
From: Simon Brown <simon.b@tcl.net.au>
Sent: Tuesday, 29 January 2019 12:46 PM
To: Zakir, Steven <szakir@laingorourke.com.au>
Cc: Michael Bradburn <Michael.Bradburn@cox.com.au>; Hoy, Luke <LHoy@laingorourke.com.au>
Subject: RE: ETP Stage 1 Draft Conditions
Importance: High

Steven,

Further to our conversation just now, and to respond to the query below, and specifically item (a), we make the following comments:

- 400L advanced trees are at the very large end of stock availability at advanced tree nurseries (400L equates to around 5m in height, 100L is around 2.5m, 200L is around 3-3.5m)
- Typically only very limited stock is held at that size (and typically only in very commonly used street tree species), due to the cost and risks for nurseries to hold stock at that size
- To secure 400L size tree stock, it would be essential to pre-order the stock at least 12 months ahead and have the material grown to order (say from 45L or 100L stock). For rarer species, 2 or more years might be required to get material up to 400L size
- 400L sized trees are most typically planted on very high profile public space projects where an 'instant' impact is desired. On projects of the scale of the Uni Syd ETP development, 100-200L size is more typical for cost and practicality reasons. Deeper excavations and more elaborate planting methodology would be required for 400L stock to ensure the survival of these much more expensive plants. Very advanced trees often suffer a period of 'shock' after transplantation from nursery to site and new growth can often take longer to develop. Smaller tree stock with a smaller root ball planted in a well designed but more simple garden bed are often more likely to establish at the new location better and start new root and branch growth much more quickly with less problems.
- Regarding the species selected for this project, for some of the selected species, a 5m height would be close to its fully grown mature height (eg. Backhousia and Davidsonia). Most material (Davidsonia sp. – a bush tucker species - being the exception) would be readily available at 75L or 100L and could readily be grown up to 200L as required if stock was limited. Only the Jacaranda and the Tuckeroo are species that would be found in some nurseries at 400L size. Please find attached two stockists from two of the more reputable advanced tree nurseries in the Sydney region that indicates availability of the selected species.

While not impossible, supplying all the trees selected for this project at 400L size will present certain difficulties, particularly regarding supply of the material and presents unnecessary practical issues on site that would not be necessary, given smaller tree stock (100-200L as specified) will provide a tree at a similar height in most likely less than 5 years due to their ability to establish and grow more quickly after installation.

I hope this provides the response you require.

Regards,