

Capital Expenditure support a success at Argyle Diamonds

SMP Engineering provided an experienced senior engineer to fast track capital equipment feasibility studies to assist Argyle Diamonds to develop a series of Capital Expenditure Applications (CEA).

CEAs were required as a part of the capital strategic plan, and included both fixed and mobile plant. Work conducted included determining Net Present Values (NPV), Internal Rates of Return (RoR) and payback periods on a variety of projects. Projects included the secondary crusher, gantry and mobile cranes (120 tonnes), specialised elevated work platforms, rotatable spares including scrubber drums and screens, scaffold and conditioning monitoring equipment.

Scope of Work

The work included obtaining pricing, generally from three suppliers, and representing the client in negotiations. As part of the pricing process SMP compiled the scopes of work to facilitate accurate tendering and provided support for suppliers queries both technical and commercial. Logistics inclusive of freight requirements and costing, item lead-time, fit for purpose and any modifications that were required prior to delivery to site were all managed by SMP for Argyle Diamonds.

Providing outstanding results for Argyle, SMP's Senior Engineer, Daniel Debattista, was also made responsible for the critical risk study process for a system process upgrade. This work included the review of environmental, financial, legal, Occupational Health and Safety, reputation and social factors.

Contact Us

Call the team at SMP Engineering for all your structural, mechanical and piping needs on 9412 8000. More project case studies can be viewed at www.smpeng.com.au

Project Key Facts

Project Owner

Rio Tinto

Project

CEA Support

Client

Argyle Diamonds

Value

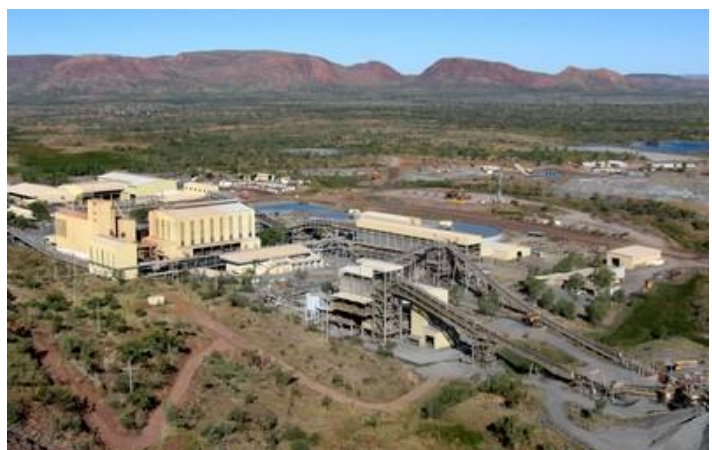
~ \$3M AUD

SMP Scope

Engineering

Project Outcomes

- + Incident Free
- + CEA development
- + Bid packages
- + Negotiation support
- + Logistics management
- + Risk review
- + ROI review



CS_J0128_ADMCEA_02

Structural+Mechanical+Piping+Engineering