

# Millennium Arts Project

## South Brisbane, Queensland



### Client

Department of Public Works,  
Queensland Government

### Value

\$291 Million

### Appointment

Managing Contractor

### Architect

Architectus, Donovan Hill Peddlethorp

### Completion Date

October 2006



Millennium Arts Project (MAP) is Queensland's largest capital works project in the arts for three decades. At a cost of \$291.3 million, it is the largest investment in arts infrastructure in the state and has three distinct components: the new Queensland Gallery of Modern Art, the redevelopment of the State Library of Queensland and extensive associated Site Infrastructure Works.

Bovis Lend Lease won the contract in July 2003 on the back of its global experience managing large public projects and its demonstrated expertise in leading-edge environmental and social sustainability. As Managing Contractors, Bovis Lend Lease managed the design and construction process providing innovative solutions in sustainability, logistics and project management to deliver the world-class cultural centre.

Completed in September 2006, the scope included the construction of a new 26,000m<sup>2</sup> stand alone Gallery of Modern Art, the refurbishment of the State Library (doubling the size to

28,000 m<sup>2</sup>) and Site Infrastructure Works encompassing 40 different external elements. These included construction of new entrances for the existing Queensland Museum and Queensland Art Gallery, pedestrian walkways, viewing corridors, car parking for an additional 71 vehicles and plant and energy services to ensure connectivity between the buildings.

Meeting the project's strong practical focus on environmental sustainability, Bovis Lend Lease has integrated state-of-the-art initiatives and ground-breaking new technologies that are setting sustainability benchmarks in Queensland. There are two specific environmental initiatives that stand out: a chilled beam air-conditioning system and a river cooling system. The passive chilled beam system will reduce energy consumption in the State Library by up to 30 per cent. Many additional green, reduction, reuse and recycling initiatives were also adapted during construction.

Converting the abandoned demolition site was one of the project's significant challenges and included the decontamination of

the former industrial area, removing 24,000m<sup>3</sup> of contaminated material from site. Bovis Lend Lease set a waste recycling target of 60 per cent for the project, but figures from the project showed waste being recycled at an impressive rate of 81 per cent.

As well as ensuring environmental sustainability, extensive community consultation focused on social sustainability to preserve the cultural and historic value of the site. It involved a broad range of community representatives, Native landowners and other Indigenous stakeholders, researchers, corporate, regional and rural representatives.

In a commitment to Queensland's job and industry growth, the project generated 2900 jobs for Queensland with the onsite workforce peaking at 900. Onsite training with apprentices and trainees totalled 194,190 hours.

Through the successful delivery of the project, Bovis Lend Lease has exceeded the objective to deliver a world-class cultural centre while maintaining a balance between the project's economic, environment and social expectations.