



case study: **Ergon Energy Alliance**

Tenix and Ergon Energy are engaged in a Programme Alliance to collaboratively deliver the design and construction of greenfield and brownfield substations in southern Queensland.

Key Features and Outcomes

For each project under the Alliance, target outturn costs are built up, with agreed rates and margins and both parties share risk and reward. The Alliance is governed by a Senior Project Leadership Team (SPLT), providing overall guidance and leadership. The Senior Programme Management Team reports to the SPLT and ensures successful delivery of the works programme.

Under the Alliance:

- Tenix has constructed six substations to date with a combined value of \$25-30 million (excluding equipment), with the first delivered in May 2008.
- Tenix has successfully commissioned a modularised substation with more commissioning work pending.
- Tenix also provided civil entry and exit feeder works. This delivery innovation offered time and cost savings to Ergon Energy.
- Tenix also re-designed a substation to provide additional value for money through constructability and innovation, in addition to providing a secure supply solution for years to come.



Field Services

- Preventative Maintenance
- ✓ Corrective Maintenance
- Fault Services (24/7)
- Asset Replacement
- ✓ New Build
- Connection services
- Asset Locations & stand-overs
- ✓ Close proximity permits

Management Services

- ✓ Design
- ✓ Project Management & Systems
- ✓ Quality Management & Systems
- ✓ HR & IR Management
- ✓ Construction Management
- ✓ Procurement Management
- ✓ Subcontractor Management
- ✓ Cost Planning & Estimation



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Our Role

Tenix is responsible for the design and physical delivery of the substations, including:

- Project and contract management
- Management of earthworks and civil works
- Civil construction, both internally or via subcontract
- Electrical construction, including earth grid, primary plant erection, and secondary systems installation
- Testing and commissioning services

Resources & Skills

Tenix provides the following skills & resources to the Programme Alliance:

- Project Managers (including APIM and PMI Certified)
- Safety, Quality and the Environment support staff
- Experienced substation Construction Supervisors
- Experienced earthworks and civil inspectors and supervisors
- Substation Site Entry
- Fully qualified Field Test Technicians and Protection Engineers

Asset Type: Electricity distribution	Duration: 5 years
Client: Ergon Energy	Value: \$25 million per annum
Location: Southern & Northern Queensland	Scope: Design and construct
Contracting Style: Programme Alliance	Contract Secured: May 2007