



Specification No.1302

Coffs Harbour Transformers Refurbishment and Relocation to Narrabri Substation

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 to be carried out by the Contractor, under this Contract, shall include:

Separable Portion 1

Transformer T3118 located at TransGrid's Coffs Harbour 132/66 kV Substation in dismantled state:

- Site Establishment at Coffs Harbour Substation
- Prepare transformer, cooler bank and all accessories for transport
- Transport to Contractor's Works for refurbishment in accordance with Section 2 Transport
- Oil testing and any other testing deemed appropriate
- Bushing testing
- Dismantle, inspect externally and internally, sample winding insulation paper and determine DP and prepare condition assessment report
- Undertake specified refurbishment work
- Undertake recommended refurbishment work approved by the Superintendent's Representative
- Transformer testing
- Short-term storage (up to 6 months) at the Contractor's Works if directed by the Superintendent's Representative
- Long-term storage (up to 12 months) at the Contractor's Works if directed by the Superintendent's Representative
- Preparation of the transformer for transport to Narrabri Substation
- Transport to Narrabri Substation in accordance with Section 1.2 Transport
- Site Establishment at Narrabri Substation
- Erection in accordance with Section 1.4 Transformer Erection
- Prepare all OHS and Environmental management plans for the above works

Separable Portion 2

Transformer T3117 located at TransGrid's Coffs Harbour 132/66 kV Substation in No.1 Transformer compound:

- Site Establishment at Coffs Harbour Substation
- LV testing and oil testing
- Dismantle transformer (currently located in transformer bund) and prepare transformer, cooler bank and all accessories for transport.

- Dispose of oil
- Transport to Contractor's Works in accordance with Section 2 Transport
- Bushing testing
- Dismantle, inspect externally and internally, sample winding insulation paper and determine DP and prepare condition assessment report
- Undertake specified refurbishment work
- Undertake recommended refurbishment work approved by the Superintendent's Representative
- Factory testing
- Short-term storage (up to 6 months) at the Contractor's Works if directed by the Superintendent's Representative
- Long-term storage (up to 12 months) at the Contractor's Works if directed by the Superintendent's Representative
- Preparation of the transformer for transport to Narrabri Substation
- Transport to Narrabri Substation in accordance with Section 1.2 Transport
- Site Establishment at Narrabri Substation
- Erection in accordance with Section 1.4 Transformer Erection
- Prepare all OHS and Environmental management plans for the above works

Works not in this Contract and will be carried out by others include:

- Make HV connections to T3118 and T3117 at Narrabri Substation
- Make LV and earthing connections to T3118 and T3117 at Narrabri Substation
- Complete HV testing of T3118 and T3117 at Narrabri Substation

Mandatory Criteria

The following criteria are mandatory for further consideration of Tenders submitted. Tenders which do not comply with the following requirements will not be considered

- a) Attendance at a mandatory site inspection meeting at the existing Coffs Harbour Substation. Refer to Clause 1.1.11.3 for details of the site inspection.
- b) All technical schedules shall be submitted complete with the tender.
- c) Tenders must be for the whole of the works specified. Tenders for only part of the work will not be considered.
- d) The tender price submitted must be FIRM (i.e. not subject to adjustment for variations in cost.
- e) Submission of Works program
- f) Submission of proposed organisational chart for the Works, including CV's and description of roles of nominated personnel.
- g) A Corporate OHS Management System that meets the requirements of the NSW Government "Occupational Health & Safety Management Systems" Guidelines 4th Edition and accredited or willing to be accredited by TransGrid in accordance with 1.6.2.1.
- h) Nomination of a Principal Contractor who will be appointed for the duration of project activities at Narrabri and Coffs Harbour Substations in accordance with Clause 1.6.2.2.

Accreditation provided by TransGrid will be issued specifically for Works to be undertaken for TransGrid only.

Site Inspection

A mandatory site inspection will be held on:

- Friday 28 May 2010 commencing at 11:00am at the Coffs Harbour 132/66kV Substation (Upper Orara Road, Karangi)

Further information on the site inspection can be obtained by telephoning, Mr Dany Gittani, Project Manager on (02) 8204 6362. It is mandatory that all parties interested in tendering will attend the site inspection.

Contract Period

The Contract has been divided into two (2) separable portions to enable parts of the Works to be completed at varying times.

Separable Portion 1: Refurbishment and Transportation of Transformer T3118

Separable Portion 2: Refurbishment and Transportation of Transformer T3117

Item	Separable Portion 1	Separable Portion 2
Possession of Site	Within 2 Weeks of the Acceptance of the Tender.	Within 2 Weeks of the Acceptance of the Tender.
Date for Practical Completion	Within 20 Weeks after Possession of Site.	Within 40 Weeks after Possession of Site.

Contract Closure

Tenders shall be lodged by utilising TransGrid's e-Tendering 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 of the Form of Tender and **all** completed Schedules in TransGrid's Tender Receptacle located at 200 Old Wallgrove Road, Eastern Creek NSW 2766 before 11.00am (Sydney Time) on **Tuesday, 15 June, 2010.**

Further Information

Refer all requests for information in writing to TransGrid's representative:

Dany Gittani : Tel: 02 8204 6362
Mob: 0427 217 759
Fax: 02 8204 6370
e-mail: Dany.Gittani@transgrid.com.au

For enquiries of a commercial nature, refer requests for information to:

Peter Hession: Tel 02 9620 0261
Fax 02 9620 0214
Email Peter.Hession@transgrid.com.au