

Gorgon Project

Construction - Greenfields Infrastructure

Project

Gorgon Site Development & WAPET Landing Project

Client/EPCM

Chevron Australia/Kellogg Joint Venture - Gorgon

Value

\$230 Million

Description

Ertech are constructing the Site Development and WAPET Landing contract for the Gorgon Project at Barrow Island which involves:

- Preparing a 22 ha site for a construction camp (including drill and blast and crushing)
- Crushing in excess of 500,000 tonnes of pavement materials.
- Construction of 300,000m² of sealed roads
- Design & install a 1 MI per day reverse osmosis (RO) desalination plant
- Erection of four communications towers up to 40m high
- Civil works (earthworks and concrete) to accept a pre-packaged wastewater injection plant (WWIP).
- Installation of pre-packaged WWIP including mechanical and electrical installation
- Supply & install 20km HDPE pipe up to 315 diameter.
- Supply & install 8 x 65kl fuel farm & install 8 x 110kl fuel farm
- Design & installation of transportable office, ablution and crib facilities including all mechanical, electrical, potable and wastewater services
- Construct RORO groyne barge berth including steel ramp, breasting dolphins and stop fenders for 6,000 tonne barges
- Construct two new LCT landing berths with Flexmats
- Improvements to existing land backed wharf including supply and installation of a breasting dolphin
- Supply & installation of navigation aids
- Existing airport upgrade including pavement repairs, construction of new apron areas and complete bitumen reseal of runway, taxiway and aprons
- Construction and HDPE lining of bridging utilities area to accommodate bridging RO plant, 1 MI/day RO plant, two additional 700 kl/day RO plants and various fuel storage facilities

Additional works include:

- Reticulation of sewerage and water mains
- Supply and installation of duty and standby generators
- Installation of Favco M2480D tower crane with 83m boom
- Supply & operate sewer vacuum truck
- Supply & operate potable water trucks
- Supply & install cement stabilised pavements
- Supply & install Gabions and Reno mattresses
- Construction of explosives storage facility

Location

Barrow Island is located approximately 60km north west of Onslow, Western Australia.



"...getting it right and on time"