

21st October 2020

Craig McDonald
Austen Quarry
391 Jenolan Caves Road
Hartley, NSW 2790

Dear Mr McDonald,

RE: Indicative pricing for completion of rehabilitation works on Austen Quarry site.

As per your email received on 21st October 2020, I've completed a review of previous revegetation works completed at the Austen Quarry site and investigated current pricing of materials for potential future projects. Based on this research, I can confirm that Skillset Land Works estimates that to supply and install 50mm tubestock on the site as part of large-scale revegetation works will cost approximately \$7 per tube but once we add in guard, weed mat and fertiliser treatment, the price will increase to around \$9 per plant excluding GST.

In addition, Land Works estimates that to complete direct seeding activity on the site using a direct tree seeding trailer will cost around \$350-\$400 per linear kilometer including supply of seed, freight and operator (excluding GST).

You have provided us with the following estimate of required works.

- Domain 1 – Extraction Area Domain (11.4ha total) – Planting of tube stock, direct seeding (endemic grass and shrub species) and application of fertilizer to reinstate woodland over 11.4ha (assumed 4m centres for tube stock which would require approximately 7,125 plants).
- Domain 2 – Overburden Emplacement Area Domains (8.8ha total) – Planting of tube stock, direct seeding (endemic grass and shrub species) and application of fertilizer over 8.1ha to reinstate woodland (assumed 4m centres for tube stock which would require approximately 5,060 plants). Note that approximately 0.7ha within Domain 2 has already been planted with tube stock.
- Domain 3 – Infrastructure Area (7.4ha total) – Direct seeding (pasture) and application of fertilizer over 4.7ha. Planting of tube stock, direct seeding (endemic grass and shrub species) and application of fertilizer to reinstate woodland over 2.7ha (assumed 4m centres for tube stock which would require approximately 1,700 plants over 2.7ha).
- Domain 5 – Yorkeys Creek Stockpile (5.4ha total) – Direct seeding (pasture) and application of fertilizer over 5.4 ha.

On the basis of the above, I estimate that you will have around 22 linear kilometres of direct seeding to complete, which at an upper limit of \$400 per kilometre would cost \$8,800 ex GST.

For the tubestock planting I estimate 13,885 stems in the ground, which at \$9 per stem would cost \$124,965 ex GST.

Therefore, your total estimated cost for revegetation works (plant install with fertilisation and plant protection, plus direct seeding efforts) is \$133,765 excluding GST.

Please note that these figures are indicative only and are based on our current understanding of the site and local constraints. Any formal project quotation will require a more detailed review of factors such as soil type, site access and any site preparation work to be completed prior to commencing revegetation.

If you have any additional questions, please don't hesitate to contact Land Works on the number below.

Yours sincerely



Graham Stirling
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