



Specification No. 1184
Tuggerah 330/132kV Substation
Civil and Electrical Works for the Construction and
Commissioning of 132kV Switchbay

Summary of Specification

The following summary indicates the general nature of the work for which TransGrid desires tenders to be submitted. It is issued to enable an assessment to be made whether the Specification documents should be obtained from TransGrid for tendering purposes. It does not form part of the Specification and must not be included as part of your offer.

The Specification documents are available for download or if requested a CD will be issued to an intending Tenderer for a non-refundable fee of \$220.

Extent of Work

The Works required under this Specification cover the provision of the construction and connection of a new 132kV switchbay for connection of an additional EnergyAustralia circuit. The new 132kV switchbay will be located at the south eastern corner of the existing bench and connect to the existing busbar.

- The works are wholly based on TransGrid designs and include, but are not limited to the following:
- Installation of piles, excavation and construction of pile caps for switchbay equipment and landing span gantry,
- Extension of existing earthgrid as required,
- Extension of existing cable trench and switchyard drainage,
- Erection of steel works for landing span gantry and post insulators for Voltage transformer,
- Erection of steel works for Disconnectors and Earth Switch,
- Installation of Disconnectors and Earth Switch, Post Insulators and Voltage transformer,
- Earthing of all equipment and connection to earth grid,
- Installation of Marshalling Kiosk,
- HV and LV connection between all equipment including connection to the existing busbar,

- Installation of secondary wiring between the switchbay equipment, Marshalling Kiosk and control and protection panels in the Auxiliary Services Building.

Procurement and supply of all items, plant and equipment required to complete the works except for those supplied by the Principal.

Contract Period

Possession of Site is intended to be given within 14 days after the date of the Letter of Acceptance and is to be completed within 120 days from Possession of Site..

Mandatory Site Inspection

A mandatory site inspection will be held on Wednesday 7 February, 2007 commencing 11.00 am at the Tuggerah Substation which is located along Lake Rd approximately 1km north of Tuggerah Railway Station .

Note that tenders will not be accepted unless the Tenderer has attended the mandatory site inspection.

Contract Closure

Tenders shall be lodged by utilising TransGrid's eTendering website at www.transgrid.com.au, or by hard-copy, in a sealed cover with the Specification number and title clearly endorsed thereon, including a duly signed and dated paper copy of the Form of Tender and **all** completed Schedules in TransGrid's Tender Receptacle located on Level 12, 201 Elizabeth Street, (Cnr Park and Elizabeth Streets), Sydney, NSW 2000 before 2.00pm (Sydney Time) on **Tuesday, 27th February 2007**.

Further information may be obtained from Daniel Sartor on telephone (02) 9284 3351.