

18 May 2020

# Update on nbn Industry Consultation Paper: Options for establishing an industry-wide procurement process to make greater use of third-party fibre infrastructure

Thank you for your engagement and response to **nbn's** industry consultation paper: **Options for establishing an industry-wide procurement process to make greater use of third-party fibre infrastructure**

Following a review of the responses **nbn** sees merit in conducting a proof of concept involving a selection of commercial sites to allow interested parties to provide indicative quotes detailing relevant service costs and connection timeframes. The proof of concept will also show interested parties' understanding of **nbn's** expected technical and operational requirements as well as geographic demand, for dark fibre connectivity services.

The proof of concept will *not* include construction or connection of solutions quoted by participants.

## Proof of concept for supply of third-party dark fibre connections for enterprise services.

Respondents will be provided with a list of sites, varying from simple to complex builds, and a set of SLA and contractual obligations which would be a requirement to deliver **nbn** business grade services; Enterprise Ethernet and TC2 **nbn** Ethernet Bitstream Services (NEBS) over FTTP.

Interested parties will have 3 weeks to provide quotes for any or all the sites, as well as an indication of which SLA's they are able to meet, and which will be unable to be met. All costs of meeting the SLAs relating to assurance activities should be included in the quote, as well as details of assurance options and applicable delivery rebate SLAs if committed dates are not met. **nbn's** expectation is that a quote will consist of an upfront cost component and ongoing charges in respect of ongoing assurance activities and the cost of meeting SLAs.

It is not necessarily expected that all sites will be able to be served by all respondents, however the range of sites should provide all respondents some opportunity to demonstrate their most competitive offerings, where the procurement of third-party dark fibre connectivity services would be economical for both **nbn** and third-party providers.

To facilitate the proof of concept trial, we have included the list of SLAs that will be used in the trial in this document, however a full description of the SLAs associated with Enterprise Ethernet can be found in the [WBA – Enterprise Ethernet SLA Module](#).

## Next Steps

If you would like to participate in this proof of concept please register your interest by emailing James Endres ([jamesendres@nbnco.com.au](mailto:jamesendres@nbnco.com.au)). All industry participants will be required to sign a two-way non-disclosure agreement (NDA), which obligates **nbn** to only use participants information for the sole purpose of the proof of concept. Participants will also be required to acknowledge no quotes provided will result in an order by **nbn** for a dark-fibre connectivity service.

Once the NDA has been executed by **nbn** the list of sites and more detailed instructions will be emailed to all interested parties on a date no later than **8 June 2020**

Please reach out to James Endres, if you require further information or with any other queries regarding this consultation or the trial.

## Appendix 1: Service Level Agreements for the provision of nbn business fibre:

SLA	Enterprise Ethernet
Committed delivery date	Within 10 business days of order accepted
Connection date	Within 60 business days of order accepted
Service Restoration (Metro <u>or</u> if no site visit is required)	3 hours to support 4 hours for customer
Service Restoration (Regional)	17 hours to support 18 hours for customer
Service Restoration (Rural)	31 hours to support 32 hours for customer
Network availability	99.95%
Acceptable optical fibre types and optical connectors	<p>ITU G.652 D (11/2016) "<a href="#">Characteristics of a single-mode optical fibre and cable</a>" for DFN, FAN fibre.</p> <p>ITU G.657.A2 (11/2016) or G.657.B3 "<a href="#">Characteristics of a bending-loss insensitive single-mode optical fibre and cable</a>"</p> <p>Technical standards of optical connectors - if required (SC/APC, LC/APC, etc) for example: "<a href="#">IEC 61754-4 Type SC connector family</a>"</p>
Maximum optical loss per km	Maximum acceptable loss per km at 1310nm, 1490nm and 1550nm is 0.35, 0.24 and 0.21 dB/km respectively