



## Robert Parker

### Profile

Rob Parker is a Civil Engineer with over 30 years experience Civil Engineering construction industry. This has been gained with leading contractors and more recently as a self employed Civil Contractor and consultant. His involvement continues to be with the procurement, estimating and execution of civil engineering projects in Australia and overseas.

His strengths lay in both Project Management and design with a strong emphasis on practical experience in construction and innovative thinking to ensure cost effective design and project implementation and completion. His ability to secure Client confidence enhances the success of the project.

He has managed construction of dams, major freeways, roadworks, bridges, building works and industrial infrastructure, with an emphasis on timely completion of a quality end product. More recently he has focused upon Dam construction both in Australia and Internationally.

### SAMPLE OF SIGNIFICANT PROJECTS:

#### ❖ Roller Compacted Concrete Dam, Eritrea and Vietnam

Provision of construction advice and control for 90 metre high roller compacted concrete Tokor Dam for Eritrean Ministry of Construction, built to provide drinking water supply to Asmara. Also Hydro Dams in Vietnam up to 4 million cubic metres in RCC including materials selection

#### ❖ Construction of other RCC Dams in Australia

Provision of project management services to assist in the construction of Cadiangullong Dam for Barclay Mowlem; construction of Perry River Dam for Clough Engineering; construction of Lower Molonglo Water Quality Control RCC Dam for Fletcher-White Industries JV; upgrade of Nepean Dam Spillway & Dam Buttrressing for White Constructions.

#### ❖ Construction M5 Toll way (West)

Provision of project management services to assist in the construction of M5 Tollway (western section) for Leighton Contractors

#### ❖ Construction of Nepean Dam Spillway

Increasing the flood capacity of Nepean dam by excavating and relining the existing spillway plus buttressing the existing dam and constructing anew Ogee crest.

#### ❖ Construction of Berrima Bypass, NSW

Earthworks, drainage and pavement construction for 10 kms of dual carriageway including 11 bridges, 2.8 million m<sup>3</sup> earthworks and 110,000m<sup>3</sup> of concrete.

#### ❖ Prestressed Concrete Australia

Several years experience in the design of post tensioned building and water retaining structures

### QUALIFICATIONS

- ♦ Master Of Engineering Science, UNSW
- ♦ Bachelor of Engineering (Civil) University of NSW 1974
- ♦ Member, I.E.Aust

### RELEVANT EXPERIENCE

- ♦ Director RPE 17yrs
- ♦ Project Manager 6 yrs
- ♦ Project Engineer 3 yrs
- ♦ Site Engineer 3 yrs
- ♦ Design Engineer 4 yrs

### COMPETENCIES

- ♦ Tender and Estimate preparation in Water and Sewerage Treatment, Mass and Reinforced Concrete, Earthworks and Pavements – Use of Expert Estimate and CATS.
- ♦ Experienced in Alliancing, Partnering and Hard Dollar Contracting
- ♦ Dam construction, feasibility, costing. Including Earth, zoned type and mass concrete
- ♦ Roller Compacted Concrete Dam methods, material selection and mix design.
- ♦ Concrete and Flexible Pavement methods
- ♦ Project Management, planning and programming - Use of SureTrak
- ♦ Quarry Development and crushing.
- ♦ Cost effective design and construction development
- ♦ Structural Engineering of reinforced concrete, steel and timber – Use of Microstran and AutoCAD
- ♦ Site establishment and monitoring of projects
- ♦ Client Relations
- ♦ Cost and Time performance monitoring on projects
- ♦ Contract Claims preparation and assessment.
- ♦ Environmental & OH&S management knowledge

### CONTACT

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