

BMD LARPRO JOINT VENTURE (BLJV) **2014 CAPABILITY STATEMENT**



“ While we are focused on continuing our growth, we are equally and perhaps even more so, determined to maintain our distinct culture and identity. Our culture is an integral part of what makes us unique, and while that culture will evolve over time, we remain strongly committed to ensuring we retain and pass on its core elements.

Our business has become the success it is today due in no small way to the efforts and enduring loyalty of our people. ”

Mick Power AM

Group Board Chairman and Managing Director
BMD Group





“ At Larpro we pride ourselves on providing high quality, value-adding services to our clients. This has led to a large portion of our business being repeat or referred work.

Quality, Value, Service and Integrity are our core values and the platform on which we wish to continue to grow our business and this JV. ”

Steve Laracy
Managing Director
Larpro

BMD LARPRO JOINT VENTURE

BMD Constructions and Larpro have formed a strategic Joint Venture to deliver a distinctive offering with a fully integrated team, complementary skills and dedicated resources.

By combining our shared experiences and skills we are able to offer:

- **Perspective - A real understanding of a client's needs;**
- **Knowledge – Whole of project life appreciation;**
- **Expertise - Providing in-house services throughout early planning, approvals, design, construction, and commissioning; and**
- **Collaboration – Open relationship based contracting with reputation for client satisfaction.**



BMD Constructions is a wholly owned subsidiary of the BMD Group providing construction services to a wide range of infrastructure projects around Australia. BMD Constructions has two divisions, Industrial and Civil, to deliver structural, mechanical, piping, electrical and civil engineering solutions to a diverse range of clients and industries.

BMD Constructions provides comprehensive and innovative solutions to clients all over Australia. Through highly experienced personnel, strong management systems and an uncompromised commitment to excellence, BMD Constructions ensure the timely and safe delivery of high quality projects.

BMD Constructions see our strengths in the quality of its people and their genuine relationships with clients, partners and communities.

Larpro is a Project Management organisation specialising in the delivery of mining infrastructure, minerals processing and public infrastructure projects.

Larpro provides project management services, engineering, procurement, construction management and related project services to participants in these industries.

Larpro has an expanding breadth of experience in mining infrastructure, minerals processing and oil and gas projects in Australia and overseas, with offices recently opened in London and Perth.



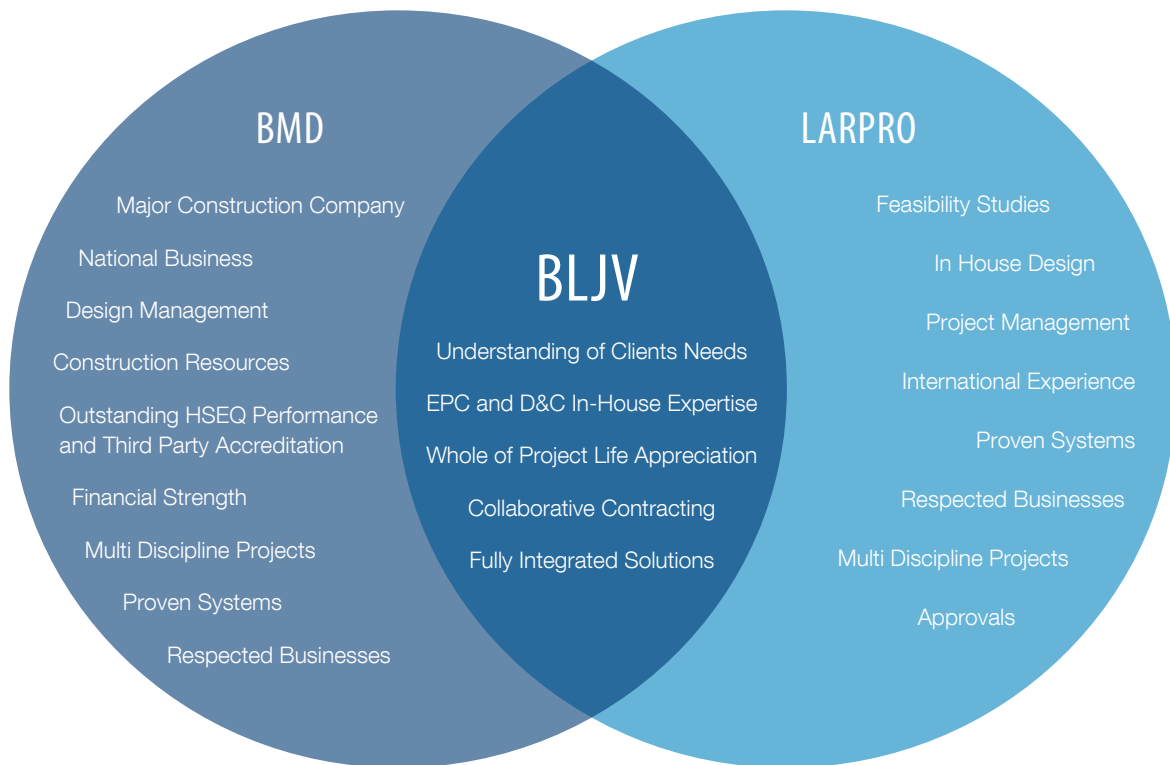
Caval Ridge Utilities Works, QLD



Sepon Copper Expansion Project, Laos

NEW APPROACH

BLJV is a skilled driven partnership providing a combined design and construction solution founded on similar culture and a genuine commitment to delivery of projects. The diagram below shows the complementary and enhanced capabilities of the JV.



BLJV offers clients a substantial and diverse capability covering civil, structural, mechanical, piping and electrical disciplines. BLJV can deliver design and construct projects for a range of sectors including:

Mining and Minerals
Processing

Food Handling and
Processing Plant

Oil and Gas
Facilities



WHAT YOU GET

- In-house design
- International expertise
- Strong financial
- An experienced team focused on project success
- Commitment to innovative and cost effective solutions
- Delivery on project quality objectives
- An open and honest client-contractor relationship
- Proven safety and environmental management
- Integrated team, complementary skills, dedicated resources
- Collaborative 'hands on' approach
- Elimination of costly and inefficient interfaces



RELEVANT EXPERIENCE

COAL

Caval Ridge Utilities Works

Moranbah, QLD

BMD Constructions was awarded the contract for the supply and installation of all site wide utilities services, which were required to service and assist with processing mining operations.

The works comprised of above ground and underground piping services over a 180 square kilometre site. The extensive range in the scope of work included;

Pipework - installing over 90 kilometres of HDPE pipework ranging in size from DN25 - DN630 as well as large bore galvanised carbon and stainless steel at the truck stations and water storage tanks.

Structures - concrete works including 21 dam pump skids, foundations and columns for structural steel at three truck fill stations, as well as LP and DB platforms.

Electrical – site wide power distribution including pit, conduit and platform installation, cabling, cable ladders, area lighting and CCTV system.

Communications – installation of fibre optical communication, in pit wireless systems and instrumentation.

Civil - foundation earthworks for the pump skids, truck fill stations, explosives magazine, communications tower and trenching, and also underboring road crossings at Peak Downs Highway.



Caval Ridge Utilities Works, QLD

COAL

Xstrata Newlands Mine

Newlands, QLD

Xstrata Coal engaged Larpro to review options and make recommendations to rectify environmental issues, access and production constraints at the haul road crossing of Suttor Creek near the Newlands Mine.

Suttor Creek floods regularly and the mine pits on the other side of the creek can be inaccessible for periods of several weeks following floods, with consequent production interruptions and cost impacts. Floods in 2008 caused environmental damage to the creek and creek banks which needed rectification and a sustainable solution. Larpro was engaged to manage the design and construction of a concrete arch to bridge the creek.

The project's first test came in February 2010 when the creek flooded and the haul road overtopped, as designed. Instead of losing several weeks, less than two shifts were lost and there was no environmental damage to the creek.

Larpro and Xstrata were shortlisted as finalists in the Environment and Project Management categories at the Engineers Australia Awards for Queensland in 2010 for this project.



Suttor Creek, QLD

COAL

Ulan West Boxcut Services

Mudgee, NSW

BMD Constructions was engaged to design and construct a maintenance and storage facility inside the existing Ulan West Boxcut underground mine in Mudgee.

The facility included four general storage areas, a machinery parking area, a H.V. Service Workshop, bulk liquid storage area, material storage bunker, heavy vehicle wash bay and dewatering system. These areas required the installation of pumps, underground and above ground services, storage tanks and various packages of instrumentation.

The scope of work included 1320m² of covered storage areas; a prefabricated switchroom including three phase and single phase power distributions; lighting systems including 25m lighting towers; and a bulk liquid storage area for diesel, oils, and longwall emulsion oils complete with transfer piping and dispensing systems.

The project achieved an excellent safety record, even with these high risk environments.

During construction, coal trucks from an adjacent work site were being directed through the project. To manage this, BMD Constructions developed a strict Traffic Management Plan and ensured consistent radio communication for safety.



Ulan West Boxcut Services, NSW

RELEVANT EXPERIENCE

COAL

Hay Point Expansion

Mackay, QLD

BMD Constructions was originally engaged to deliver the client's pre-reclamation, quarry and reclamation contract as part of the overall expansion. Works largely involved the reclamation of 10.2 hectares of land including the excavation, processing and hauling of 1.3Mt of material.

During the performance of the original contract, BMD Constructions was awarded additional contracts comprising of the Onshore Civil Works and General Services Contract. The additional works included the construction of the concrete foundations, washdown slabs, underground conduit and services installation and site facilities maintenance and management.

BMD Constructions was awarded an additional \$125 million in contracts as a result of project performance, safety initiatives and management and completed in excess of 650,000 hours LTI free.

After three years of construction, the completion of the major coal terminal expansion not only delivered to the highest technical standards but also placed staff and local businesses first.



Hay Point Expansion, QLD

COAL

Q Coal - Jax & Drake Projects

Collinsville, QLD

Q Coal developed the Jax Coal Bulk Sample Project in 2012-2013. The project is located approximately 15 kilometres south of Collinsville in Queensland's north Bowen Basin. Once operational the Jax Coal Project will produce up to 1.8 million tonnes of coal per year and employ a workforce of about 100 people with an expected mine life of 21 years.

Larpro were engaged to manage the site construction and initial mining activities conducted by separate contractors. Works included the construction of the Mine Industrial Area, dams, diversions and drainage channels, levees, haul roads and temporary contractor facilities.

The Drake Coal project is a proposed open cut coal mine located in Queensland's Bowen Basin about 17 kilometres south of Collinsville. It is expected to produce up to six million tonnes of coal per year with a mine life of 30 years.

Larpro was also engaged by Q Coal to undertake Owner's Representative activities on the FEED study for the Drake Project's Coal Preparation Plant.



Jax Coal Project, QLD

COAL

Feasibility Studies

Bowen and Surat Basin, QLD

Bandanna Energy

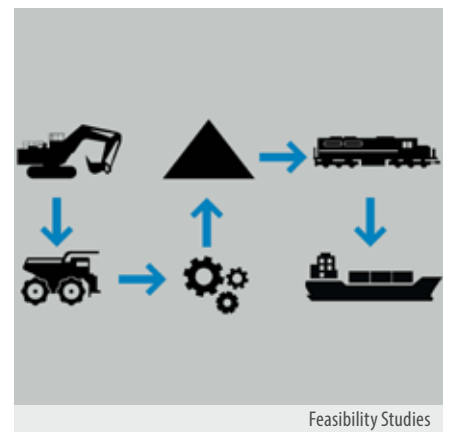
Bandanna Energy engaged Larpro to undertake select activities as part of a Definitive Feasibility Study (DFS) for the development of the Springsure Creek Coal Mine in Central Queensland.

Springsure Creek is an underground thermal coal project located 45 kilometres southeast of Emerald. The project will utilise longwall mining techniques to achieve a 5.5Mtpa product initially, and increase to a potential 11Mtpa. Larpro had previously completed pre-feasibility studies for Bandanna Energy's Springsure Creek, Dingo West and Arcturus Projects.

Cockatoo Coal

Larpro completed two pre-feasibility studies for Cockatoo Coal for the Taroom and Collingwood sites located in the Surat Basin. Larpro managed various subconsultants for geotechnical studies, hydrological studies and CHPP design. Financial modelling was also prepared for the life of the mine to assist in determining project viability across a number of scenarios.

Larpro has undertaken other feasibility studies for several gold, coal and base metal projects, and has secured a process design capability to add to their existing suite of services.



Feasibility Studies

RELEVANT EXPERIENCE

METALS

International Experience

South East Asia

Sepon Copper Expansion Project

Larpro was engaged by Minerals and Metals Group (MMG) to provide the bulk of the owner's construction team for the Sepon Copper Refinery Expansion at their existing Copper and Gold mine. The expansion was restarted in late 2009 following its suspension during the GFC. Larpro provided construction management, construction supervision, health, safety, QA and field engineering and materials control.

Nui Phao Mining Project

Larpro provided assistance to Masan Resources in obtaining various Vietnamese permits and approvals for the Project, reviewing cost and time elements of the project, and managing site infrastructure development. Larpro personnel operated both on site in Vietnam as well as from Brisbane.

Ban Houayxai Gold – Silver Project

Larpro assisted PanAust with design coordination activities at the PanAust owned Ban Houayxai gold-silver deposit. The project included an operation comprising an open pit mine feeding ore to a conventional 4Mtpa Carbon in Leach (CIL) process plant to produce over 100,000oz of gold and 700,000oz of silver per annum.



Ban Houayxai Gold – Silver Project, Laos

METALS

Mt Carlton Gold Project

Mt Carlton, QLD

In December 2010, Conquest Mining (later becoming Evolution Mining) approved the development of an open pit mine at Mt Carlton, located 150 kilometres south of Townsville, Queensland.

Larpro was awarded the construction management contract for the construction of the process plant and associated infrastructure in December 2011.

The project included the construction of an 800,000tpa processing plant incorporating crushing, grinding and flotation circuits and associated dams, roads, accommodation facilities, power supply lines and connection to the 132kV network.

Larpro completed the construction and commissioning works in March 2013.

In October 2013, Evolution Mining was named Queensland Miner of the Year at the Mining 2013 Resources Convention for the successful development of the new Mt Carlton Mine.



Mt Carlton Gold Project, QLD

METALS

Olympic Dam Mine Tails Upgrade

Roxby Downs, SA

Olympic Dam Mine is a large iron oxide copper gold deposit producing copper, uranium, gold and silver. The site hosts an underground mine as well as an integrated metallurgical processing plant. It is the fourth largest copper deposit and the largest known single deposit of uranium in the world, though uranium represents only a minority of the mine's total revenue.

BMD Constructions was engaged to upgrade and place concrete pipe supports (plinths) and 15 kilometres of 400 dia HDPE lined steel pipe.

To combat pipe supports sinking into the wet clay, BMD Constructions utilised cement stabilised sand, and the solution has since been adopted by the client at other sites.

Vacuum lifts were frequently used in place of conventional cranes, resulting in less labour and therefore, less cost to the client, which demonstrates our commitment to implementing innovative and cost effective solutions to provide clients with the best possible outcomes.



Olympic Dam Mine Tails Upgrade, SA

RELEVANT EXPERIENCE

ENERGY

Tarong Energy Ash Disposal

Kingaroy, QLD

Located 180 kilometres north-west of Brisbane, the Tarong Power Station can supply electricity to the equivalent of eight cities the size of Toowoomba.

BMD Constructions was engaged to design, procure, construct and commission the Power Stations Ash Disposal System. The system collects, liquefies, pumps, transfers and places ash slurry from the two power stations to a disposal site five kilometres away.

The ash collection involved two kilometres of 150 diameter XStrong carbon steel pipe; 1ML steel tank, support structure and agitator; and converting the ash to a slurry (55% concentration).

Key initiatives for successful delivery included prompt design development, identifying and expediting procurement of long lead time items and focusing on commissioning and operations early.

Additionally, ash placement in the mine void met the strict geological and environmental mine requirements.



Tarong Energy Ash Disposal, QLD

FUEL

ACTION Buses - Fuel Upgrade

Canberra, ACT

The project involved design and construction of the refuelling and environmental controls of two bus depots located at Belconnen and Tuggeranong. The works were executed in parallel at the two sites that were 30 minutes apart.

The scope of work included new tanker unloading facilities at both sites with remote tank selection and automatic high level shut offs; replacement of all bowsers in order for sumps and electronic heads allowing data capture and authorisation control; upgrading the waste oil facilities to ensure correct environmental controls for automatic over fill protection. This involved the insitu filling of one tank and the demo and removal of one other. Replacement of fuel delivery lines and delivery pumps and instrumentation at Belconnen was also undertaken.

The design process was driven quickly and efficiently by liaising with the client throughout the project. Information was quickly communicated to suppliers resulting in minimal delays across the delivery of components and installation of structures.

BMD Constructions were flexible in their approach, accommodating late changes and additions to the original scope.



ACTION Buses - Fuel Upgrade, ACT

FOOD PROCESSING

Sydney Malting Facility

Minto, NSW

Viterra has facilities across the world providing high quality malting ingredients to global manufacturers. The new Minto facility located in outer Sydney includes a 110,000 tonne per annum malting plant, a 120,000 tonne per annum grain cleaning facilities and a bulk container loading facility for road freight.

Engaged as the Managing Contractor, BMD Constructions was responsible for managing construction of all civil, structural, mechanical, process, electrical, instrumentation and controls.

Construction management of major structures including civil works, foundations, steelwork, cladding / insulation, pre-cast concrete, mechanical equipment (motors, conveyors, elevators, fans / pumps, compressors, condensers, heat exchangers and valves), and supervision and management of over 3 kilometres of underground services including chilled water, high pressure water, stormwater, trade waste, fire, gas, mains water and electrical.

BMD Constructions successfully coordinating 120 site staff across 18 different trade groups and fast tracked construction with site activities following 'for construction' drawings by only one month.



Sydney Malting Facility, NSW

OFFICE LOCATIONS



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