

**Broadbanding
Australia**



Media Release

28 October 2010

Nokia Siemens Networks selected for optical transmission equipment

NBN Co, the company set up to design, build and operate Australia's national wholesale-only, high-speed broadband network, today announced it has awarded a contract to Nokia Siemens Networks to supply optical transmission equipment for the new fibre network.

Head of Corporate Services, Mr Kevin Brown, said the proposed initial purchase order with Nokia Siemens Networks will be for \$10 million and include the acquisition of test laboratory equipment and systems to support early release sites. The potential value of the contract is up to \$400 million over ten years.

"Dense wavelength division multiplex (DWDM) optical transmission equipment is used in many other telecommunications environments. Awarding this critical contract is essential to enable reliable high-speed transmission of large volumes of information," Mr Brown said.

"Nokia Siemens Networks is a high-quality global and local supplier of equipment and services and employs over 600 people in Australia, with offices in Sydney and Melbourne. Their proven track record in Australia, utilising local expertise combined with global capability, is a sound starting point in the future of our partnership," he said.

Optical transmission equipment will be used to provide connectivity between fibre access nodes (FAN sites), aggregation sites and points of interconnect (POIs). It is used to cost-effectively span long distances and to provide additional capacity on links where fibre is leased from a third party.

Transmission systems are typically designed in rings to provide two paths to every site which gives protection in the event that the fibre is cut or damaged on one path. Numerous metropolitan and regional rings are required to carry traffic from a few tens to thousands of kilometres. Several long-distance rings spanning thousands of kilometres will be required to link remote locations to POIs in WA and the Northern Territory, for example.

MEDIA INQUIRIES: Rhonda Griffin – 0428134401