

REQUIREMENTS - CONSTRUCTION OF EMERGENCY MANAGEMENT STORAGE FACILITY

Location - Orange Agricultural institute 1447 Forrest Road Orange

General Requirements

- Storage Facility needs to be to the Australian Building Code – ~~Class 10a~~ **Class 7b**
- Storage Facility needs to be snow load rated
- Storage Facility must be lockable
- Storage Facility colour: Zinc
- ~~Quote must allow for 4 levels of pallet racking along back wall with 4 load points distributed throughout slab~~
- UB Columns to be quoted. **Cold rolled columns & rafters will also be acceptable if engineering design is adequate**

Slab

- 150mm thick with footings to plan
- F82 mesh in slab
- 32MPA concrete
- Bored piers to M Class soil

Shed

Dimensions:

- 18m wide, 36m long, 6m high, floor area 648m², roof pitch 10°

Doors:

- 4 x roller doors motorised with remotes
- Each door 5m high x 5m wide
- Wind locks included on each roller door
- PA doors to be 920 wide standard shed doors with lever lock sets

Additional requests

- Wall Sheets: 0.42 BMT ~~Aluzinc~~ Colorbond (wall run vertical). No wall insulation
 - Roof Sheets – 0.42 BMT ~~Aluzinc~~ Colorbond.
 - Roof shed liner/blanket 50mm and safety roof wire to be included under roof •
 - Gutter: Fascia gutter slotted, PVC DP
- Optional price for vermin proofing to perimeter walls and doors**

Note Exclusions:

- Electrical power, wiring conduit, lighting, earthworks, pallet racking, driveway and paths, signage and fire extinguishers. **(These works are to be completed by the DPI)**

Design Requirements:

- Structural design for concrete slab & footings, Engineer certification
- Structural and workshop design for shed structure, Engineer certification
- Architectural design - floor plan, elevations and section detail
- professional indemnity insurance

Addendum 2 notes:

- Pallet racking will be supplied and installed by DPI. The intent is to ensure that the slab is designed to carry weight to allow for the installation of the racking and general storage
- Excavation was intended to be completed by the DPI. However, please provide optional price for excavation works - Site clearance of 100mm, proof roll the platform, excavate edge beams to a certain size with preparation of the slab to 150mm thick
- Exclude stormwater drainage - please allow for downpipes to finish at ground level. DPI will organize excavation and connection of the downpipes later as the intent is to purchase and install rainwater tanks to capture this water and overflow from there.
- The roof and wall sheeting profile will be Trimdek, or equivalent for this shed so as to match the existing adjacent shed.
- This shed will be a class 7 shed as this shed will be used for storage. A vapor barrier will need to be installed under the slab
- Location of the shed will be behind an existing shed. The coordinates for this shed are -33.322018114, 149.083459751
- Amenities will be provided for this project.
- Temp power supply for contractors is located in adjacent shed.

