinckerhoff and Xstrata Copper, Australia |
| Blackwater CPP Coal Processing Plant construction delays and lack of project risk control. | Schedules & Cost Probability Analysis reports, development of progress control system on site, progress control monitoring till completion of project. | BHP-Billiton Mitsubishi Alliance |
| Inge Coal Corp. – Unhealthy Project Schedule lack of Project Control, South Africa | Full audit of project schedule, recommendations and alignment of project into professional standard. | Peter Rundle Management Services, |
| Adelaide Aqua – no tender schedule no staff and no expertise to develop program suitable for presentation to client. | Development of comprehensive tender schedule, presentation to contractor & client and award of construction project to contractor. | Adelaide Aqua, Abigroup Contractors consortium for South Australia Water Desalination project |

“Javelin supported Boulderstone Hornibrook in the design and preparation of tender programs, cash flows and preliminary construction schedules for the M5-East Motorway (\$650M design & construct contract)”.

Services Offerings

| Stage | Javelin Service | For whom | Budget |
|------------------------|---|---|---|
| Pre Feasibility | Develop and simulate model | Parsons Brinckerhoff and Xstrata Copper, Australia | USD 5 billion |
| Feasibility | Sensitivity analysis "what if" | BHP-Billiton Mitsubishi Alliance | AUD 1 billion dollars, coal mining projects. |
| Project Tender Process | Develop time, resources and \$ baseline data | Adelaide Aqua for South Australia Water Desalination Project. | AUD 1.2 billion dollars |
| Project Implementation | Project control progress monitoring and reporting | Baulderstone-Hornibrook Contractors | AUD 600 million – biggest single company awarded contract at this time in Australia |
| Project Maintenance | Operation and maintenance scheduling and progress control | Rail Infrastructure Corporation of NSW | Over AUD 1 Billion per annum approximately 2000 projects of routine maintenance |

“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.”

Confidence in Javelin

- *Javelin is boutique consulting service*
- *Professional planners, schedulers, cost controllers, risk engineers*
- *Over 20 years of experience*
- *International experience*
- *Range of industrial, government, defense, communication, building and other projects*
- *Cost effective choice of on-site or off-site work*

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.“

The logo for Javelin Associates features a horizontal bar with a central orange segment and dark blue segments on either side. The bar has a slight upward curve in the center.

JAVELIN ASSOCIATES

We always focus on project and customise design to the project standards.

- Design the project control system*
- Monitor and analyse project performance*
- Custom design reports to standards and requirements of the projects*
- Provide regular updates for informed decision-making process*

“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.”

Other services we have provided for projects

Systems analysis

Audit of project plans

Risk range analysis

Trouble shooting

Dynamic modelling

Litigation support

Claims support

Forensic analysis of project performance

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Please contact us for obligation free
advise or quotation

<http://www.jv.com.au>

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