



**GOLDFIELDS GAS PIPELINE  
INFORMATION PACKAGE**

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## **GOLDFIELDS GAS PIPELINE CONTACT DETAILS**

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## INTRODUCTION

This Information Package has been put together to assist prospective users to obtain access to the Goldfields Gas Pipeline. The contents of the package are designed to satisfy the requirements of section 5.1 of the National Access Code for Natural Gas Pipeline Systems (**the Code**).

The Goldfields Gas Pipeline was constructed by the Goldfields Gas Transmission Joint Venture pursuant to the 23rd March 1994 Goldfields Gas Pipeline Agreement entered into with the State of Western Australia (**GGP Agreement**). This was ratified by the *Goldfields Gas Pipeline Agreement Act 1994 (WA)*.

The Goldfields Gas Pipeline delivers natural gas from the offshore gas fields in the north west of Western Australia to the mineral resource regions of the inland of the State.

The transportation service provided to users of the Goldfields Gas Pipeline to date has been transportation from the pipeline's inlet at Yarraloola. There are currently no other receipt points into the pipeline or other gas sources located along the route of the pipeline. It is anticipated that this will continue to be the service required by all or most of the users of the pipeline.

Should a User or Prospective User of the Goldfields Gas Pipeline have requirements for a service which cannot be accommodated with the Reference Service under the approved Access Arrangement, GGT will negotiate terms and conditions of a Negotiated Service.

Prospective pipeline Users are encouraged to discuss their gas transportation needs with GGT so that, if necessary, new or varied services may be developed to meet Users' requirements where these cannot be satisfied through a Reference Service.

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## 1 APPLICATION FOR SERVICE

### 1.1 Enquiry for Service

A Prospective User that wishes to apply to use the Reference Service or a Negotiated Service must complete and supply the following particulars on, and information with, the Enquiry Form, execute and date the Enquiry Form and deliver it to GGT:

- (a) the Prospective User's name and address and ABN;
- (b) the type of service being sought
- (c) the:
  - (1) estimated Commencement Date and expected initial Termination Date; and
  - (2) if there is any proposed option for extension of the initial Termination Date, the date the option needs to be exercised and the proposed extended Termination Date;
- (d) proposed Outlet Point(s);
- (e) the anticipated MDQ at the Inlet Point and at each Outlet Point for each Year of the proposed Service Agreement;
- (f) any special requirements requested by the Prospective User;
- (g) the legal status of the Prospective User, its legal capacity including whether it is acting as trustee or as agent for any person and, creditworthiness of the Prospective User or its beneficiaries or principals as the case may be, and providing such information concerning the foregoing as GGT may require;
- (h) if applicable, an indication of its preparedness to contribute reasonable costs towards Investigations and Developable Capacity; and
- (i) whether the requested service is a Negotiated Service.

### 1.2 Response to Enquiry Form

Within 10 Business Days of the date of receipt of a fully completed and executed Enquiry Form, GGT will provide the Prospective User with an assessment of the availability of capacity to satisfy the request for Service, including a statement of Spare Capacity and Developable Capacity, the Conditions to apply to the Service and a statement of proposed tariff components and charges that will apply to the Service

requested in the Enquiry Form, including any:

- (a) Whether Capacity exists or to satisfy the request for the Service;
- (b) Whether Capacity does not exist to satisfy the request for the Service;
- (c) Toll Tariff;
- (d) Throughput Tariff;
- (e) Capacity Reservation Tariff;
- (f) Connection Charge(s);
- (g) Account Establishment Charge;
- (h) Annual Account Management Charge;
- (i) Amount of bond/security sum; and
- (j) other charges pertaining to the proposed Service.

### 1.3 Completed Order Form

If following receipt of the response in clause 1.2 the Prospective User wishes to proceed the Prospective User shall deliver to GGT within 10 Business Days a fully completed and executed Order Form (which Order Form is provided with this Information Package) which:

- (a) repeats the information referred to in clause 1.1 along with any changes in particulars or requirements which may have occurred since the date the Enquiry Form was submitted; and
- (b) contains all the particulars and tariff components and charges described in clause 1.2 and confirms the applicants understanding of these charges.

### 1.4 Advice of Capacity

Within 30 Business Days of the receipt by GGT of the Prospective User's fully completed and executed Order Form in accordance with clause 1.3, GGT shall advise the Prospective User in writing:<sup>1</sup>

- (a) that Capacity exists to satisfy the request for the Service; or
- (b) a proposed schedule for the provision of capacity capable of being installed by GGT to satisfy the request for Service and any charges that may apply for the provision of capacity; or

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<sup>1</sup> The references in the Appendix 2.2 Order Form – Item 21 of the Access Arrangement to clause 6.4 is a reference to this clause 1.4

- (c) that investigations are required to be undertaken prior to responding to the request (including a description of the nature of the investigations, the expected programme for completing those investigations and an indicative cost of those investigations that the Prospective User may be required to meet in respect of the investigations) (**Investigations**).

## 1.5 Conditions Precedent

It is a condition precedent to GGT accepting a completed and executed Order Form that: <sup>2</sup>

- (a) sufficient Capacity is available; or
- (b) if sufficient Capacity is not available:
  - (1) GGT has determined that it is technically feasible and economically viable to install capacity to provide the Service by the Commencement Date; and
  - (2) the Prospective User has indicated its preparedness to contribute reasonable costs towards Investigations and Developable Capacity;
- (c) the Inlet Point and each Outlet Point has or will have sufficient capability to accommodate the requested Service;
- (d) the gas to be delivered into the Pipeline by the Prospective User will comply with the Gas Specification;
- (e) the legal status, legal capacity and creditworthiness of the Prospective User complies with the reasonable requirements of GGT;<sup>3</sup>
- (f) the Prospective User is, or will be, to GGT's reasonable satisfaction, in a position to meet its obligations under the Service Agreement and throughout the Term of Service Agreement; and<sup>4</sup>
- (g) the Prospective User agrees to comply with the requirements of the First, Second and Third Schedules of the Terms and Conditions.

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<sup>2</sup> The reference in the Appendix 2.2 Order Form Item 25 to Clause 6.2 of the Access Arrangement is a reference to this Clause 1.5.

<sup>3</sup> The reference in the Appendix 2.2 Order Form Item 19 to Clause 6.5(e) of the Access Arrangement is a reference to this Clause 1.5(e).

<sup>4</sup> The reference in the Appendix 2.2 Order Form Item 20 to Clause 6.5(f) of the Access Arrangement is a reference to this Clause 1.5(f).

## 1.6 Acceptance of an Order Form

Subject to clause 1.7, GGT must accept a fully completed and executed Order Form submitted to GGT pursuant to clause 1.3:

- (a) if there is sufficient Capacity available; or
- (b) if sufficient Capacity is not available and:<sup>5</sup>
  - (1) GGT has determined that it is technically feasible and economically viable to install Capacity to provide the Service by the Commencement Date; and
  - (2) the Prospective User has indicated its preparedness to contribute the amount specified by GGT towards reasonable costs towards Investigations and Capacity.

## 1.7 Notice of Non-Compliance

If in the reasonable opinion of GGT the completed and executed Order Form does not comply with clause 1.3 or the conditions precedent prescribed by clause 1.5 are not satisfied, GGT must give the Prospective User within 10 Business Days a notice of non-compliance including reasonable details and information regarding the non-compliance and, if applicable, based on current commitments of Capacity, indicating when any Spare Capacity and Developable Capacity may become available.

## 1.8 Amended or Rejected Order Form

- (a) Within 20 Business Days of GGT issuing any notice pursuant to clause 1.7, the Prospective User may issue a notice of its intention to amend the Order Form failing which the Order Form is deemed to be rejected and the Prospective User's priority for allocation of Capacity is lost. The parties may agree to amend the Order Form.
- (b) If an amended Order Form under clause 1.8(a) is materially different from the original Order Form, and if, due to the amendment, GGT would be unable to provide the Service to a Prospective User whose Order Form has a date of priority subsequent to the original Order Form, then:
  - (1) if it is reasonable to construe the amended Order Form as a combination of an original Order Form and a notional supplementary Order Form, the original Order

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<sup>5</sup> The reference under Clause 10.2(a) of the Access Arrangement to Clause 6.6(b) is a reference to this clause 1.6(b).

Form retains its priority pursuant to clause 7 of the GGT Access Arrangement and the notional supplementary Order Form has priority pursuant to clause 7 of the GGT Access Arrangement based on the date the amendments are received by GGT; and

- (2) otherwise, the original Order Form is deemed to be rejected and the amended Order Form has priority according to the date the amendments are received by GGT.

### **1.9 Execution of Service Agreement and Exercise of Option**

- (a) GGT shall indicate its acceptance of an Order Form by executing and delivering the Service Agreement to the Prospective User, together with details of the likely Commencement Date, within 14 Business Days of its decision to provide the Service.
- (b) The Service Agreement may include an option to extend the initial Termination Date until the extended Termination Date set out in the Service Agreement. Any such option can be exercised by no later than the option exercise date specified in the Order Form. If such option is not exercised by the latest date for its exercise as specified in the Order Form, then it lapses and is cancelled. Any notification by the User to GGT of the exercise of the option shall, subject to the satisfaction of the conditions precedent in clauses 1.5(e) and 1.5(f), be deemed to be an extension of the Service Contract until the extended Termination Date upon the same terms and conditions as set out in the Service Contract, except for the option to extend and such option will be in accordance with Clause 7 of the GGT Access Arrangement

### **1.10 Variation to MDQ and Term of Service Agreement**

- (a) At any time after the Commencement Date, a User may by giving written notice apply to GGT requesting amendments to the Service Agreement relating to:
  - (1) an increase in the MDQs to be applied after the Date of Service Agreement; or
  - (2) an extension to the Term of Service Agreement

**(Application for Service Contract Variation).**
- (b) GGT will consider any Application for Service Contract Variation as a new Order Form and shall advise the User

whether it will accept the application and what terms and conditions, including changes to tariffs and charges, if applicable, will apply. GGT will not accept any application if it does not comply with the requirements of clause 1.3 or does not satisfy the conditions precedent contained in clause 1.5. An Application for Service Contract Variation will be accorded priority in accordance with clause 7 of the GGT Access Arrangement.

### 1.11 Variation of General Terms and Conditions

- (a) A Prospective User may seek variations of the General Terms and Conditions applicable to the Reference Service.
- (b) Such variations constitute a request for a service which differs from the standard service provided for by the Reference Service offered as part of the Access Arrangement and hence will be treated as a request for a Non-Reference Service for the purposes of this Access Arrangement which shall be referred to by GGT as a negotiated service (**Negotiated Service**). GGT will negotiate the tariffs and other terms and conditions for such a Negotiated Service with the Prospective User in good faith.

### 1.12 Confidential Information

- (a) GGT may require the Prospective User to undertake to keep confidential any information disclosed in the course of negotiations relating to the application in such form as GGT requires and as a condition precedent to negotiations.
- (b) Notwithstanding Clause 1.12(a), where a Prospective User is requested or required by law, any legally binding order of a court or Governmental Authority, or by the listing rules of any stock exchange having jurisdiction over the Prospective User or its ultimate holding company to disclose confidential information which arose in relation to negotiations between the parties, the Prospective User shall advise GGT of the relevant request or requirement and in good faith confer with GGT, as to the most appropriate manner, recognising the commercial sensitivity of the details or information requested or required, of responding to the request or requirement.

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## 2 PIPELINE CAPACITY

Pipeline capacity is expressed in terms of firm transportation services in terajoules per day (TJ/d).

### 2.1 Register of Capacity

(a) Spare Capacity

Currently there is no spare capacity available for firm transportation services on the pipeline.

(b) Developable Capacity

Current capacity is approx 108 TJ/d. The expandable capacity of the pipeline using compression is 167 TJ/d.

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## 3 CHARGES

Charges for basic gas transportation services are made up of three components and vary depending on customer requirements, including load, and point of delivery.

### 3.1 Toll charge

The toll charge is applied to the maximum daily quantity of gas capacity (MDQ) each customer reserves use of.

### 3.2 Capacity reservation charge

The capacity reservation charge is multiplied by the pipeline length (in km) from the inlet point to the outlet point to derive the overall unit charge to be applied to the MDQ for payment.

### 3.3 Throughput charge

The throughput charge is multiplied by the pipeline length (in km) to be applied to the actual quantity of gas delivered for payment.

In general, about 80% of the total gas transportation unit charge comes from toll charge and capacity reservation charge. The throughput charge will make up the balance 20% of the unit charge.

### 3.4 Other Charges

The toll charge and capacity reservation charge for each day is charged to customers on a take-or-pay basis, and the throughput charge based on the actual quantity delivered.

Other charges may be incurred from time to time include an 'used gas charge', 'nomination service charge', 'account establishment & maintenance charge' and other relevant charges detailed in the Access Arrangement.

## Schedule – System Description

The Goldfields Gas Pipeline system comprises:

- DN 400 mm and DN 350 mm main pipeline sections,
- the DN 200 mm lateral to Newman,
- compressor stations on the pipeline,
- custody transfer meter stations at the Yarraloola inlet and various outlet points (see below),
- a head office in Perth,
- a Gas Control centre in Perth,
- maintenance bases and regional offices in Karratha, Newman, Leinster, and Kalgoorlie,
- a backup Gas Control centre in Kalgoorlie,
- a Supervisory Control and Data Acquisition (SCADA) system,
- a satellite data communications system,
- a satellite telephone system,
- a field operations radio communications system, and
- operations, maintenance, commercial, quality, safety, and environmental management systems.

Input to the pipeline is currently made at Yarraloola, near Compressor Station One on the Dampier to Bunbury Natural Gas Pipeline.

Gas is currently being delivered to third party take off points which then transport gas to end users at:

- Newman;
- Plutonic
- Jundee;
- Mount Keith;
- Leinster;
- Murrin Murrin;
- Cawse;
- Parkeston;
- Kalgoorlie North (to domestic distribution);
- Kalgoorlie South;
- Kambalda (via third party lateral from Kalgoorlie South).

Key GGP system characteristics and parameters include:

Commissioned	June to October 1996
Pipeline licence WA - PL 24	Expires 27 January 2016
Pipeline length	1378 kilometres
Pipeline diameter: Yarraloola to Newman	DN 400 mm (16 inch)
Pipeline diameter: Newman to Kalgoorlie	DN 350 mm (14 inch)
Maximum Allowed Operating Pressure	10.2 Mpa
Pipe grade	X70
Corrosion mitigation	Trilaminate pipe coating; Impressed current cathodic protection
Compressor station sites	4
Installed compression	4 x 1290 kW (recips) 2 x 1200 kW (turbines)
Compressors	4 x Waukesha reciprocating, gas engine driven 2 x Solar Saturn gas turbines
Active inlet custody transfer meter stations	1
Active sales outlet custody transfer meter stations	11
Main Line Valves	11
Scraper (pig) launch and/or receive facilities	8
Maintenance bases	4
Pipeline control	remote via SCADA
Right of Way identification	marker signs; at least one visible at any ROW location

A map of the GGP is available upon request to GGT by bone fide Users and Prospective Users of the GGP.