

5 October 2010

David Hoy
Urbis
Level 21, 321 Kent St
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Australia

Dear David,

Sydney Showground Main Arena (Showground Main Arena) – ESD Design Initiatives.

This ESD Design initiative overview relates to the redevelopment of the Sydney Showground Main Arena (Showground Main Arena) within Sydney Olympic Park to allow for its enhanced use as a multi-purpose cultural and sporting event venue.

In summary, the Project Initiatives will include environmentally sustainable components throughout the various trades. These items include –

1. Electrical Services

Lighting specifications shall include high efficacy lamps and luminaires throughout the facility with programmable controlling infrastructure. The new electrical infrastructure will include monitoring and meters to ensure the facility can review the energy use for all major areas of the project.

2. Mechanical Services:-

Where possible natural ventilation will support most areas of the facility, where mechanical systems are required to support function spaces these will include high efficiency filters, and appropriate measures to support high levels of indoor air quality and thermal comfort.

3. Hydraulic Services:-

All new amenity areas will be equipped with AAAA tapware and appliances will be specified for all sinks and basins, AAA shower heads and water efficient WCs and urinals. Sub meters will be specified on all major water uses in the facility.

4. General

The design will also seek to reduce the total PVC content cost for major services elements (pipes, conduits & cables) by replacing with alternative materials.

Regards,



Matt Magraith