

Request 1 for an estimate of cost for a certified shed design.

Also can you tell me if the portals can be 200 x 100 x 4 or 5mm galvanized RHS (my preference) or do we need to go to cold rolled C sections. The frame needs to be galvanized.

This brief is an initial wish list and I am open to discussion about suggested changes to any aspect of this specification. I would like the portal frame to be manufactured as galvanized RHS which is only available in Cairns from Tonkin as 200 x 100 x 4 and 5mm or 250 x 150 (expensive) x 4 and 5 mm. RHS is available in 8 m lengths. Its cheaper than cutting a 12 m length. Can we keep the portal rafter less than 8 m. I chose 15.24 and/or 16 m as these match cladding cover increments. I'd prefer not to have a knee brace (or only a small one) I'm happy to have an apex brace but would like to maintain a minimum 4.3 m height clearance inside the shed.

Address; 72 Roostey Road, Hopevale Qld 4895

Shed Location; 6 m west of an existing shed. Please see Shed location image of existing shed below.

General Description; Portal frame machinery shed

- 15.24 x 15.24 m (or 16.0 x 16.0 m) x 4.3 m eaves height,
- 10° roof pitch
- Doors 4.3 m high
- Wall sheeting to Gable end
- Concrete slab floor (100 mm th / SL72 on crusher dust and plastic with edge thickenings and crack control saw cuts?)
- 2.4 m aprons to doors with 80 mm fall
- Galvanised RHS portal frame with welded end plates and purlin and girt brackets. I am a competent boilermaker and can do this myself
- Can elements be kept less than 8.0 m in length, one of the available lengths from Tonkin
- RHS 200 x 100 x 4 & 5 mm is available in Gal which is my preference
- Minimum or no knee bracing.
- Metrol Z purlins, girts and trimclad cladding similar to the provided plans for the door design.
- Two barn doors opening to the north end of the building (across the portal span)
- A 3.0 m wide electric roller door x about 3 m high (to suit girt spacings) in the eastern end of the southern wall. (one wall sheet from the corner?)
- 0.48 mm Pale eucalypt trimclad roof material with purlins not more than about 1.0 m crs

Shed Location.

Below is the location plan for the previously constructed machinery shed. The location of the proposed new shed is due west of the existing shed with 5.5 m between the sheds and with the southern walls in line.

