



## ICHTHYS PROJECT ENTERS FEED

**INPEX and its joint venture participant Total are moving forward with Front End Engineering and Design (FEED) for the development of the Ichthys Field, located in the Browse Basin, 200 kilometres offshore Western Australia.**

Onshore FEED work is being undertaken by the JKC Joint Venture, comprising JGC Corporation, KBR and Chiyoda Corporation. These companies collectively comprise some of the world's most experienced and capable LNG plant engineering and design firms. The proposed gas plant will be built at Blaydin Point on Middle Arm Peninsula in Darwin.

The Offshore FEED work is being undertaken by AMEC Engineering Pty Ltd as the lead contractor with support from subcontractors Aker Solutions and JP Kenny.

Gas from the Ichthys Field will undergo preliminary processing offshore to remove water and raw liquids, including condensate. The gas will then be exported to the onshore processing facilities in Darwin via an 850km subsea pipeline.

The Ichthys Project is expected to initially produce more than 8 million tonnes of LNG per annum, approximately 1.6 million tonnes of LPG per annum and up to 100,000 barrels of condensate per day at peak. The Blaydin Point site has the capacity to support two initial LNG trains with an opportunity for additional LNG trains to accommodate future expansion.





Opportunities for local employment.

## What is FEED?

FEED, or Front End Engineering and Design, is the project development phase in which plans for the Onshore and Offshore facilities are defined, designed and evaluated in more detail by contracted engineering companies.

The Onshore FEED contract for the Ichthys Project will involve the design of the proposed onshore LNG processing facility at Blaydin Point and associated infrastructure including:

- Two trains with a capacity of more than 8 million tonnes of LNG per annum
- LPG and condensate processing plants
- Storage tanks for LNG, LPG and condensate
- Administration facilities
- Utilities and services
- Power generation infrastructure
- Product offloading jetty.

The Offshore FEED contract for the Ichthys Project will involve engineering work for:

- Semi-submersible Central Processing Facility (CPF)
- Floating Production Storage and Offloading (FPSO) unit for condensate treatment and storage
- Umbilicals, risers and flowlines (URF)
- Export pipeline to Darwin.

The first shipment of LNG is scheduled to be loaded in 2015.

## Employment and supplier opportunities

More than 2000 people will be required in Darwin during the peak of the Project's construction phase, and a full-time workforce of approximately 300 will be needed to maintain and operate the onshore facilities, over the 40 year life of the project. INPEX is working with the Northern Territory Government to prepare an Australian Industry Participation Plan (AIPP), including opportunities for Indigenous employment and training.

INPEX looks forward to becoming an active and respected member of the Darwin community by sourcing goods and services from local businesses and providing employment opportunities during both the construction and operation phases.

Suppliers interested in keeping up-to-date with the latest information for procurement and contracting opportunities are encouraged to register with the Northern Territory Industry Capability Network (NTICN) at [www.inpex.icn.org.au](http://www.inpex.icn.org.au).

## About INPEX

INPEX CORPORATION is a worldwide oil and gas exploration and production company currently involved in more than 70 projects across 26 countries. INPEX is ranked in the Top 50 global petroleum companies and is listed on the Tokyo Stock Exchange. INPEX has been a part of the Australian business community since 1986 and is involved in a number of projects in Australia and the Timor Sea, including the Ichthys Project, the Griffin Fields Project and Darwin LNG.