

Part D

Works Description

Cudgegong Valley Public School

Install Bus Shed

2023

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1. Preamble

This scope of works is to be read in conjunction with Conditions of contract, Special conditions of contract and if any, plans and specifications supplied by DoE Assets Management Unit.

The contractor is required to visit the site and make themselves fully aware of the site, site conditions, all and any dimensions detailed within are to be considered indicative only and accuracy remains the responsibility of the contractor to confirm on site.

The contractor must ensure that the existing facility remains functional. All damage caused during the construction project will be rectified at the contractor's expense.

2. Description of the work

The work includes install a new bus shed (8000mm wide x 10000mm Long x 3500mm eave) next to the OOSH Building, building a driveway for access and arrange relevant development approvals from Mid-Western Regional Council for right of way.

2.1 Development Application

- Arrange all necessary council development applications before construction commence. E.g. Development approval, construction certificate.
- Provide all design of the concrete slab, driveway, shed and electrical works for approval prior to construction.
- Conduct electrical scan on all underground services and dial before you dig before construction commence.

2.2 Concrete Slab

- Refer to ESFG DG96 Civil Works for details
- Conduct Geotechnical report for the site and comply with the requirements of the geotechnical report for the site.
- Concrete slab must comply with the requirements of all relevant authorities, especially the local Council, i.e. Mid Western Regional Council.
- Concrete Slab is to be designed for trafficked by buses with a minimum 5 x 105 repetitions of a standard axle load, as defined by AUSTROADS. (Refer to ESFG DG96)
- Breccia or dolerite is **not** to be used in road base or concrete mix.

2.3 Driveway and Right of Way

- Driveway to be constructed in accordance with the Development Approval conditions. Take into consideration the requirements of kerb, gutter and stormwater drainage as necessary
- Driveway is to be designed for trafficked by buses with a minimum 5 x 105 repetitions of a standard axle load, as defined by AUSTROADS. Other vehicular traffic areas design for 1.0 x 105 repetitions of a standard axle load. (Refer to ESFG DG96)
- Attached the proposed bus specification – school's intended to use for easy reference.
- Allow for movements in the foundations caused by moisture variations and mine subsidence.
- Design rigid pavements so there is no vertical differential movement between panels at joints.
- Non-skid finish for vehicular trafficked pavements
- Non-slip finish for pedestrian trafficked pavements, including shed slab

2.4 Shed

- Roof
 - Roof sheets to have a minimum thickness of 0.48 bmt Trimdek Profile
 - Safety wire under the roof to be installed
 - Access points for roof surfaces maintenance
 - Insulation – one layer of double -sided foil laid under bulk insulation such as polyster or mineral wool with a 1.5 R-value, is to be pressed against the underside of the roof sheeting by means of wire stretched tightly over the purlins.
 - Bird proof design is required
 - EFGS DG27 Roofing is provided for reference
- Vertical Wall sheets to have a minimum 0.48 bmt Trimdek Profile
- Barge flashing – suit all roof pitch's Trimdek Profile
- Gutters – high front slotted quad gutters
- Downpipes – install downpipes and connect to the existing stormwater pit/s
- Vents – Rotary Roof 300 diameter approx.
- Roller doors – 2 x roller doors B& D Firmadoor, "R1F-W/Lock-Drive Through" (3000H x 3020W Cir Open); plus electronic access (motor and remote controls x 2)
- Access Door – standard 2040 x 820 Colourbond and lock
- Colour choice to be discussed with DoE, Principal onsite at the start up meeting.

2.5 Electrical works

- Install 2 x double powerpoints
- Install 4 x LED light fittings inside the shed
- Install 2 x floodlights (on sensor)
- All associated electrical works to ensure power is supplied to the shed.

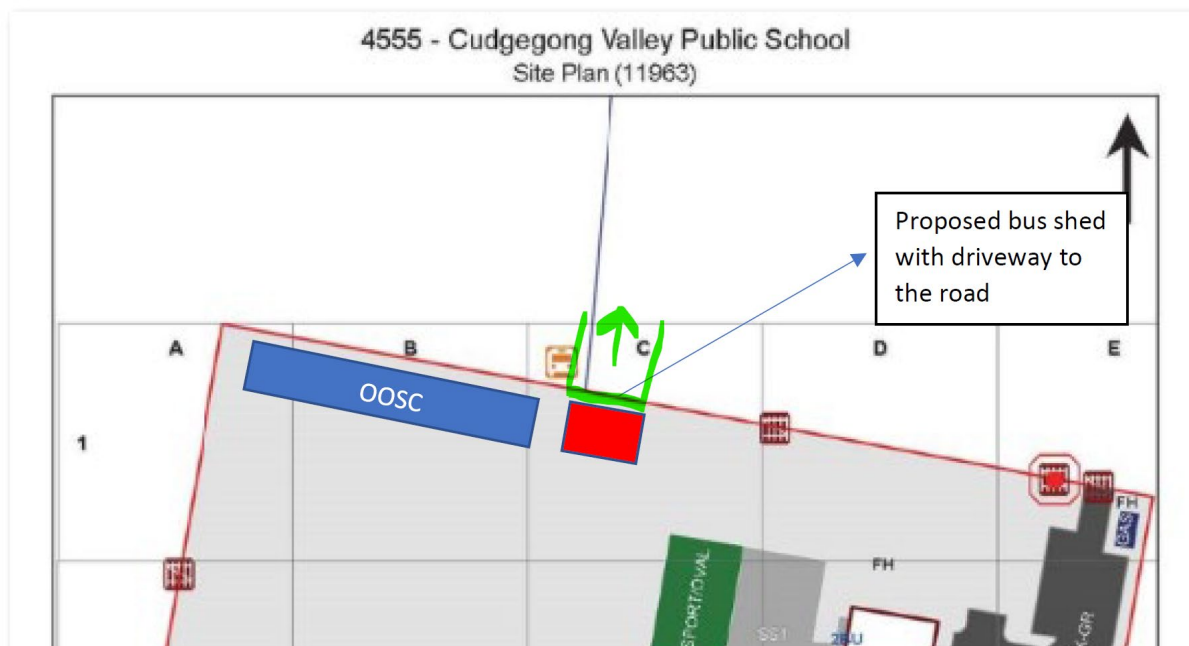
2.6 Gates for the school boundary

- Install steel mesh gates at the end of driveway (where the school boundary fence locates), to match existing boundary fence.

2.7 Grounds

- All disturbed soils and grass to be made good with new turf at the conclusion of the construction.

3. Site Plan



4. Completion

Upon Completion of the work, the contractor must provide a compliance certificate confirming that the building/shed was installed to the manufacture's specifications.

Upon completion of the work, the contractor must ensure all debris, rubbish, excess plant, materials and equipment from the site has been removed and the entire work area is left in a safe condition. All debris is to be disposed of at a recognised waste disposal facility in accordance with Local Council regulations and environmental requirements. Remove of all safety fencing, barricades and construction signage.

Prior to handover the contractor is to ensure that the following documents are submitted to the Principal of the contract in accordance with the Preliminaries outlined in the contract documentation.

Operation and/or Maintenance Materials/Manuals	✓
Compliance and Test Certificates	✓
Guarantees	✓
Works as Executed Drawings (CAD & PDF File Format)	<input type="checkbox"/>
SS010 Asset Data Capture Register	✓
AMS Spatial Layouts changes to AMS Site Layouts	✓
Hazardous Materials Report/Clearance Certificate	<input type="checkbox"/>