

OUTLINE CONSTRUCTION MANAGEMENT PLAN

FOR

PARKES HOSPITAL
(LAHCLAN HEALTH SERVICE)

STATE SIGNIFICANT DEVELOPMENT APPLICATION



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Revision	Description	Date
1	Issued to JBA for comment	13 December 2013
2	For SSD	7 January 2014

1. PURPOSE

This Outline Construction Management Plan has been prepared for the proposed Parkes Hospital development to support the project's State Significant Development (SSD) Application.

2. PROJECT OBJECTIVE

The objectives of the Lachlan Health Services Project, which includes the Parkes Hospital development, is to provide contemporary healthcare facilities suited to the current and future needs of the catchment population, and to provide capacity to support the agreed scope of clinical care in an environment that facilitates the delivery of contemporary health services.

Facility function should allow efficient bed utilisation and staffing to better meet the current and future needs of Forbes and the surrounding community.

3. PROPOSED WORKS

The scope of the Parkes Hospital project is summarised as follows:

- Early Works including site preparation and bulk earthworks
- Construction of a new two-storey approx 9,000 sqm hospital building, including:
 - 28-bed inpatient unit;
 - Birthing unit;
 - Emergency Department;
 - Community and Ambulatory Care zone, including 6 chemotherapy chairs and 3 dental chairs;
 - Clinical Support Services, including Pharmacy; Pathology Laboratory and Medical Imaging; and
 - Non-clinical support services, including a Linen Distribution Centre for the district.
- Construction of single storey (approx 120 sqm) short-stay staff accommodation building.
- Access roads and circulation.
- On-grade car-parking for approximately 140 vehicles.
- Landscaping.
- Associated site infrastructure works.

4. CONSTRUCTION DATES

Construction of Parkes Hospital is programmed from June 2014 to early 2016.

5. CONSTRUCTION MANAGEMENT PLAN COMPONENTS

The Plan covers the following areas of Management:

- a. The operations of site management when undertaking the works:
 - Legislative requirements;
 - Hours of construction works; and
 - Public fencing

- b. Mitigation to minimise amenity and environmental impacts:
 - Noise;
 - Dust management
 - Odour Control;
 - Protection of Trees;
 - Vibration management;
 - Soil and erosion control.
- c. Traffic management;
- d. Waste management;
 - Construction
 - Storage of dangerous goods;

6. OPERATIONS OF SITE MANAGEMENT

The Works will be undertaken by a Principal Contractor.

All Statements and proposals documented in this Construction Management Plan will be reviewed at the time of contract award for the Works to ensure alignment with the proposed methodologies and construction staging of the preferred contractor.

6.1 Legislative Requirements

The Works will be undertaken in accordance with the following legislative requirements and any others that must be complied with in carrying out of the works as required:

- Protection of the Environment Operations Act and Regulations;
- Approved Methods for the Modelling and Assessment of Air Pollutants in NSW (EPA);
- Environmentally Hazardous Chemicals Act 1985;
- Protection of the Environment Administration Act and Regulations;
- Work Health and Safety Act 2011;
- Australian Standard 2601-2001: Demolition of Structures;
- Code of Practice for the Safe Removal of Asbestos (NOHSC:2002 (1998));
- Guide to the Control of Asbestos Hazards in Buildings and Structures (NOHSC:3002 (1998));
- Resource and Recovery Act 2001;
- Environmental Planning and Assessment Act 1979;
- Heritage Act 1997;
- Local Government Act 1993;
- Applicable aviation standards eg CASA requirements;
- Occupational Health and Safety Act 1983;
- Soil Conservation Act 1983.
- Australian Standard 4970-2009: Protection of Trees on Development Sites.

6.2 Hours of Operation

The following hours of operation apply to the Works:

- Monday to Friday: 7:00am to 6:00pm
- Saturdays: 7:00am to 4:00pm

- Sunday and Public Holidays: No work

6.3 Public and Property Protection

Appropriate hoarding/fencing (as specified in Australian Standards and Workcover requirements) will be installed to prevent public access to the site and to maintain security for the works.

Construction vehicular access gates will be erected inside the site. These gates will be manned by traffic control staff during site operation hours and will be locked shut when site is closed.

These public and property protection measures will be reviewed at the time of contract award for the works to ensure alignment with the contractor's preferred methodologies and to ensure that the safety of the public & staff is maintained at all times during the works.

7. ENVIRONMENT & AMENITY

The contractor undertaking the Works will be required to submit for approval to the Principal a comprehensive Environmental Management Plan (EMP) to ensure that all elements of the plan meet all statutory requirements as well as NSW Health's requirements.

As a minimum, the erosion and sediment controls for the Works shall be designed, installed and maintained in accordance with the requirements provided by the project engineering consultants.

The environmental performance of the contractor will be monitored throughout the Works.

The following specific environmental management principles will be implemented on site:

7.1 Noise and Vibration

The contractors undertaking the works shall be required to comply with the requirements of the *Construction Noise and Vibration Management Plan* prepared by Wood & Grieve that is included in the SSD Application.

7.2 Dust

To control dust generation water will be sprayed where necessary at the source of origin and surrounding areas to prevent airborne dust particles migrating into the surrounding environment. Management of dust prevention is to be developed by the contractor and agreed by the project stakeholders.

Additional precautions that will be implemented during the Works include the covering of all haulage trucks with tarpaulins and monitoring of weather conditions (including wind). Management and contingency plans will be developed to prevent any foreseeable impacts from dust.

7.3 Odour Control

All plant and machinery on site will be regularly serviced and checked for exhaust emissions and catalytic converters.

7.4 Protection of Trees

The contractors undertaking the works will be required to comply with the requirements of the *Arborist Report* prepared by Steve McGrath Tree Service and the *Biodiversity Assessment* prepared by FloraSearch that are included in this application.

7.5 Stormwater Management

The contractors undertaking the works will be required to comply with the requirements of the *Stormwater Management Plan* prepared by Mott Macdonald that is included in this application.

8. TRAFFIC MANAGEMENT

The contractors undertaking the works will be required to comply with the requirements of the *Traffic Impact Assessment* prepared by GTA that is included in this application.

9. WASTE MANAGEMENT / RECYCLING PRINCIPLES

9.1 Construction

The contractors will be required to recycle and reuse where possible. The contractors will be required to arrange for the sorting and recycling of waste materials and packaging to ensure maximum recycling is achieved. The contractor will be committed to achieving compliance with the EPA guidelines.

9.2 Storage of Dangerous Goods

Dangerous goods (such as petrol, diesel, oxy-acetylene, oils etc.) will be stored in a lockable compound with sufficient ventilation in accordance with relevant codes of practice and standards. Material safety data sheets on all of these flammable and potentially harmful liquids will be provided by the contractor undertaking the Works.

Geotechnical and Soil Classification Reports have been undertaken by Douglass Partners.

These reports will be used as the basis for identifying and managing the removal of any contaminated materials identified during the Works. An 'Unexpected finds' protocols will be implemented to manage any materials identified during works.

Document Ends
