

TOWN OF COTTESLOE



ORDINARY COUNCIL MEETING

ATTACHMENT

**ITEM 10.1.3A:
NIP TRIAL - EMAIL ADVICE FROM ARBOR CARBON
- AUG 2022 - REDACTED**

Emma Saikovski

From: [REDACTED]
Sent: Monday, 15 August 2022 11:57 AM
To: Emma Saikovski [REDACTED]
Cc: [REDACTED]
Subject: Re: Norfolk Island Plnes in Cottesloe
Attachments: AC_Q221219_ToC_220131 (1).pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hello Emma,

Sorry I was away last week on leave. Back in the office now. Pls see further info below.

I believe the best option and value for money will be to acquire data that can be used not only for benchmarking and monitoring change in condition of the NI Pine population...but also accurate measures of change in urban forest cover and condition of ALL trees throughout the Town. We will do this by acquiring airborne ArborCam data and undertaking some analysis of that data to provide real metrics and outputs.

Given we have baseline ArborCam data for the Town we will be able to measure precise change in condition and cover of each tree. The data can also be used for other applications...like delineating building footprints/dwellings, and species classification for biosecurity response (i.e. Polyphagous shot hole borer).

We have acquired the same data for numerous LGAs (e.g. Cities of Syd, Melb, South Perth, Melville etc.) and state govts (NSW DPI covering 22 Sydney LGAs) across Australia with a wide range of applications.

I therefore propose we quote on acquisition, processing and analysis of ArborCam imagery for early March 2023. This will be a 3 yr change since previous acquisition.

Pls see attached quote from last year. It will be similar to this...if you look at the options then I would suggest rather than a report you might like to go for the tree inventory as that will enable us to get individual tree audit data. We can then do some further analysis on change etc. which will make it approx 22K ex GST. Or we can include another year's subscription to the User Interface.

This will be a very valuable dataset going forward for the council. Happy to come in a demonstrate how we are using such datasets for other LGAs throughout Australia to manage their urban forest.

Hope that helps..all the best,



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