

Network Extension Quote Method for Tasmanian Trial

The following steps were followed to develop the quotes to extend the fibre network during the Network Extension trial in Tasmania for selected properties that border First Release Tasmania sites of Triabunna, Sorrell, Deloraine, St Helens and South Hobart.

A small number of properties were invited to apply to extend the fibre optic network to their premise. NBN Co is expected to recover the incremental cost of extending the network.

For those property owners who did request a quote, the following steps were followed to develop the cost of extending the network:

- Prepare a preliminary design from the closest network access point (suitable for the capacity needs requested and calculating the total Db loss to customer ensuring network solution is within fibre operating parameters) by road to customer address.
- Consider the safety and environmental factors of the proposed design and construction, including the costs associated with any approvals that are required.
- Consider the network extension construction type, aerial or underground, based on existing third party infrastructure, if any available.
- Determine the optimal network access architecture based on factors such as geography, location of existing infrastructure, volumes of services connected.
- Assess length of network extension and any new infrastructure required.
- Assess materials and services requirements for the construction project.
- Conduct a site survey to verify all existing and third party infrastructure identified for use, assess and prove underground infrastructure, measure and calculate aerial infrastructure loads and separation limits.
- Price the safety requirements for Construction, environmental controls, approvals and permits, inclement weather and access special requirements.
- Assess third party assets for costs of access and make ready requirements of their infrastructure.
- Agree with the Construction Manager; supervision requirements, quality and engineering resources, applicable for the works.

Following assessment of the above, a cost for the project was calculated using a Quoting Tool. Each quote was based on the exact location of the premise requesting the extension.

Property owners were issued with an invoice for the cost of extending the network to their property. The invoice covered four payments each representing 25% of the cost.