

TransGrid
Specification and Contract No. 1298

**PALISADE SECURITY FENCES AT MURRAY
SWITCHING STATION, GADARA, GUTHEGA & WAGGA
132kV SUBSTATIONS,
and BALRANALD 220kV 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 a non-refundable fee of \$220.00. The Specification documents can be downloaded, or if requested a CD will be issued to an intending Tenderer.

Extent of Work

The Work under the Contract is detailed in this part of the Specification, which is generally sectionalised as follows:

- Section 1 - General and Ancillary Services
- Section 2 - Technical Requirements

The Works covers the Manufacture (partial), Supply (partial), Installation and Maintenance of Palisade and Security Fencing at the Principal's following substations:

SEPARABLE PORTION	SUBSTATION
Separable Portion 1	Murray 330kV Substation (partially erected)
Separable Portion 2	Gadara 132kV Substation
Separable Portion 3	Guthega 132kV Substation
Separable Portion 4	Wagga 132kV Substation
Separable Portion 5	Balranald 220kV Substation

The Works include the design (partial), supply (partial), fabrication (partial), transport to site, construction, testing and commissioning of Palisade security fencing at the Principal's Murray, Gadara, Guthega, Balranald and Wagga Substations.

The Principal has supplied part of the fencing equipment and materials.

In addition to the above the Contractor shall undertake site surveys, geotechnical investigations, preparation, removal and disposal of existing fencing, installation of new fences and remediation of the sites.

The Works shall be designed and constructed to comply with relevant Australian Standards, the requirements of Australian Regulatory Authorities, the Building Code of Australia, other relevant Standards and with this Specification and drawings. This work will include, but is not be limited to, the following items:

- a) Supply and installation of fencing and gates as detailed in drawings and specification, and removal and disposal of redundant fencing,
- b) Obtaining all regulatory and authority approvals.
- c) Procurement and supply of all items, plant and equipment required to complete the Works except for those Principal-supplied items listed in Clause 1.1.11 of this Specification.
- d) Preparation of technical data and test reports for Contractor-supplied plant and Equipment and forwarding to the Principal for review.
- e) Collection, co-ordination, packaging, loading and unloading, transporting to site, and handling of all materials, both Principal and Contractor-supplied, required to complete the Construction of the works,
- f) Provision of all facilities required by the Contractor to complete the works, eg offices, sheds, storage facilities, toilets, telephone, power, etc, and their removal upon completion,
- g) Site surveying and setting out of the works and Geotechnical investigations at all sites,
- h) Clearing of materials presently on the site, including any demolition required for installation and subsequent reinstatement, and reinstatement of disturbed areas,
- i) Clearing of vegetation (including trees) necessary to construct the fence,
- j) Maintenance of the integrity of the Substation fence at all times,
- k) Dismantling and removal of any redundant fencing and equipment,
- l) Preparation and issue of a complete set of as-built drawings, at practical completion of each separable portion.
- m) Preparation and issue of Operating and Maintenance Manuals for the security fence system.

Contract Period

Practical Completion is required within 6 weeks of Possession of Site for Separable Portion 1, and within 8 weeks of POS for each of Separable Portions 2, 3, 4 & 5.

Contract Closure

Tenders shall be lodged by utilising TransGrid's eTendering website at www.transgrid.com.au, or a hard copy may be placed in TransGrid's Tender Receptacle located in the Administration Building at Metropolitan Area Centre 200 Old Wallgrove Road, Eastern Creek NSW 2766 before **11.00am Tuesday 22nd June 2010**.

Mandatory Site Inspection

The program of mandatory site inspections is in the table below:

SUBSTATION	ADDRESS	SITE INSPECTION DATE	SITE INSPECTION TIME
Guthega 132kV Substation	Guthega Rd Guthega	Tuesday 25 th May 2010	12:00pm
Murray 330kV Substation	Off Alpine Way Khancoban	Wednesday 26 th May 2010	8:00am (may commence on the Tuesday afternoon)
Gadara 132kV Substation	Snowy Mountains Highway 14km west of Tumut	Wednesday 26 th May 2010	Afternoon (TBA at Murray)
Wagga 132kV Substation	Copland St Wagga	Thursday 27 th May 2010	8:00am
Balranald 220kV Substation	Swan Hill Rd Balranald	Friday 28 th May 2010	TBA at Wagga

The site inspections shall commence at Guthega Substation and finish at Balranald Substation as per the above Table.

It shall be the responsibility of the Tenderer to establish fully during these inspections the extent of the work under the Contract. The Principal does not assume any responsibility for deductions, conclusions or interpretations which the Tenderer may draw or make as a result of their inspection of the Site or which they may draw, form or place on data or information supplied to them by any person. (Refer Clause 2.1.2 of the Conditions of Tendering).

Tenderers should note that additional site-specific detail will be provided at the site inspection. This detail is to be considered as part of the tender information and additional costs arising are to be included in pricing.

Tenders shall be for the whole of the works specified. Tenders for part of the works will not be considered.

Further Information

For enquiries of a technical nature refer requests for information or advice to

Mr Tim Puckett: ph 02 6226 9695
fax 02 6226 9603
e-mail tim.puckett@transgrid.com.au

For enquiries of a commercial nature refer requests for information or advice to

Mr Mick Rowe ph 02 9620 0263
fax 02 9620 0214
e-mail michael.rowe@transgrid.com.au