

**TRANSNET**



***freight rail***

A Division of Transnet SOC Limited Registration number 1990/00900/30

# **REQUEST FOR QUOTATION**

**KBY/53159**

**KBY\_15247**

Senior Buyer  
Supply Chain Services  
TRANSNET FREIGHT RAIL  
Austen Street  
KIMBERLEY  
8301

**Transnet Freight Rail**, a division of

**TRANSNET SOC LTD**

Registration Number 1990/000900/30

[Hereinafter referred to as **Transnet**]

**REQUEST FOR QUOTATION [RFQ] No KBY/53159**

**FOR THE CHEMICAL CONTROL OF VEGETATION IN YARDS BY MEANS OF  
HERBICIDES FOR A PERIOD OF TWO (2) YEARS.**

**FOR DELIVERY TO : TRANSNET FREIGHT RAIL, VARIOUS SUBSTATIONS  
AT INFRA KIMBERLEY NORTH DEPOT.**

**ISSUE DATE : 21 AUGUST 2014**

**CLOSING DATE : 09 SEPTEMBER 2014**

**CLOSING TIME : 10:00**

**COMPULSORY INFORMATION MEETING DETAILS:**

**DATE : 02 SEPTEMBER 2014**

**TIME : 11:00**

**VENUE : TRANSNET FREIGHT RAIL, REAL ESTATE BUILDING  
(FORMERLEY CALLED PROPERTY MANAGEMENT-  
BUILDING), GROUND FLOOR BOARDROOM,  
AUSTEN STREET, BEACONSFIELD, KIMBERLEY.**

**N.B! Failure to attend a COMPULSORY information meeting will result in  
your bid being overlooked during the award process.**

**TENDER QUIRIES : Ms Refilwe Ramothwala Tel: 053 838 3309**

**DOCUMENT COLLECTION : Ms Leonie Visagie Tel: 053 838 3119**

**E-mail [Leonie.Visagie@transnet.net](mailto:Leonie.Visagie@transnet.net)**

## Section 1 NOTICE TO BIDDERS

Quotations which must be completed as indicated in Section 2 of this RFQ are to be submitted as follows:

**METHOD:** [Tender box or courier]

**CLOSING VENUE:** [Tender box at physical address for hand delivery and courier:  
Transnet Freight Rail, Real Estate Building (Formerly known as Property Management Building), Supply Chain Services, Office no. 2, Austen Street, Beaconsfield]

### 1 Responses to RFQ

Responses to this RFQ [Quotations] must not include documents or reference relating to any other quotation or proposal. Any additional conditions must be embodied in an accompanying letter.

### 2 Broad-Based Black Economic Empowerment [B-BBEE]

Transnet fully endorses and supports the Government's Broad-Based Black Economic Empowerment Programme and it would therefore prefer to do business with local business enterprises who share these same values. Transnet will accordingly allow a "preference" to companies who provide a valid B-BBEE Verification Certificate. All procurement transactions will be evaluated accordingly.

#### 2.1 B-BBEE Scorecard and Rating

As prescribed in terms of the Preferential Procurement Policy Framework Act (PPPFA), Act 5 of 2000 and its Regulations, Respondents are to note that the following preference point system is applicable to all bids:

- The 80/20 system for requirements with a Rand value of up to R1 000 000.00 (all applicable taxes included).
- Bidders are to note that if the 80/20 preference point system is stipulated in this RFQ and all Bids received exceed R1 000 000.00, the RFQ must be cancelled.

The value of this bid is estimated to be below R1000 000.00 (all applicable taxes included) and therefore the **80/20** system shall be applicable.

When Transnet invites prospective suppliers to submit Proposals for its various expenditure programmes, it requires Respondents to have their B-BBEE status verified in compliance with the Codes of Good Practice issued in terms of the Broad Based Black Economic Empowerment Act No. 53 of 2003.

The Department of Trade and Industry recently revised the Codes of Good Practice on 11 October 2013 [Government Gazette No. 36928]. The Revised Codes will replace the Black Economic Empowerment Codes of Good Practice issued on 9 February 2007. The Revised Codes provide for a one year transitional period starting 11 October 2013. During the transitional period, companies may elect to be measured in terms of the Revised Codes or the 2007 version of the Codes. After the first year of the implementation of the Revised Codes, B-BBEE compliance will be measured in terms of the Revised Codes without any discretion. Companies which are governed by Sector-specific Codes will be measured in terms of those Sector Codes.

As such, Transnet will accept B-BBEE certificates issued based on the Revised Codes. Transnet will also continue to accept B-BBEE certificates issued in terms of the 2007 version of the Codes provided it was issued before 10 October 2014. Thereafter, Transnet will only accept B-BBEE certificates issued based on the Revised Codes.

Respondents are required to complete Annexure A [the B-BBEE Preference Point Claim Form] and submit it together with proof of their B-BBEE Status as stipulated in the Claim Form in order to obtain preference points for their B-BBEE status.

**Note: Failure to submit a valid and original B-BBEE certificate or a certified copy thereof at the Closing Date of this RFQ will result in a score of zero being allocated for B-BBEE.**

*[Refer clause 20 below for Returnable Documents required]*

## 2.2 B-BBEE Improvement Plan

Transnet encourages its Suppliers/Service Providers to constantly strive to improve their B-BBEE rating. Whereas Respondents will be allocated points in terms of a preference point system based on its B-BBEE scorecard to be assessed as detailed in paragraph 2.1 above, in addition to such scoring, Transnet also requests that Respondents submit a B-BBEE improvement plan. Respondents are therefore requested to indicate the extent to which they will maintain or improve their B-BBEE status over the contract period.

Respondents are requested to submit their B-BBEE Improvement Plan as an additional document with their Proposals by completion of **Annexure A** appended hereto. *[Refer to Annexure A for further instructions]*

### Guidance Notes

- *Note that for low value transactions, opportunities for B-BBEE Improvement are limited. Focus should be placed on longer term contracts.*

## 3 Communication

- a) Respondents are warned that a response will be liable for disqualification should any attempt be made by a Respondent either directly or indirectly to canvass any officer(s) or employee of Transnet in respect of this RFQ between the closing date and the date of the award of the business.
- b) A Respondent may, however, before the closing date and time, direct any written enquiries relating to the RFQ to the following Transnet employee:

Name: Refilwe Ramothwala Email: [Refilwe.Ramothwala@transnet.net](mailto:Refilwe.Ramothwala@transnet.net)

- c) Respondents may also, at any time after the closing date of the RFQ, communicate with Maggie Pain on any matter relating to its RFQ response:

Telephone 053 838 3341 Email [Maggie.Pain@transnet.net](mailto:Maggie.Pain@transnet.net)

The Respondent's original and valid Tax Clearance Certificate must accompany the Quotation. Note that no business shall be awarded to any Respondent whose tax matters have not been declared by SARS to be in order.

#### 4 VAT Registration

The valid VAT registration number must be stated here: \_\_\_\_\_ *[if applicable]*.

#### 5 Legal Compliance

The successful Respondent shall be in full and complete compliance with any and all applicable national and local laws and regulations.

#### 6 Changes to Quotations

Changes by the Respondent to its submission will not be considered after the closing date and time.

#### 7 Pricing

All prices must be quoted in South African Rand on a fixed price basis, excluding VAT.

#### 8 Prices Subject to Confirmation

Prices quoted which are subject to confirmation will not be considered.

#### 9 Negotiations

Transnet reserves the right to undertake post-tender negotiations with selected Respondents or any number of short-listed Respondents.

#### 10 Binding Offer

Any Quotation furnished pursuant to this Request shall be deemed to be an offer. Any exceptions to this statement must be clearly and specifically indicated.

#### 11 Disclaimers

#### 12 Transnet is not committed to any course of action as a result of its issuance of this RFQ and/or its receipt of a Quotation in response to it. Please note that Transnet reserves the right to:

- modify the RFQ's goods / service(s) and request Respondents to re-bid on any changes;
- reject any Quotation which does not conform to instructions and specifications which are detailed herein;
- disqualify Quotations submitted after the stated submission deadline;
- not necessarily accept the lowest priced Quotation;
- reject all Quotations, if it so decides;
- place an order in connection with this Quotation at any time after the RFQ's closing date;

- award only a portion of the proposed goods / service/s which are reflected in the scope of this RFQ;
- split the award of the order/s between more than one Supplier/Service Provider; or
- make no award at all.

### 13 Transnet's supplier integrity pact

Transnet's Integrity Pact requires a commitment from suppliers and Transnet that they will not engage in any corrupt and fraudulent practices, anti-competitive practices; and act in bad faith towards each other. The Integrity Pact also serves to communicate Transnet's Gift Policy as well as the remedies available to Transnet where a Respondent contravenes any provision of the Integrity Pact.

Respondents are required to familiarise themselves with the contents of the Integrity Pact which is available on the Transnet Internet site [www.transnet.net/Tenders/Pages/default.aspx] or on request. Furthermore, Respondents are required to certify that they have acquainted themselves with all the documentation comprising the Transnet Integrity Pact and that they fully comply with all the terms and conditions stipulated in the Transnet Supplier Integrity Pact as follows:

<b>YES</b>		<b>NO</b>	
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Should a Respondent need to declare previous transgressions or a serious breach of law in the preceding 5 years as required by Annexure A to the Integrity Pact, such declaration must accompany the Respondent's bid submission.

### 14 Respondent's Samples

Respondents are required to submit samples of the Goods tendered for by it **only in cases where Transnet has specifically requested samples**. The sample(s) must be endorsed with the RFQ number and description and forwarded on or before the deadline date to the following addressee:

**N/A**

### 15 Evaluation Criteria

Transnet will utilise the following criteria [not necessarily in this order] in choosing a Supplier/Service Provider, if so required:

Criterion/Criteria	Explanation
<b>Administrative responsiveness</b>	Completeness of response and returnable documents
<b>Substantive responsiveness</b>	Prequalification criteria, if any, must be met and whether the Bid materially complies with the scope and/or specification given
<b>Final weighted evaluation based on 80/20</b>	<ul style="list-style-type: none"> <li>• Pricing and price basis [firm] - whilst not the sole factor for consideration, competitive pricing and overall level of unconditional discounts<sup>1</sup> will be critical</li> <li>• B-BBEE status of company - Preference points will be awarded to a bidder for</li> </ul>

<sup>1</sup> Only unconditional discounts will be taken into account during evaluation. A discount which has been offered conditionally will, despite not being taken into account for evaluation purposes, be implemented when payment is effected.

<b>preference point system as indicated in paragraph 2.1</b>	attaining the B-BBEE status level of contribution in accordance with the table indicated in Annexure A.
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**16 Validity Period**

Transnet desires a validity period of 30 [thirty] days from the closing date of this RFQ.

This RFQ is valid until \_\_\_\_\_.

**17 Banking Details**

BANK: \_\_\_\_\_

BRANCH NAME / CODE: \_\_\_\_\_

ACCOUNT HOLDER: \_\_\_\_\_

ACCOUNT NUMBER: \_\_\_\_\_

**18 Company Registration**

Registration number of company / C.C. \_\_\_\_\_

Registered name of company / C.C. \_\_\_\_\_

**19 Disclosure of Prices Quoted**

Respondents must indicate here whether Transnet may disclose their quoted prices and conditions to other Respondents:

YES ☐ NO ☐

**20 Returnable Documents**

**Returnable Documents** means all the documents, Sections and Annexures, as listed in the tables below.

- a) Respondents are required to submit with their Quotations the **Returnable Documents**, as detailed below.

***Failure to provide all these Returnable Documents at the Closing Date and time of this RFQ may result in a Respondent's disqualification. Respondents are therefore urged to ensure that all these Documents are returned with their Quotations.***

All Sections, as indicated in the footer of each page, must be signed, stamped and dated by the Respondent. Please confirm submission of these Returnable Documents by so indicating [Yes or No] in the table below:

Returnable Documents	Submitted [Yes or No]
SECTION 1 : Notice to Bidders	
<ul style="list-style-type: none"> <li>- Valid and original B-BBEE Verification Certificate or certified copy thereof [Large Enterprises and QSEs] Note: failure to provide a valid B-BBEE Verification Certificate at the closing date and time of the RFQ will result in an automatic score of zero for preference</li> </ul>	
<ul style="list-style-type: none"> <li>- Valid and original B-BBEE certificate/sworn affidavit or certified copy thereof from auditor, accounting officer or SANAS accredited Verification Agency [EMEs] Note: failure to provide a valid B-BBEE Verification Certificate at the closing date and time of the RFQ will result in an automatic score of zero being allocated for preference</li> </ul>	
<ul style="list-style-type: none"> <li>- In the case of Joint Ventures, a copy of the Joint Venture Agreement or written confirmation of the intention to enter into a Joint Venture Agreement</li> </ul>	
<ul style="list-style-type: none"> <li>- Original valid Tax Clearance Certificate [Consortia / Joint Ventures must submit a separate Tax Clearance Certificate for each party]</li> </ul>	
SECTION 2 : Quotation Form	
SECTION 3: Vendor Application Form	
<ul style="list-style-type: none"> <li>• Original cancelled cheque or bank verification of banking details</li> </ul>	
<ul style="list-style-type: none"> <li>• Certified copies of IDs of shareholder/directors/members [as applicable]</li> </ul>	
<ul style="list-style-type: none"> <li>• Certified copies of the relevant company registration documents from Companies and Intellectual Property Commission (CIPC)</li> </ul>	
<ul style="list-style-type: none"> <li>• Certified copies of the company's shareholding/director's portfolio</li> </ul>	
<ul style="list-style-type: none"> <li>• Entity's letterhead</li> </ul>	
<ul style="list-style-type: none"> <li>• Certified copy of VAT Registration Certificate [RSA entities only]</li> </ul>	
<ul style="list-style-type: none"> <li>• Certified copy of valid Company Registration Certificate [if applicable]</li> </ul>	
Financial Statements signed by your Accounting Officer or Audited Financial Statements for previous 3 years	
ANNEXURE A – B-BBEE Preference Points Claim Form	

- b) In addition to the requirements of paragraph a) above, Respondents are further requested to submit with their Proposals the following **additional documents** as detailed below.

Please confirm submission of these additional documents by so indicating [Yes or No] in the table below:

Additional Documents	SUBMITTED [Yes or No]
ANNEXURE B: B-BBEE Improvement Plan	

## Section 2

### QUOTATION FORM

I/We \_\_\_\_\_  
hereby offer to supply the goods/services at the prices quoted in the Price Schedule below, in accordance with the conditions related thereto.

I/We agree to be bound by those terms and conditions in:

- the Standard Terms and Conditions for the Supply of Goods or Services to Transnet [available on request]; and
- any other standard or special conditions mentioned and/or embodied in this Request for Quotation.

I/We accept that unless Transnet should otherwise decide and so inform me/us, this Quotation [and, if any, its covering letter and any subsequent exchange of correspondence], together with Transnet's acceptance thereof shall constitute a binding contract between Transnet and me/us.

I/We further agree that if, after I/we have been notified of the acceptance of my/our Quotation, I/we fail to deliver the said goods/service/s within the delivery lead-time quoted, Transnet may, without prejudice to any other legal remedy which it may have, cancel the order and recover from me/us any expenses

#### Price Schedule

I/We quote as follows for the goods required, on a "delivered nominated destination" basis, excluding VAT:

**KINDLY REFER TO THE ATTACHED PRICING SCHEDULE:**

**Delivery Lead-Time from date of purchase order:** \_\_\_\_\_ [week]

#### Notes to Pricing:

- All Prices must be quoted in South African Rand, exclusive of VAT
- To facilitate like-for-like comparison bidders must submit pricing strictly in accordance with this price schedule and not utilise a different format. Deviation from this pricing schedule could result in a bid being disqualified.
- Please note that should you have offered a discounted price(s), Transnet will only consider such price discount(s) in the final evaluation stage if offered on an unconditional basis.

**Section 3**  
**VENDOR APPLICATION FORM**

*Respondents are to furnish the following documentation and complete the Vendor Application Form below:*

1. **Original** cancelled cheque **OR** letter from the Respondent's bank verifying banking details [with bank stamp]
2. **Certified** copy of Identity Document(s) of Shareholders/Directors/Members [where applicable]
3. **Certified copies** of the relevant company registration documents from Companies and Intellectual Property Commission (CIPC)
4. **Certified copies** of the company's shareholding/director's portfolio
5. A letter on the company's letterhead confirm physical and postal addresses
6. **Original** valid SARS Tax Clearance Certificate
7. **Certified copy** of VAT Registration Certificate
8. **A valid and original** B-BBEE Verification Certificate / sworn affidavit **or certified copy** thereof meeting the requirements for B-BBEE compliance as per the B-BBEE Codes of Good Practice
9. **Certified copy** of valid C
10. Company Registration Certificate [if applicable]

[Redacted]									
Company Trading Name									
Company Registered Name									
Company Registration Number Or ID Number If A Sole Proprietor									
Form of entity	CC	Trust	Pty Ltd	Limited	Partnership	Sole Proprietor			
VAT number (if registered)									
Company Telephone Number									
Company Fax Number									
Company E-Mail Address									
Company Website Address									
Bank Name					Bank Account Number				
Postal Address							Code		
Physical Address							Code		
Contact Person									
Designation									
Telephone									
Email									
Annual Turnover Range (Last Financial Year)		< R5 Million		R5-35 million		> R35 million			
Does Your Company Provide		Products		Services		Both			
Area Of Delivery		National		Provincial		Local			
Is Your Company A Public Or Private Entity				Public		Private			
Does Your Company Have A Tax Directive Or IRP30 Certificate				Yes		No			
Main Product Or Service Supplied (E.G.: Stationery/Consulting)									
<b>BEE Ownership Details</b>									
% Black Ownership			% Black women ownership			% Disabled person/s ownership			
Does your company have a BEE certificate			Yes		No				
What is your broad based BEE status (Level 1 to 9 / Unknown)									
How many personnel does the firm employ			Permanent		Part time				
Transnet Contact Person									
Contact number									
Transnet operating division									
<b>Duly Authorised To Sign For And On Behalf Of Firm / Organisation</b>									
Name						Designation			
Signature						Date			
<b>Stamp And Signature Of Commissioner Of Oath</b>									
Name						Date			
Signature						Telephone No.			

**FOR THE CHEMICAL CONTROL OF VEGETATION IN YARDS BY MEANS OF  
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**ANNEXURE A: B-BBEE PREFERENCE POINTS CLAIM FORM**

This preference form contains general information and serves as a claim for preference points for Broad-Based Black Economic Empowerment [B-BBEE] Status Level of Contribution.

**1. INTRODUCTION**

- 1.1 A total/maximum of 20 preference points shall be awarded for B-BBEE Status Level of Contribution.
- 1.2 Failure on the part of a Bidder to fill in and/or to sign this form and submit a B-BBEE Verification Certificate from a Verification Agency accredited by the South African Accreditation System [SANAS] or a Registered Auditor approved by the Independent Regulatory Board of Auditors [IRBA] or an Accounting Officer as contemplated in the Close Corporation Act [CCA] together with the bid will be interpreted to mean that preference points for B-BBEE Status Level of Contribution are not claimed.
- 1.3 Transnet reserves the right to require of a Bidder, either before a Bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by Transnet.

**2. GENERAL DEFINITIONS**

- 2.1 **"all applicable taxes"** include value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies;
- 2.2 **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- 2.3 **"B-BBEE status of contributor"** means the B-BBEE status received by a measured entity based on its overall performance using the relevant scorecard contained in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- 2.4 **"Bid"** means a written offer in a prescribed or stipulated form in response to an invitation by Transnet for the provision of goods, works or services;
- 2.5 **"Broad-Based Black Economic Empowerment Act"** means the Broad-Based Black Economic Empowerment Act, 2003 [Act No. 53 of 2003];
- 2.6 **"comparative price"** means the price after the factors of a non-firm price and all unconditional discounts that can be utilised have been taken into consideration;
- 2.7 **"consortium or joint venture"** means an association of persons for the purpose of combining

- 2.8 **"contract"** means the agreement that results from the acceptance of a bid by Transnet;
- 2.9 **"EME"** means any enterprise with an annual total revenue of R5 [five] million or less as per the 2007 version of the B-BBEE Codes of Good Practice and means any enterprise with an annual total revenue of R10 [ten] million or less as per the Revised Codes of Good Practice issued on 11 October 2013 in terms of Government Gazette No. 36928;
- 2.10 **"firm price"** means the price that is only subject to adjustments in accordance with the actual increase or decrease resulting from the change, imposition, or abolition of customs and excise duty and any other duty, levy, or tax, which, in terms of the law or regulation, is binding on the contractor and demonstrably has an influence on the price of any supplies, or the rendering costs of any service, for the execution of the contract;
- 2.11 **"functionality"** means the measurement according to predetermined norms, as set out in the bid documents, of a service or commodity that is designed to be practical and useful, working or operating, taking into account, among other factors, the quality, reliability, viability and durability of a service and the technical capacity and ability of a bidder;
- 2.12 **"non-firm prices"** means all prices other than "firm" prices;
- 2.13 **"person"** includes reference to a juristic person;
- 2.14 **"QSE"** means any enterprise with an annual total revenue between R5 [five] million and R35 [thirty five] million as per the 2007 version of the B-BBEE Codes of Good Practice and means any enterprise with an annual total revenue of between R10 [ten] million and R50 [fifty] million as per the Revised Codes of Good Practice issued on 11 October 2013 in terms of Government Gazette No. 36928
- 2.15 **"rand value"** means the total estimated value of a contract in South African currency, calculated at the time of bid invitations, and includes all applicable taxes and excise duties;
- 2.16 **"subcontract"** means the primary contractor's assigning or leasing or making out work to, or employing another person to support such primary contractor in the execution of part of a project in terms of the contract;
- 2.17 **"total revenue"** bears the same meaning assigned to this expression in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Empowerment Act and promulgated in the Government Gazette on 9 February 2007;
- 2.18 **"trust"** means the arrangement through which the property of one person is made over or bequeathed to a trustee to administer such property for the benefit of another person; and
- 2.19 **"trustee"** means any person, including the founder of a trust, to whom property is bequeathed in order for such property to be administered for the benefit of another person.

### 3. ADJUDICATION USING A POINT SYSTEM

- 3.1 The Bidder obtaining the highest number of total points for the evaluation criteria as enumerated in Section 2 of the RFP will be awarded the contract, unless objective criteria justifies the award to another bidder.
- 3.2 Preference points shall be calculated after prices have been brought to a comparative basis taking into account all factors of non-firm prices and all unconditional discounts.

- 3.3 Points scored will be rounded off to 2 [two] decimal places.
- 3.4 In the event of equal points scored, the Bid will be awarded to the Bidder scoring the highest number of preference points for B-BBEE.
- 3.5 However, when functionality is part of the evaluation process and two or more Bids have scored equal points including equal preference points for B-BBEE, the successful Bid will be the one scoring the highest score for functionality.
- 3.6 Should two or more Bids be equal in all respect, the award shall be decided by the drawing of lots.

"PREVIEW COPY ONLY"

#### 4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTION

- 4.1 In terms of the Preferential Procurement Regulations, 2011, preference points shall be awarded to a Bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of Points [Maximum 20]
1	20
2	18
3	16
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

- 4.2 Bidders who qualify as EMEs in terms of the 2007 version of the Codes of Good Practice must submit a certificate issued by an Accounting Officer as contemplated in the CCA or a Verification Agency accredited by SANAS or a Registered Auditor. Registered auditors do not need to meet the prerequisite for IRBA's approval for the purpose of conducting verification and issuing EME's with B-BBEE Status Level Certificates.
- 4.3 Bidders who qualify as EMEs in terms of the Revised Codes of Good Practice issued on 11 October 2013 in terms of Government Gazette No. 36928 are only required to obtain a sworn affidavit on an annual basis confirming that the entity has an Annual Total Revenue of R10 million or less and the entity's Level of Black ownership.
- 4.4 In terms of the 2007 version of the Codes of Good Practice, Bidders other than EMEs must submit their original and valid B-BBEE status level verification certificate or a certified copy thereof, substantiating their B-BBEE rating issued by a Registered Auditor approved by IRBA or a Verification Agency accredited by SANAS.
- 4.5 In terms of the Revised Codes of Good Practice issued on 11 October 2013 in terms of Government Gazette No. 36928, Bidders who qualify as QSEs are only required to obtain a sworn affidavit on an annual basis confirming that the entity has an Annual Total Revenue of R50 million or less and the entity's Level of Black ownership. Large enterprises must submit their original and valid B-BBEE status level verification certificate or a certified copy thereof, substantiating their B-BBEE rating issued by a Registered Auditor approved by IRBA or a Verification Agency accredited by SANAS.
- 4.6 A trust, consortium or joint venture will qualify for points for its B-BBEE status level as a legal entity, provided that the entity submits its B-BBEE status level certificate.
- 4.7 A trust, consortium or joint venture will qualify for points for their B-BBEE status level as an unincorporated entity, provided that the entity submits their consolidated B-BBEE scorecard as if they were a group structure and that such a consolidated B-BBEE scorecard is prepared for every separate bid.

- 4.8 Tertiary institutions and public entities will be required to submit their B-BBEE status level certificates in terms of the specialised scorecard contained in the B-BBEE Codes of Good Practice.
- 4.9 A person will not be awarded points for B-BBEE status level if it is indicated in the Bid documents that such a Bidder intends subcontracting more than 25% [twenty-five per cent] of the value of the contract to any other enterprise that does not qualify for at least the same number of points that such a Bidder qualifies for, unless the intended subcontractor is an EME that has the capability and ability to execute the subcontract.
- 4.10 A person awarded a contract may not subcontract more than 25% [twenty-five per cent] of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the person concerned, unless the contract is subcontracted to an EME that has the capability and ability to execute the subcontract.
- 4.11 Bidders are to note that in terms of paragraph 2.6 of Statement 000 of the Revised Codes of Good Practice issued on 11 October 2013 in terms of Government Gazette No. 36928, any representation made by an entity about its B-BBEE compliance must be supported by suitable evidence or documentation. As such, Transnet reserves the right to request such evidence or documentation from Bidders in order to verify any B-BBEE recognition claimed.

## 5. B-BBEE STATUS AND SUBCONTRACTING

### 5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

B-BBEE Status Level of Contributor 1 = \_\_\_\_\_ [maximum of 20 points]

Note: Points claimed in respect of this paragraph 5.1 must be in accordance with the table reflected in paragraph 4.1 above and must be substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or a sworn affidavit in the case of an EME or QSE.

### 5.2 Subcontracting:

Will any portion of the contract be subcontracted? YES/NO [delete which is not applicable]

If YES, indicate:

- (i) What percentage of the contract will be subcontracted? .....%
- (ii) The name of the subcontractor .....
- (iii) The B-BBEE status level of the subcontractor .....
- (iv) Is the subcontractor an EME? YES/NO

### 5.3 Declaration with regard to Company/Firm

- (i) Name of Company/Firm.....
- (ii) VAT registration number.....
- (iii) Company registration number.....
- (iv) Type of Company / Firm [TICK APPLICABLE BOX]
  - ☐ Partnership/Joint Venture/Consortium
  - ☐ One person business/sole propriety
  - ☐ Close Corporations

☐ Company (Pty) Ltd

(v) Describe Principal Business Activities

.....  
.....  
.....

(vi) Company Classification [TICK APPLICABLE BOX]

☐ Manufacturer

☐ Supplier

☐ Professional Service Provider

☐ Other Service Providers, e.g. Transporter, etc.

(vii) Total number of years the company/firm has been in business.....

### BID DECLARATION

I/we, the undersigned, who warrants that he/she is duly authorised to do so on behalf of the company/firm, certify that points claimed, based on the B-BBEE status level of contribution indicated in paragraph 4 above, qualifies the company/firm for the preference(s) shown and I / we acknowledge that:

- (i) The information furnished is true and correct.
- (ii) In the event of a contract being awarded as a result of points claimed as shown in paragraph 6 above, the contractor may be required to furnish documentary proof to the satisfaction of Transnet that the claims are correct.
- (iii) If the B-BBEE status level of contribution has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, Transnet may, in addition to any other remedy it may have:
  - (a) disqualify the person from the bidding process;
  - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
  - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
  - (d) restrict the Bidder or contractor, its shareholders and directors, and/or associated entities, or only the shareholders and directors who acted in a fraudulent manner, from obtaining business from Transnet for a period not exceeding 10 years, after the *audi alteram partem* [hear the other side] rule has been applied; and/or
  - (e) forward the matter for criminal prosecution.

### WITNESSES:

1. ....

2. ....

SIGNATURE OF BIDDER

DATE:.....

COMPANY NAME: .....

ADDRESS:.....



## ANNEXURE B: B-BBEE IMPROVEMENT PLAN

Transnet encourages its Suppliers/Service Providers to constantly strive to improve their B-BBEE rating. Whereas Respondents will be allocated points in terms of a preference point system based on its B-BBEE scorecard, in addition to such scoring, Transnet also requests that Respondents submit a B-BBEE improvement plan. Respondents are therefore requested to indicate the extent to which their ownership, management control, Supplier Development, Preferential Procurement and Enterprise Development will be maintained or improved over the contract period.

Respondents are requested to submit their B-BBEE Improvement Plan as an additional document with their Proposals.

*Respondents are to insert their current status (%) and future targets (%) for the B-BBEE Improvement Plan [i.e. not the % change but the end-state quantum expressed as a percentage] in the table below. This will indicate how you intend to sustain or improve your B-BBEE rating over the contract period. On agreement, this will represent a binding commitment to the successful Respondent.*

*Transnet reserves the right to request supporting evidence to substantiate the commitments made in the B-BBEE Improvement Plan.*

OWNERSHIP INDICATOR	Required Responses	Current Status (%)	Future Target (%)
1. The percentage of the business owned by Black <sup>1</sup> persons.	<i>Provide a commitment based on the extent to which ownership in the hands of Black persons as a percentage of total ownership of the organisation would be sustained or increased over the contract period.</i>		
2. The percentage of your business owned by Black women.	<i>Provide a commitment based on the extent to which ownership in the hands of Black women as a percentage of total ownership of the organisation would be sustained or increased over the contract period.</i>		
3. The percentage of the business owned by Black youth <sup>2</sup>	<i>Provide a commitment based on the extent to which ownership in the hands of Black youth as a percentage of total ownership of the organisation would be sustained or increased over the contract period.</i>		
4. The percentage of the business owned by Black persons living with disabilities	<i>Provide a commitment based on the extent to which ownership in the hands of Black disabled persons as a percentage of total ownership of the organisation would be sustained or increased over the contract period.</i>		
5. New Entrants <sup>3</sup> (Early stage business)	<i>Provide a commitment based on the extent to which new entrants will be supported over the contract period.</i>		

<sup>1</sup> "Black" means South African Blacks, Coloureds and Indians, as defined in the B-BBEE Act, 53 of 2003

<sup>2</sup> "Black youth" means Black persons from the age of 16 to 35

<sup>3</sup> "New Entrants" means an early stage business which is similar to a start-up. However, an early stage business is typically 3 years old or less.

MANAGEMENT CONTROL INDICATOR	Required Responses	Current Status (%)	Future Targets (%)
6. The percentage of Black Board members in relation to the total number of Board members	<i>Provide a commitment based on the extent to which the number of Black Board members, as a percentage of the total Board, would be sustained or increased over the contract period.</i>		
7. The percentage of Black female Board members in relation to the total number of Board members	<i>Provide a commitment based on the extent to which the number of Black female Board members, as a percentage of the total Board, would be sustained or increased over the contract period.</i>		
8. Black Executives directors as a percentage of all executive directors	<i>Provide a commitment based on the extent to which the number of Black executive Directors as a percentage of all Executive Directors would be sustained or increased over the contract period.</i>		
9. Black female Executives directors as a percentage of all executive directors	<i>Provide a commitment based on the extent to which the number of Black female executive Directors as a percentage of all Executive Directors would be sustained or increased over the contract period.</i>		
<b>Other Executive Management</b>	<b>Required Response</b>	<b>Current Status (%)</b>	<b>Future Targets (%)</b>
10. Black Executive Management as a percentage of all executive directors	<i>Provide a commitment based on the extent to which the number of Black executive Managers as a percentage of all Executive Directors would be sustained or increased over the contract period.</i>		
11. Black Female Executive Management as a percentage of all executive directors	<i>Provide a commitment based on the extent to which the number of Black female executive Managers as a percentage of all Executive Directors would be sustained or increased over the contract period.</i>		
<b>Senior Management</b>	<b>Required Response</b>	<b>Current Status (%)</b>	<b>Future Targets (%)</b>
12. Black employees in Senior Management as a percentage of all senior management	<i>Provide the percentage of Blacks that would be appointed or retained by the Board and would be operationally involved in the day to day <b>senior management</b> of the business, with individual responsibility for overall and/or financial management of the business and actively involved in the development and implementation of <b>overall strategy</b>, over the contract period.</i>		
13. Black female employees in Senior Management as a percentage of all senior management	<i>Provide the percentage of Black females that would be appointed or retained by the Board and would be operationally involved in the day to day <b>senior management</b> of the business, with individual responsibility for overall and/or financial management of the business and actively involved in the development and implementation of <b>overall strategy</b>, over the contract period.</i>		
<b>Middle Management</b>	<b>Required Response</b>	<b>Current</b>	<b>Future</b>

		Status (%)	Targets (%)
14. Black employees in Middle Management as a percentage of all middle management	<i>Provide the percentage of Blacks that would be retained or appointed by the organisation in the <b>middle management</b> cadre and would be operationally involved in the day to day management of the business, with individual responsibility for a particular area within the business and actively involved in the <b>day to day management</b> of the organisation, over the contract period.</i>		
15. Black female employees in Middle Management as a percentage of all middle management	<i>Provide the percentage of Blacks females that would be retained or appointed by the organisation in the <b>middle management</b> cadre and would be operationally involved in the day to day management of the business, with individual responsibility for a particular area within the business and actively involved in the <b>day to day management</b> of the organisation, over the contract period.</i>		
<b>Junior Management</b>	<b>Required Response</b>	<b>Current Status (%)</b>	<b>Future Targets (%)</b>
16. Black employees in Junior management as a percentage of all junior management	<i>Provide a commitment based on the extent to which the number of Black Junior Managers as a percentage of the total junior Managers, would be sustained or increased over the contract period.</i>		
17. Black female employees in Junior management as a percentage of all junior management	<i>Provide a commitment based on the extent to which the number of Black female Junior Managers as a percentage of the total junior Managers, would be sustained or increased over the contract period.</i>		
<b>Employees with disabilities</b>	<b>Required Response</b>	<b>Current Status (%)</b>	<b>Future Targets (%)</b>
18. Black employees with disabilities as a percentage of all employees	<i>Provide a commitment based on the extent to which the percentage of Black disabled employees, in relation to the total of all employees in the organisation, would be sustained or increased over the contract period.</i>		
<b>PREFERENTIAL PROCUREMENT INDICATOR</b>	<b>Required Responses</b>	<b>Current Status (%)</b>	<b>Future Targets (%)</b>
19. B-BBEE procurement spend from all Empowering Suppliers <sup>4</sup> based on the B-BBEE procurement	<i>Provide a commitment based on the extent to which B-BBEE spend from all Empowering Suppliers would be sustained or increased over the contract period.</i>		

<sup>4</sup> "Empowering Suppliers" means a B-BBEE compliant entity, which should meet at least three of the following criteria if it is a Large Enterprise or one if it is a QSE:

(a) At least 25% of cost of sales excluding labour cost and depreciation must be procured from local producers or local supplier in SA, for service industry labour cost are included but capped to 15%.

(b) Job creation - 50% of jobs created are for Black people provided that the number of Black employees since the immediate prior verified B-BBEE Measurement is maintained.

(c) At least 25% transformation of raw material/beneficiation which include local manufacturing, production and/or assembly, and/or packaging.

(d) Skills transfer - at least spend 12 days per annum of productivity deployed in assisting Black EMEs and QSEs beneficiaries to increase their operation or financial capacity.

	recognition level as a percentage of total measured procurement spend		
20.	20 B-BBEE procurement spend from all Empowering Suppliers QSEs based on the applicable B-BBEE Procurement Recognition Levels as a percentage of Total Measured Procurement Spend	<i>Provide a commitment based on the extent to which B-BBEE spend from Empowering Supplier QSEs would be sustained or increased over the contract period</i>	
21.	B-BBEE procurement spend from Exempted Micro-Enterprise based on the applicable B-BBEE procurement recognition Levels as a percentage of Total Measured Procurement Spend	<i>Provide a commitment based on the extent to which B-BBEE spend from EMEs would be sustained or increased over the contract period</i>	
22.	B-BBEE procurement spend from Empowering Suppliers that are at least 51% black owned based on the applicable B-BBEE Procurement Recognition Levels as a percentage of Total Measured Procurement Spend	<i>Provide a commitment based on the extent to which spend from Empowering Suppliers who are more than 51% Black-owned would be maintained or increased over the contract period.</i>	
23.	B-BBEE procurement spend from Empowering Suppliers that are at least 30% black women owned based on the applicable B-BBEE Procurement Recognition Levels as a percentage of Total Measured Procurement Spend	<i>Provide a commitment based on the extent to which spend from Empowering Suppliers who are more than 30% Black women-owned would be maintained or increased over the contract period.</i>	
24.	B-BBEE Procurement Spent from Designated Group <sup>5</sup> Suppliers that are at least 51% Black owned	<i>Provide a commitment based on the extent to which spend from suppliers from Designated Group Suppliers that are at least 51% Black owned would be maintained or increased over the contract period.</i>	

<sup>5</sup> **"Designated Groups"** means:

- unemployed black people not attending and required by law to attend an educational institution and not awaiting admission to an educational institution;
- black people who are youth as defined in the National Youth Commission Act of 1996;
- black people who are persons with disabilities as defined in the Codes of Good Practice on employment of people with disabilities issued under the Employment Equity Act;
- black people living in rural and under developed areas; and
- black military veterans who qualifies to be called a military veteran in terms of the Military Veterans Act 18 of 2011.

<b>SUPPLIER DEVELOPMENT INDICATOR</b>	<b>Required Response</b>	<b>Current Status (%)</b>	<b>Future Target (%)</b>
25. Annual value of all Supplier Development <sup>6</sup> Contributions made by the Measured entity as a percentage of the target	<i>Provide a commitment based on the percentage in your organisation's annual spend on Supplier Development initiatives, will be maintained or improved over the contract period.</i>		
<b>ENTERPRISE DEVELOPMENT INDICATOR</b>	<b>Required Response</b>	<b>Current Status (%)</b>	<b>Future Target (%)</b>
26. The organisation's annual spend on Enterprise Development <sup>7</sup> as a percentage of Net Profit after Tax [NPAT]	<i>Provide a commitment based on the retention or increase in your organisation's annual spend on Enterprise Development initiatives, as a percentage of its Net Profit after Tax, over the contract period.</i>		

<sup>6</sup> **"Supplier Development"** means monetary or non-monetary contributions carried out for the benefit of value-adding suppliers to the Measured Entity, with the objective of contributing to the development, sustainability and financial and operational independence of those beneficiaries:

(a) Supplier Development Contributions to suppliers that are Exempted Micro-Enterprises or Qualifying Small Enterprises which are at least 51% black owned or at least 51% black women owned.

Supplier Development within the contest of the B-BBEE scorecard must be differentiated from Transnet's Supplier Development Initiatives. Whereas the former relates to the definition above, the latter relates to improving the socio-economic environment through initiatives that are committed to as part of a contract award that contribute to the development of a competitive supplier base in relation to a particular industry.

<sup>7</sup> **"Enterprise Development"** means monetary and non-monetary contributions carried out for the following beneficiaries, with the objective of contributing to the development, sustainability and financial and operational independence of those beneficiaries:

(a) Enterprise Development Contributions to Exempted Micro-Enterprises or Qualifying Small Enterprises which are at least 51% Black owned or at least 51% Black women owned;

## **PROJECT SPECIFICATION KIMBERLEY NORTH YARDS VEGETATION CONTROL**

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"PREVIEW COPY ONLY"

## **1. DESCRIPTION OF THE WORKS**

### **1.1. EMPLOYERS OBJECTIVE**

- 1.1.1. The essence of the Agreement is that Transnet Freight Rail requires the control of living vegetation and the management of dead remains of previously living vegetation, to the extent that areas treated in terms of the Agreement are free from any form of vegetation (dead or otherwise) which may obstruct, hinder or interfere with operational activities, or have the potential to damage equipment or facilities, on tracks or other areas included in the Agreement.
- 1.1.2. The ways and means by which the above-mentioned results are obtained are the responsibility of the Supplier. Transnet Freight Rail, however, shall have the right to monitor the materials and activities of the Supplier to ascertain that all procedures and herbicidal applications are in accordance with his/her tender, the relevant legislation and are conducive to the achievement of long-term control of vegetation. Such right of monitoring shall be entirely without prejudice to Transnet Freight Rail and shall in no way relieve the Supplier of his/her responsibility for satisfactory control of vegetation.
- 1.1.3. Failure to comply with the minimum performance proposed by the Supplier in his/her tender may form the basis for non-payment for work done, pending the achievement of control as defined and/or termination or cancellation of the Agreement.
- 1.1.4. The Supplier must obtain his/her own information regarding the extent, occurrence and the species of the vegetation over the work area. He/she must also determine the best method to control the vegetation.
- 1.1.5. The Agreement will only be awarded to a tenderer who has the required experience in the application of herbicides in Southern Africa as stipulated in terms of the Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, Act 36 of 1947.

### **1.2. OVERVIEW OF THE WORKS**

The Agreement covers the control of vegetation in mainly yards including declared weeds and declared invader plants, by means of chemical herbicides on Transnet property, to the extent that areas treated chemically or otherwise in terms of this Agreement are rendered and maintained free from obstructing vegetation as defined for the periods specified herein.

### **1.3. PERFORMANCE BOND:**

- 1.3.1. Transnet Freight Rail requires a Performance Bond of 10% of the total value of the Agreement as security for the due and faithful performance by the Supplier of all the duties and obligations resting upon and assumed by him in terms of the Agreement.
- 1.3.2. The Performance Bond is to be returned to the Supplier upon completion of the Agreement after certification from the Project Manager that all Agreement requirements have been met

### **1.4. EXTENT OF THE WORKS**

The service information briefly consists of the following:

- The control of vegetation, including declared weeds and declared invader plants by means of chemical herbicides of mainly yards as indicated in the Schedule of Requirements.
- The execution of the works shall include any work arising from or incidental to the service information or required of the Supplier for the proper completion of the

Agreement in accordance with the true meaning and detail of the Agreement documents.

- The Supplier shall obtain his/her own information regarding species occurrence and extent of vegetation to be controlled in order to comply with the required standards.

1.4.1. The extent of the work consists of mainly yards as indicated in the Schedule of Requirements.

1.4.2. The performance due by the Supplier shall include any work arising from or incidental to the above or required of the Supplier for the proper completion of the Agreement in accordance with the true meaning and intent of the Agreement documents.

1.4.3. The Supplier shall obtain his/her own information regarding species, occurrence and extent of vegetation to be controlled in order to comply with the required standards.

## **1.5. LOCATION OF THE WORKS**

1.5.1. The location of the works is as indicated in the Prices List and is in the geographical area controlled by the Depot Engineer (As per schedule of quantities).

1.5.2. Transnet Freight Rail's representative will provide one-copy schematic diagrams to the successful tenderer, indicating the areas to be treated.

## **1.6. DURATION OF AGREEMENT**

The work provides for the control of vegetation for commencing on the date of notification of acceptance of tender with Transnet Freight Rail for a period of **24 months**.

## **2. GENERAL MAINTENANCE ASPECTS**

### **2.1. WORK SPECIFICATIONS**

2.1.1. Standard Specifications.

The following standard Specifications will be applicable to this Agreement:

- SANS 1200A – General
- SABS Code of Practices no 0206-1983 "Safety procedures for the disposal of surplus pesticides and associated toxic waste."

2.1.2. Generic Specifications:

The following Generic Specifications will be applicable to this Agreement:

- Transnet generic specifications.
- E4E (August 2006): Safety arrangements and procedural compliance with the Occupational Health and Safety Act, Act 85 of 1993 and regulations.
- E7/1 (July 1998); Specifications for works on, over, under or adjacent to railway lines and near high voltage equipment.

### **2.2. PLANT AND MATERIAL**

2.2.1. Any plant and/or equipment provided to the Supplier at the beginning of the Agreement shall be returned to Transnet Freight Rail in the same condition, normal wear and tear accepted. Any loss or damage shall be made good by the Supplier, or the value thereof will be deducted from moneys falling due to him/her.

2.2.2. The Supplier shall provide written certification of compliance with specification of any materials (chemical) or equipment supplied by him / her.

## **2.3. CONSTRUCTION EQUIPMENT**

All equipment necessary to execute the works shall be supplied by the Supplier.

## **2.4. EXISTING SERVICES**

2.4.1. Reinstatement of services and property damaged during execution of the work.

2.4.2. Any damages caused by the Supplier to Transnet property and services shall be rectified by the Supplier at his own cost and to the full satisfaction of the Transnet Freight Rail's representative.

## **2.5. SITE ESTABLISHMENT**

### **2.5.1. SERVICES AND FACILITIES PROVIDED BY THE EMPLOYER:**

2.5.1.1. In the case of a Agreement for vegetation control the following will be provided free of charge:

2.5.1.2. Water as required from Transnet Freight Rail's existing points of supply; such water may be untreated, chemically treated or borehole water. The Supplier shall be responsible for all work and equipment needed to fill the water trucks or spray units from the water point provided and to ensure that the water is suitable for its intended use. These water points may be up to 200km apart.

2.5.1.3. Road vehicle accessibility via service roads to the work site is not always possible.

2.5.1.4. Inspections of the areas of work by motor trolley may be arranged with the Project Manager's Deputy, but will have to coincide with normal track inspections carried out by the inspection /technical staff of the Depot. The Project Manager's Deputy shall be given timeous notice (4 calendar weeks) of the Supplier's intention to inspect.

2.5.1.5. Any plant and/or equipment provided to the Supplier at the beginning of the Agreement shall be returned to Transnet Freight Rail in the same condition, normal wear and tear accepted. Any loss or damage shall be made good by the Supplier, or the value thereof will be deducted from moneys falling due to him/her.

### **2.5.2. TO BE PROVIDED BY THE SUPPLIER**

2.5.2.1. In addition to all labour materials, plant, equipment and incidentals needed to complete the work, the Supplier shall provide all accommodation and toilet facilities for his/her employees.

2.5.2.2. The Supplier shall provide safe and secure storage facilities for all herbicides or chemicals brought onto and in use on the site. Such facilities shall be capable of ensuring that unauthorised persons or animals cannot gain access to such chemicals.

2.5.2.3. The Supplier shall provide at his/her own cost any security measures he/she may deem necessary for safe and effective execution of the work within the Agreement area.

2.5.2.4. The personnel of the Supplier shall at all times, while on Transnet Freight Rail property and during vegetation control operations, wear reflective safety jackets. These jackets must either be yellow or light blue and preferably bear the name of the Supplier's company.

Should the Supplier wish to use another colour this must first be cleared with the Project Manager's Deputy or his/her deputy.

- 2.5.2.5. An effective safety procedure to be followed by all personnel on any Transnet Freight Rail work site shall be compiled by the Supplier and implemented before any work commences. The procedure shall be updated whenever the need arises and any changes shall be communicated to all employees on a work site before work proceeds.

### **3. MANAGEMENT OF THE WORKS**

#### **3.1. SITE MEETINGS**

The Supplier shall attend site meetings when required. These meetings will be held under the chairmanship of Transnet's representative. These meetings will be conducted to monitor progress and discuss agreed issues when required. A register will be kept of attendance and a minute of the proceedings will be recorded and distributed afterwards. When sub-Suppliers are required to attend, the Supplier shall ensure their attendance.

#### **3.2. SITE BOOKS**

- 3.2.1. A Site Instruction Book, A4 size, with triplicate pages shall be provided by the Supplier. The format for written communication on site shall be the Site Instruction Book. The site instruction shall have numbered sheet for receiving and recording instructions by the Employer's representative and shall be clearly marked "Site Instruction Book".
- 3.2.2. A Daily Diary Book with triplicate pages shall be provided by the Supplier and be available on site at all times. The number of staff and plant on site for every day shall be recorded. The hours of actual work and the accurate amount of work measured per item as in the Schedule of Requirements completed for each day shall also be recorded and signed off by both Transnet Freight Rail (TFR) and the Supplier at the end of each day. This site diary shall also serve as a daily record of all relevant information concerning herbicide application and site conditions prevailing on site and as required in terms of section 16 of Act 36 of 1947.
- 3.2.3. Only persons authorised in writing by the Project Manager or Supplier may make entries in the site books.

#### **3.3. PROGRAMME OF WORK**

- 3.3.1. The Supplier shall undertake the planning and programming of the entire vegetation control operation and shall submit to the Project Manager's Deputy for approval full particulars thereof within 2 weeks from the date of notification by Transnet Freight Rail of the acceptance of his/her tender or the commencement of the annual rainy season as the case may be.
- 3.3.2. The particulars to be provided in respect of the Supplier's vegetation control programme shall include but not be limited to the following:
- 3.3.3. An assessment, based on a proper site investigation of the nature and types of vegetation to be controlled in the Agreement area,
- 3.3.4. The appropriate methods and procedures to be implemented by him/her to achieve the standards of vegetation control required in terms of the Agreement,
- 3.3.5. The chemicals to be applied, design mixes, rates of application and the timing and number of applications.

- 3.3.6. The methods and procedures to be implemented in mixing of chemicals pertaining to health and safety, quality control, protection of third parties and security,
- 3.3.7. The Supplier shall conduct regular site investigations and monitoring procedures for the purpose of:
- Ascertaining the nature of weed infestation and factors that could influence the work;
  - monitoring the standard of weed control achieved;
  - identifying any damage or hazards which may have been caused by the weed control operation, and
  - planning of timeous execution of remedial work where control is not being achieved.
- 3.3.8. The Supplier's programme shall allow for commencement with the initial application of chemicals at the appropriate timing, i.e. coinciding with the initial rainy season, for achieving maximum success and for completion in the shortest possible time, but not later than **six** weeks after commencement of the initial application.
- 3.3.9. The programme shall be based on the quantities and numbers of worklots shown in the Schedule of Requirements.
- 3.3.10. In addition to the annual programme provided the Supplier shall submit daily working programmes to the Project Manager's Deputy, 7 days in advance of the next working week, indicating the specific areas where the Supplier will be working each day of the week. Failure by the Supplier to submit a daily programme and/or deviating from it without notifying the Project Manager's Deputy, preventing him/her from monitoring the Supplier's performance, may result in payment for such work being withheld.

#### **3.4. PERFORMANCE MONITORING AND EVALUATION / INSPECTIONS**

- 3.4.1. The Supplier shall at all times be responsible for supervision of the work and for follow-up inspections to monitor the successful control achieved over areas of completed application. He/she shall immediately take appropriate remedial action in areas where the specified standards of control are not achieved.
- 3.4.2. The Project Manager's Deputy shall at any time during the application periods carry out inspections of the Supplier's performance methods and procedures. He/she may at any time take samples of the chemicals applied and arrange for the testing thereof. Where test-samples fail to conform to the specifications the costs of testing will be recovered from the Supplier and he/she may be ordered by the Project Manager's Deputy to re-treat entire worklots or sections where such chemicals were applied.
- 3.4.3. The Project Manager's Deputy will during each growth season carry out **[two / three]** official inspections of the work for the purpose of measuring progress and evaluating whether control, as defined, has been achieved. The inspections shall be performed visually and the Supplier shall be present or forfeit his/her right to dispute the measurements and evaluation of the Project Manager's Deputy.
- 3.4.4. The first inspection shall be done at, or within [20] weeks after completion of the Supplier's initial spraying programme and after he/she has notified the Project Manager's Deputy that he/she has inspected the work and that control has been achieved. This inspection may be brought forward but not by more than four (4) weeks.
- 3.4.5. The second inspection of the season will be carried out at, or within [36] weeks after completion of the Supplier's initial spraying programme and after he/she has notified the Project Manager's Deputy that he/she has inspected the work and that control has been achieved. This inspection may be brought forward but not by more than four (4) weeks.

3.4.6. During each of these inspections the worklots treated will each be measured and evaluated. A worklot that does not comply with the specified level of control will be recorded as a "rejected worklot".

3.4.7. The rejection of worklots that do not comply with the standard of control for individual worklots will be final and valid for that inspection in that particular year.

The rejection by the Project Manager's Deputy of work performance may be contested by the Supplier only at the time and place of rejection.

The rejection of a worklot at a particular inspection shall remain final for that inspection for payment purposes, notwithstanding the fact that the Supplier may execute further remedial work in order to achieve control at further and final inspections.

3.4.8. In the case where the Project Manager's Deputy and the Supplier fail to agree on whether a worklot has failed, the worklot shall be recorded as a "disputed worklot" and the Supplier shall prepare an appropriate record of all disputed worklots in order that such disputes may be resolved by way of the disputes resolution procedures stipulated in the clause 25 of the standard terms and conditions of contract for the provision of services to Transnet (form US7-Services).

#### 4. ENVIRONMENTAL REQUIREMENTS

##### 4.1. COMPLIANCE WITH STATUTES

4.1.1. The Supplier's procedures for the procurement, storage, handling, transportation, application and general use of chemicals shall comply with all applicable legislation, Codes of Practice and Local, Regional or Provincial Authorities, including but not restricted to:

- a) The Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act (Act 36 of 1947) as amended.
- b) The Hazardous Substance Act (Act 15 of 1973) as amended.
- c) The Water Act (Act 54 of 1956) and the Water Amendment Act (Act 96 of 1984)(where applicable).
- d) The National Environmental Management Act (Act 107 of 1998).
- e) SABS Code of Practice No. 0206-1985 "Safety procedures for the disposal of surplus pesticide and associated toxic waste".
- f) Conservation of Agricultural resources Act (Act 43 of 1983) as amended.
- g) Common law of nuisance.
- h) Mountain Catchment Area Act (Act 63 of 1970).
- i) The National Veld and Forest Fire Act (Act 101 of 1989)

4.1.2. The Supplier's authorised representative on site shall be a **registered Pest Control Operator**, specialising in the field of **weed control** and registered in terms of the Farm Feeds Agricultural and Stock Remedies Act, Act 36 of 1947 as amended. A registered Pest Control Operator shall be in direct control of work taking place on site.

In the event of work taking place on numerous sites at the same time, the Supplier must ensure that there is a registered Pest Control Operator on each site.

##### 4.2. DAMAGE TO FAUNA AND FLORA

4.2.1. The Supplier shall ensure that his/her employees at all times exercise care and consideration for the fauna and flora within and adjacent to the area to be sprayed.

4.2.2. The Supplier shall not apply any chemicals of an explosive, inflammable, highly volatile or corrosive nature, which may damage crops vegetation or property or be hazardous to humans or animals. The Supplier shall assume full responsibility for the efficiency and safety of whatever chemicals are used.

4.2.3. Dumping or polluting of any kind will not be permitted. This stipulation is also applicable to the washing out of tanks and equipment containing harmful chemicals and pollutants.

The Supplier shall institute and maintain procedures for the safe disposal of all chemicals and residual materials originating from the execution of the works.

Containers and residual material shall not be disposed of on Transnet Freight Rail property or as part of Transnet Freight Rail refuse.

4.2.4. The Supplier shall take particular note of environmentally sensitive areas and shall plan and execute his/her work with the utmost care and responsibility.

## 5. PARTICULAR SPECIFICATIONS

This part covers the techniques, types and use of spraying equipment, required standards of workmanship, inspections, measurement, payment, and acceptability of the works in respect of the control of vegetation required in terms of the Agreement.

### 5.1. DEFINITIONS

5.1.1. **Project Manager's Deputy.** Any person appointed by the Employer to deputise for him / her in supervising and carrying out the Agreement.

### 5.1.2. CONTROL

5.1.2.1. Control is achieved when all existing or potential growth of vegetation is permanently impaired or destroyed by the application and effects of chemical herbicides, to the extent that:

- The constituent parts of all plants occurring within the area of treatment (worklots) cease to exist as living organisms or entities; and
- the development of new growth of plants from dormant seeds is effectively counteracted or suppressed, for at least the growing season of the year in question; and
- there are no dead or dry remains of any vegetation within the treated area (worklot), which may constitute a hazard, danger, or hindrance to Transnet Freight Rail personnel, equipment trucks or operations.

5.1.2.2. Control constitutes a process or situation where the destruction of vegetation on treated areas occurs on an **on-going basis** and not only at the time of measurement and payment inspections.

### 5.1.3. WORKLOTS

5.1.3.1. A WORKLOT is a subdivision of any area on which the Supplier shall control vegetation.

- In the case of yards and areas of a worklot will be areas of 300m<sup>2</sup> each.
- Worklots in yards, depots/areas are not demarcated individually. The number of worklots within any area to be treated is calculated by dividing the total

surface area by the surface area of single worklot i.e. 300 square metres.

- In yards, depots/areas where control is required worklots may be irregular in shape. For inspection and payment purposes, worklots shall be physically measured where necessary. In such instances the Project Manager's Deputy shall decide in advance and advise the Supplier accordingly, of the method of measurement to be adopted in any particular area.
- In yards, depots/areas worklots will normally be measured parallel to the main direction of the track work present, or parallel to the main axis of any other area. Worklots will not be measured individually in different directions but will form part of a pattern of continuous and parallel worklots covering, in the most effective manner possible, the surface of any particular area.
- A worklot for cable routes will normally be areas of 0.75m wide on both sides and parallel to the cable route and 200m long.

5.1.3.2. **However, if any provisional worklot has been sprayed under this Agreement the previous year and the same worklot is again sprayed the next year, payment for the second and consecutive years sprayed would be at the normal rate applicable for that area and the work would be considered as additional work to the Schedule of Requirements.**

5.1.3.3. Formation is the finished earthworks surface upon which the track is laid.

5.1.3.4. Ballast means that part normally consisting of crushed stone, gravel, ash or muck, (the material placed on the formation to support the track superstructure).

5.1.3.5. Declared weeds means category 1 plants and declared invader plants means category 2 and 3 plants proclaimed under the Conservation of Agricultural Resources Act, Act No. 43 of 1983, including amendments (GN Regulation 1048 of 25/05/1984 amended by GN Regulation 280 of 30/03/2001) thereto.

5.1.3.6. Spraying means the even and uniform application of chemical herbicides at the rate specified and applies to liquid, granular or any other formulation.

## **5.2. METHOD OF VEGETATION CONTROL**

5.2.1. The Supplier's methods and program shall provide rapid and effective control in all areas. Techniques, programming and chemicals employed shall therefore be directed at this aim. The Supplier shall carry out immediate treatment of growth in all instances where rapid and effective control is not achieved during any period of the Agreement.

5.2.2. Where a chemical approach to vegetation control is adopted, hoeing (skoffel) will not be allowed as method of achieving control. Herbicides which act as a scorching agent (e.g. with Paraquat or similar active ingredient) are incapable of meeting the definition of control and shall not be used. Scorching of canopy growth only shall not constitute control of vegetation as defined. Slashing of dead material to below the height specified in 5.3.3. will be permitted.

5.2.3. Vegetation control in terms of the Agreement will normally be required in respect of the yards. The type of herbicides and the methods of application to be employed are as specified in the applicable returnable documents (clause 8.2) and are subject to the approval of, and monitoring by the Project Manager's Deputy.

- 5.2.4. The Project Manager's Deputy's approval shall first be obtained for use of other herbicides.
- 5.2.5. Application methods shall, however, be entirely in accordance with the manufacturer's specifications and recommendations for safe and effective use of the herbicides or herbicide mixtures concerned.
- 5.2.6. Any deviation from the method of work submitted as per the applicable returnable document (Clause 8.2) by the Supplier shall be subject to the approval of the Project Manager's Deputy.

### 5.3. STANDARDS OF WORKMANSHIP

- 5.3.1. Standard of vegetation control for individual worklots.
- 5.3.2. Vegetation control shall be such that there is no live vegetation growth (including creepers) exceeding 150mm in any dimension, occurring in the worklot, nor more than fifteen (15) live plants of any lesser size.

This excludes overhanging canopy growth of plants: -

- (a) with rootstock established entirely outside the worklot.
- (b) with rootstock established on the boundary of the worklot, provided that:
- control was achieved over the remainder of the worklot.
  - a clear spray line is visible, showing that herbicide was effectively applied over the entire surface of the worklot.
  - the Supplier took the presence of such growth into account and that the choice of herbicides and chemical use was adjusted accordingly.
  - The boundary concerned is not the boundary of an adjoining worklot.

This exception does not apply in the case of creeping grasses (e.g. Cynodon) with nodal rooting within the worklot even though such growth may originate from a plant outside the worklot.

- 5.3.3. In addition, there shall be no dry or dead remains of vegetation within the worklot greater than 150mm in height and of a density such that it constitutes a hazard, hindrance or danger to Transnet Freight Rail operations, trucks or equipment in the area.

The evaluation to what density of dry or dead growth constitutes a hazard, hindrance or obstruction shall be made by the Project Manager's Deputy.

### 5.4. MANUAL REMOVAL OF VEGETATION

No felling or hoeing of vegetation will be allowed during the two months preceding final inspection. Herbicides may not be applied 2 weeks preceding final inspection for a season or a year's program. All lots where such hoeing and felling or herbicides application were done will be rejected.

For this Agreement, the Supplier should timeously acquaint him/herself with the existing conditions of the sites and ensure that his/her tender prices for the **first year only**, includes all work necessary to achieve the required control, e.g. slashing and removal of debris before or just after spraying. The intention to slash and remove should be cleared with the Project Manager's Deputy prior to work starting.

## 5.5 PRICE ADJUSTMENT FOR INFLATION:

5.5.1A contract price adjustment factor to be determined in accordance with the formula will be applied to allow for all increases or decreases in costs, from any cause whatsoever, which may occur after the closing date of the submission of tenders and before the date of completion.

**The contract price adjustment factor shall be rounded off to six decimal places.**

5.5.2 The formula for the contract price adjustment factor shall be -

$$(1 - x) \left( 0.20 \frac{Lt}{Lo} + 0.05 \frac{Pt}{Po} + 0.70 \frac{Mt}{Mo} + 0.05 \frac{Dt}{Do} - 1 \right)$$

Where  $x = 0,15$  and

$Lo$ ,  $Po$ ,  $Mo$  and  $Do$  are respectively labour, machinery, material and diesel fuel indices ruling for the calendar month four (4) months prior to closing date of the tender;

$Lt$ ,  $Pt$ ,  $Mt$  and  $Dt$  are respectively labour, machinery, material and diesel fuel indices ruling for the calendar month four (4) months prior to the date of measurement.

5.5.3 The indices to be used shall be those for the Consumer Price Index, Production Price Index and Contract Price Adjustment Provisions as obtained from the monthly Statistical News Release published by STATS South Africa.

- $Lo$  and  $Lt$  shall be the labour indices as indicated in P0141; Table A; Consumer Price Index: Main Indices; Geographic indices, CPI for primary urban areas.
- $Po$  and  $Pt$  shall be the average of the producer price indices of Metals, machinery, equipment & computing equipment (weighted average of General & special purpose machinery and Household appliances & office machinery) and Transport Equipment (All) in the ratio of 1:1 (P0142.1).
- $Mo$  and  $Mt$  shall be the producer price indices for Intermediate manufactured goods, Table 2, Chemicals, rubber & plastic products (Basic and other chemicals), PO142.1.
- $Do$  and  $Dt$  shall be the producer price indices for selected materials (Diesel fuel, Coast & Witwatersrand) (Contract Price Adjustment Provisions, CPAP, P0151, Table 4).

5.5.4 When the value of an index at the time of calculation is not known the latest available index shall be used and any correction necessary shall be made by addition or subtraction in subsequent monthly payment certificates.

5.5.5 The amounts to be added to or subtracted from the monthly payment certificates shall be calculated by multiplying the amount certified for payment for that month (but excluding amounts not subject to price adjustment) by the contract price adjustment factor for that month.

5.5.6 Adjustment to measurements of previous months' quantities will be included in calculation of the amount certified for payment and will therefore be subject to the price adjustment factor of the current measurement month.

5.5.7 Any additions to or deductions from the amount payable, brought about by the application of the contract price adjustment factor, shall be deemed to have made full allowance for all increases or decreases in cost from any cause whatsoever, including all overhead costs as well as any increases and decreases therein, and profit.

5.5.8 Value added tax shall be excluded from individual payment item rates and price adjustment indices as it will be added to the total of the month's measurement, after price adjustment have been made in terms hereof.

5.5.8. Value added tax shall be excluded from individual payment item rates and price adjustment indices as it will be added to the total of the month's measurement, after price adjustment have been made in terms hereof.

5.5.8.1. The Price Adjustment Factor calculated at the completion of the works is used for calculating price adjustment after this date.

## 5.6. REMEDIAL WORK

5.6.1. The Supplier shall carry out remedial work to all worklots where control has not been achieved, prior to the official inspections taking place. Such remedial work shall include the removal of dry or dead growth with any dimensions in excess of 150mm and forming a nuisance or hazard to Transnet Freight Rail operations, from the treated worklots.

5.6.2. The Project Manager's Deputy may, at any time after the first measurement order the Supplier to carry out remedial action, to commence within 2 weeks after being so ordered. Prior to the commencement of this proposed remedial action an envisaged remedial work program must be submitted to the Project Manager's Deputy for his/her approval. Failing to do so the Project Manager's Deputy may arrange for such action to be carried out by others at the cost of the Supplier.

5.6.3. Hoeing (skoffel) will not be allowed on its own as a remedial action.

5.6.4. Fire may not be used as a method of vegetation control or as a method of remedial action.

## 5.7. OVERALL CONTROL

5.7.1. The overall standard of control to be achieved by the Supplier over the Agreement area, defined as "Overall Control" and expressed as a percentage, will be determined by application of the following formula;

$$\text{Overall Control} = \frac{(\text{Worklots treated} - \text{Worklots rejected})}{\text{Worklots treated}} \times 100$$

5.7.2. The standard of "Overall Control" (service level table) to be provided on each district by the Supplier shall be:

YEAR	1	2 and Consecutive years
Minimum % of the total work, which shall comply, with the standard of control for individual work-lots.	80	90

5.7.3. Failure by the Supplier to achieve the standard of "Overall Control" shall constitute a material breach of Agreement by the Supplier, which will entitle the Employer to act in terms of the standard terms and conditions of contract for the provision of services to Transnet (form US7- Services).

## **6. GENERAL SPECIFICATIONS**

### **6.1. GENERAL**

- 6.1.1. E4E (January 2004) – Safety Arrangements and Procedural Compliance with the Occupational Health and Safety Act.
- 6.1.2. Specification E7/1 (Jul 1998): Specification for works on, over, under or adjacent to railway lines and near high voltage

### **6.2. HEALTH AND SAFETY**

- 6.2.1. The Supplier shall at all time comply with safety rules, regulations and legislation, as well as Transnet Freight Rail (TFR) Safety Guidelines for Infrastructure (Latest Edition).
- 6.2.2. The Supplier shall at all times comply with the Basic Conditions of Employment Act as well as all other relevant labour legislation. The Supplier must conduct his own formal risk assessment to identify all risks. The Supplier is to clearly indicate in his tender submission the processes and procedures he intends implementing to mitigate the total of all these risks: e.g.
- Working with herbicides
  - live OHTE
  - Executing work on one line while a normal train service is running on adjacent line/s
  - Sanitation and refuse disposal as a threat to the environment.
- 6.2.3. The Supplier shall be responsible to ensure the use of only technically competent trained staff on all types of work. The Supplier will have to ensure that the Supplier's personnel operating his/her own locomotives, haulage equipment, road rail vehicles or any other track vehicles on Transnet Freight Rail lines undergo a Transnet Freight Rail Operating course and also receive a certificate of track section competency. This cost is to be borne by the Supplier.
- 6.2.4. The Supplier shall ensure that all workers are appropriately equipped and wearing Personal Protective Equipment (PPE) and that Safety Talks are conducted and noted in the Site Diary before the start of every shift.
- 6.2.5. The Supplier shall be responsible to ensure that site staff are always competently trained with regards to Electrical Awareness Training.
- 6.2.6. The Supplier shall be responsible to ensure that workers working on machines (high risk areas), operators, machine fitters, area Project Manager's Deputies and Agreement 'supervisors' site staff are always competently trained with regards to PWC Electrical Educational Training.
- 6.2.7. The Supplier shall also be responsible to ensure that Agreement managers in charge of sites are always competently trained with regards to COM Competency Electrical Training (to follow PWC Training).
- 6.2.8. The Supplier shall ensure that all his employees undergo medical surveillance where required by legislation.
- 6.2.9. Non-compliance with safety requirements will result in an immediate suspension of work without payment.

- 6.2.10. Where training is required by the Supplier and Transnet Freight Rail (TFR) is committed to provide training, the Supplier shall qualify his tender as to what and how many staff, training will be required for. After award of the Agreement, the Supplier shall then arrange with the appropriate Transnet Freight Rail (TFR) representative, through the Project Manager's Deputy, for this training / testing.

*The following training shall be arranged for the following Suppliers staff:*

Course	Objective	Duration & trainer	Grade to attend
A) <b>Awareness</b> (Electrical)	To inform all Suppliers staff working near a machine and on the line on electrified sections of the dangerous situations of high voltage OHTE	Two hour on-the-job lecture and training. <b>Accredited Electrical trainer / Depot's Electrical Supervisor</b>	• All workers and staff working on the Agreement
B) COM <b>Competency</b> (Electrical) (To follow A)	Work permits safe working procedures under the direct supervision of a responsible representative.	Lecture room training = 0,25 d On-the-job training = 0,25 d Criterion test = 0,5 days Total = <b>1 day</b> <b>Accredited Electrical trainer</b>	Supervisor (Responsible person in charge at machine working)

- The electrical awareness training must be arranged for beforehand on-the-job.
- The electrical educational and competency training may be arranged for at either a depot's lecture room's (Transnet Freight Rail (TFR) property), or at a venue of the Suppliers choice (Suppliers cost).

## 7. PRICING INSTRUCTIONS

### 7.1. GENERAL

- 7.1.1. Measurement and payment shall be in accordance with relevant provisions of clause 8 of each of the SANS 1200 Standardised Specifications for Civil Engineering Construction referred to in the Service Information.
- 7.1.2. The units of measurement described in these Schedule of Requirements are metric units. Abbreviations used in the Schedule of Requirements are as follows:

%	=	percentage
h	=	hour
ha	=	hectare
kg	=	kilogram
kl	=	kilolitre
km	=	kilometre
l	=	litre
m	=	metre
No.	=	number
Prov sum	=	Provisional sum
Sum	=	Lump sum
W/day	=	Work day

R/only                =        Rate only  
Worklot             =        area totalling 300m<sup>2</sup>

7.1.3. For the purpose of these Schedule of Requirements, the following word shall have the meanings assigned to them:

Unit:                The unit of measure for each item of work as defined in the COLTO Standard specification.

Quantity:          The number of units of works for each item.

Rate:                The agreed payment per unit measurement.

Amount:            The product of the quantity and the agreed rate for an item.

7.1.4. No allowance is made for waste on items in the Schedule of Requirements.

7.1.5. It will be assumed that the prices included in the Schedule of Requirements are based on Acts, Ordinances, regulations, By-laws, International Standards and National Standards that were published 28 day before the closing date for tenders.

7.1.6. Such prices and rates cover all costs and expenses that may be required for the execution of the works described in accordance with the provisions of the Service Information, and shall cover the cost of all general risks, liabilities and obligations set forth or implied in the Agreement Data, as well as overhead charges and profit.

7.1.7. The quantities set out in the Schedule of Requirements are estimated and may be more or less than stated. The Supplier shall submit with his/her tender a complete and detailed priced Schedule of Requirements (prepared in black ink) for the Works.

7.1.8. Each item shall be priced by the Tenderer. If the Supplier has omitted to price any items in the Schedule of Requirements, the cost of the work included in such items will be held to be spread over and included in the prices given in the other items of work.

7.1.9. Payment for this Agreement shall be based on the Schedule of Requirements and the payment will be made in accordance with the rates tendered in the Schedule of Requirements.

The absence of stated quantities in the Schedule of Requirements is no guarantee that none will be required. Reasonable prices should therefore be inserted for every item as these prices may be considered in adjudication of tenders.

The short descriptions of the items in the Schedule of Requirements are for identification purposes only.

Items classified as "provisional worklots" in the Schedule of Requirements indicate that there is no certainty about the amount of work, which will be required. In this Agreement the provisional items, where applicable, are for the treatment of areas, which are not necessarily treated annually. These areas will be measured per provisional worklot as defined in 5.1.3 and stated in the Schedule of Quantities. The standard of control for individual worklots shall apply.

## 7.2. MEASUREMENT AND PAYMENT

- 7.2.1. Payment will be based on the numbers of worklots treated as instructed by the Supervisor and to which the Supplier successfully applied the vegetation control measures and has achieved the standard of control defined in clause 5.3.
- 7.2.2. No payment will be made for rejected worklots where control achieved does not meet the standards of control specified.
- 7.2.3. Measurement and payment for the work completed will be made in [3] stages.
- 7.2.4. After completion of the initial spraying of the entire Agreement area the Supervisor or his deputy and the Supplier will measure the work performed (number of worklots sprayed). The Supplier will thereafter receive payment at [50%] of the rates tendered for all of the completed work.
- 7.2.5. A second measurement and evaluation will be made concurrent with the first official inspection conducted in accordance with clause 3.4.4. The Supplier will thereafter receive payment at [25%] of the rates tendered for all worklots where control as specified has been achieved or clear signs are evident that control is in the process of being achieved.
- 7.2.6. A third measurement and evaluation will be made concurrent with the second official inspection conducted in accordance with clause 3.4.5. The Supplier will thereafter receive payment at [25%] of the rates tendered for all worklots where control has been achieved.

## **8. LIST OF RETURNABLE DOCUMENTS**

The tenderer must include the schedules and documents listed below in the tender document for tender evaluation purposes.

### **8.1. RETURNABLE SCHEDULES.**

Please complete the schedules and return with the tender document

- Certificate of Attendance at Clarification Meeting
- Schedule of the Tenderer's Experience
- Schedule of Subcontractors
- Schedule of Plant and Equipment
- Record of Addenda to Tender Documents
- Certificate of authority for joint ventures (where applicable)
- Form of Intent to provide Performance Bond
- Compulsory Enterprise Questionnaire
- CV of key personnel.
- Certificate of Authority for joint ventures
- Supplier Declaration form

### **8.2. RETURNABLE DOCUMENTS**

- Certificate of Authority for Signatory (Resolution by Board)
- An original valid Tax Clearance Certificate issued by the South African Revenue Services.
- Letter of Good Standing with the Compensation Commissioner
- Safety Plan in accordance with the Construction Regulations, 2003(refer to the E4E (August Transnet 2006)
- Environmental Plan

- Method and detail of process including –
  - List of registered herbicides to be used in the work, supported by full specimen labels.
  - Application rates of herbicides to be applied
  - Product mixtures
  - Detail and function of personnel to carry out operation
  - Work rates of the unit(s) per day List of support resources to carry out operation
- Proposed Amendments and Qualifications
- Proposed Organization and Staffing structure including quantity of personnel to be trained in aspects of safety.
- Certified copies of latest Pest Control Operators registration certificates of the supervisory staff.

"PREVIEW COPY ONLY"

**Schedule of Quantities**  
**Contract No. SIW**  
**KIMBERLEY NORTH YARDS - Stations**

A									
ITEM	Description	m <sup>2</sup>	Ha	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
	<b>Stations</b>								
1.00	Veertienstrome	27 300.000	2.7300	91.000					
2.00	Warrenton	164 400.0000	16.4400	548.0000					
3.00	Winsorton Road	33 000.0000	3.3000	110.0000					
4.00	Riverton	26 700.0000	2.6700	89.0000					
5.00	Macfarlane	26 400.0000	2.6400	88.0000					
6.00	Kamfersdam	27 000.0000	2.7000	90.0000					
7.00	Kimberley	59 400.0000	5.9400	198.0000					
8.00	Beaconsfield	350 400.0000	35.0400	1 168.0000					
9.00	Mid Uitwyk	3 900.0000	0.3900	13.0000					
10.00	Fieldsview Uitwyk	3 900.0000	0.3900	13.0000					
11.00	Weir Uitwyk	7 800.0000	0.7800	26.0000					
12.00	Barkley Wes	18 600.0000	1.8600	62.0000					
13.00	Winters Rush Uitwykke	6 300.0000	0.6300	21.0000					
14.00	Borrelskop Uitwykke	6 900.0000	0.6900	23.0000					
15.00	Ulco	25 200.0000	2.5200	84.0000					
16.00	Ghaap Uitwyk	4 500.0000	0.4500	15.0000					
17.00	Olea Uitwyk	3 300.0000	0.3300	11.0000					
18.00	Koopmansfontein	9 300.0000	0.9300	31.0000					
19.00	Plateau Uitwyk	5 100.0000	0.5100	17.0000					
20.00	Arriesfontein Uitwyk	6 600.0000	0.6600	22.0000					
21.00	Silverstreams	12 000.0000	1.2000	40.0000					
22.00	Lime Acres	26 100.0000	2.6100	87.0000					
23.00	Postmansburg	231 300.0000	23.1300	771.0000					
24.00	Glosham	27 300.0000	2.7300	91.0000					
25.00	Lohatla	22 200.0000	2.2200	74.0000					
26.00	Sishen	14 310.0000	1.4310	47.7000					
27.00	Wincanton	13 800.0000	1.3800	46.0000					

**Schedule of Quantities**  
**Contract No. SIW**  
**KIMBERLEY NORTH YARDS - Stations**

A									
ITEM	Description	m <sup>2</sup>	Ha	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
28.00	Mamatwane	16 500.0000	1.6500	55.0000					
29.00	Manganese	3 300.0000	0.3300	11.0000					
30.00	Hotazel	29 400.0000	2.9400	98.0000					
31.00	Showground	13 561.0000	1.3561	45.2033					
32.00	Kloofeind	14 505.0000	1.4505	48.3500					
33.00	Olienhoutplaat	15 343.0000	1.5343	51.1433					
34.00	De Brug	19 623.0000	1.9623	65.4100					
35.00	Immigrant	14 997.0000	1.4997	49.9900					
36.00	Petrusberg	19 023.0000	1.9023	63.4100					
37.00	Perdeberg	7 896.0000	0.7896	26.3200					
38.00	Bosvark	7 896.0000	0.7896	26.3200					
39.00	Olifantskop	9 297.0000	0.9297	30.9900					
40.00	Alex	291 900.0000	29.1900	973.0000					
<b>SUB TOTAL KIMBERLEY NORTH YARDS</b>		<b>1 626 251.000</b>	<b>162.6251</b>	<b>5 420.837</b>					
<b>10 % PROVISIONALS</b>		<b>162 625.100</b>	<b>16.263</b>	<b>542.084</b>					
<b>TOTAL KIMBERLEY NORTH YARDS</b>		<b>1 788 876.100</b>	<b>178.888</b>	<b>5 962.920</b>					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B	SIGNAL BOXES								
B 1	A-794	1.230	6	0.02					
B 2	A-791	2.020	6	0.02					
B 3	A-790	2.040	6	0.02					
B 4	A-789	2.080	6	0.02					
B 5	A-788	2.090	6	0.02					
B 6	A-787	2.240	6	0.02					
B 7	A-785	2.280	6	0.02					
B 8	A-784	2.290	6	0.02					
B 9	A-783	2.490	6	0.02					
B 10	A-782	2.590	6	0.02					
B 11	A-781	2/x14	6	0.02					
B 12	A-780	A18	6	0.02					
B 13	A-778	160.230	6	0.02					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 14	A-777	160.230	6	0.02					
B 15	A-772A	3.340	6	0.02					
B 16	A-772B	3.340	6	0.02					
B 17	A-771A	3.640	6	0.02					
B 18	A-771B	3.640	6	0.02					
B 19	A-770A	3.770	6	0.02					
B 20	A-769	4.160	6	0.02					
B 21	A-768A	4.230	6	0.02					
B 22	A-767A	4.430	6	0.02					
B 23	A-766A	4.480	6	0.02					
B 24	A-766B	4.480	6	0.02					
B 25	A-766C	4.480	6	0.02					
B 26	A-765A	5.130	6	0.02					
B 27	A-765B	5.130	6	0.02					
B 28	A-765C	5.130	6	0.02					

## Schedule of Quantities

### Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 44	A-761B	5.630	6	0.02					
B 45	A-761C	5.630	6	0.02					
B 46	A-760A	6.010	6	0.02					
B 47	A-760B	6.010	6	0.02					
B 48	A-760C	6.010	6	0.02					
B 49	A-759A	6.330	6	0.02					
B 50	A-759B	6.330	6	0.02					
B 51	A-758A	6.460	6	0.02					
B 52	A-757A	6.670	6	0.02					
B 53	A-757B	6.670	6	0.02					
B 54	A-757C	6.670	6	0.02					
B 55	A-757D	6.670	6	0.02					
B 56	A-757E	6.670	6	0.02					
B 57	A-755A	6.840	6	0.02					
B 58	A-755B	6.840	6	0.02					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 29	A-765D	5.130	6	0.02					
B 30	A-765E	5.130	6	0.02					
B 31	A-764A	4/17	6	0.02					
B 32	A-764B	4/17	6	0.02					
B 33	A-764C	4/17	6	0.02					
B 34	A-763A	5.070	6	0.02					
B 35	A-763B	5.070	6	0.02					
B 36	A-763C	5.070	6	0.02					
B 37	A-763D	5.070	6	0.02					
B 38	A-763E	5.070	6	0.02					
B 39	A-762A	5.410	6	0.02					
B 40	A-762B	5.410	6	0.02					
B 41	A-762C	5.410	6	0.02					
B 42	A-762D	5.410	6	0.02					
B 43	A-761A	5.630	6	0.02					

## Schedule of Quantities

### Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 59	A-755C	6.840	6	0.02					
B 60	A-755D	6.840	6	0.02					
B 61	A-755E	6.840	6	0.02					
B 62	A-754A	6.920	6	0.02					
B 63	A-754B	6.920	6	0.02					
B 64	A-754C	6.920	6	0.02					
B 65	A-753A	7.080	6	0.02					
B 66	A-753B	7.080	6	0.02					
B 67	A-753C	7.080	6	0.02					
B 68	A-753D	7.080	6	0.02					
B 69	A-752	7.770	6	0.02					
B 70	A-751A	7.870	6	0.02					
B 71	A-751B	7.870	6	0.02					
B 72	A-750	8.130	6	0.02					
B 73	A-536A	BD1/14	6	0.02					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 74	A-536	DB1/14	6	0.02					
B 75	A-531A	303/13	6	0.02					
	<b>BEC-RONALDSVLEI</b>		<b>450.000</b>	<b>1.500</b>					
B 76	A-515A+B	306.245	8	0.0267					
B 77	A-516A+B	305.975	8	0.0267					
B 78	A-517+A	305.848	8	0.0267					
B 79	A-518	305.687	8	0.0267					
B 80	A-519	305.253	8	0.0267					
B 81	A-520	304.895	8	0.0267					
B 82	A-531	303.748	8	0.0267					
	<b>KY-KMF</b>		<b>56</b>	<b>0.1867</b>					
B 83	A-529B+C	3.377	14	0.05					
B 84	A-530B+C	3.253	14	0.05					
B 85	VIS CABINET KIMDUSTRIA	3.335	7	0.02					
B 86	A-531	303.748	8	0.03					
B 87	A-530G+H	2.786	14	0.05					
B 88	A-546B	2.394	7	0.02					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 89	A-546D	2.204	7	0.02					
B 90	A-546C	1.928	7	0.02					
B 91	A-546E	1.706	7	0.02					
B 92	A-547A+B	1.683	14	0.05					
B 93	A-548	1.335	7	0.02					
B 94	A-534A+B	302.172	20	0.07					
B 95	A-549+A	0.979	17	0.06					
	<b>KMF-BEC(NUWE VERMY)</b>		<b>143</b>	<b>0.48</b>					

B 96	A-539	302.115	10	0.03					
B 97	A-540	302.086	10	0.03					
B 98	A-541	302.033	10	0.03					
B 99	A-542	302.014	10	0.03					
B 100	A-551	0.245	10	0.03					
B 101	A-552	0.203	10	0.03					
B 102	A-543	301.484	10	0.03					
B 103	A-544	301.484	13	0.04					
B 104	A-545	301.437	10	0.03					
B 105	A-553	0.093	10	0.03					
B 106	A-554	0.055	10	0.03					

**Schedule of Quantities**

**Contract No. SIW**

**KIMBERLEY NORTH YARDS - Signal Boxes**

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 107	A-555	0.019	10	0.03					
B 108	A-556	301.300	10	0.03					
B 109	A-557	301.207	10	0.03					
	KAMFERSDAM		143	0.48					

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## Schedule of Quantities

### Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 110	A-558A+B+C	301.099	24	0.08					
B 111	A-559B	300.437	10	0.03					
B 112	A-560B	300.035	10	0.03					
B 113	A-561	299.639	10	0.03					
B 114	A-566	298.845	10	0.03					
B 115	A-567A	298.452	10	0.03					
B 116	A-567B	298.423	10	0.03					
B 117	A-568	298.007	10	0.03					
B 118	A-569	297.705	10	0.03					
B 119	A-570	297.411	10	0.03					
B 120	A-571	297.303	10	0.03					
B 121	A-572	296.485	10	0.03					
B 122	A-573	295.694	10	0.03					
B 123	A-575	295.090	10	0.03					
B 124	A-575A	294.613	10	0.03					
B 125	A-575B	294.501	10	0.03					
B 126	A-575BB	293.880	13	0.04					
B 127	A-575C+G	293.729	27	0.09					
B 128	A-575D	292.979	13	0.04					

## Schedule of Quantities

### Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 129	A-576B	292.569	13	0.04					
B 130	A-576	291.788	13	0.04					
B 131	A-577	291.759	10	0.03					
B 132	A-578A	291.136	10	0.03					
B 133	A-579	290.748	10	0.03					
B 134	A-580	290.332	10	0.03					
B 135	A-581	289.918	10	0.03					
B 136	A-582	289.527	10	0.03					
B 137	A-583	288.723	20	0.07					
B 138	A-584	288.064	20	0.07					
B 139	A-586B	287.657	20	0.07					
B 140	A-587B	287.261	20	0.07					
B 141	A-588B	286.666	13	0.04					
B 142	VIS CABINET MACFARLANE NORTH	285.7	7	0.02					
	<b>MACFARLANE-KAMFERSDAM</b>		<b>413</b>	<b>1.38</b>					

B 143	A-592A	286.627	13	0.04					
B 144	A-595	286.609	13	0.04					
B 145	A-596	286.525	13	0.04					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 146	A-593A+B	286.386	20	0.07					
B 147	A-594	286.336	13	0.04					
B 148	A-599	285.722	13	0.04					
B 149	A-298A+B	285.719	20	0.07					
B 150	A-600A+B	285.639	20	0.07					
B 151	A-601A+B	285.543	20	0.07					
B 152	A-602	285.462	13	0.04					
B 153	A-603	285.409	20	0.07					
B 154	A-604B	284.827	13	0.04					
B 155	A-605B	284.425	13	0.04					
B 156	A-606	284.015	13	0.04					
B 157	A-607	283.211	13	0.04					
B 158	A-608	282.405	13	0.04					
B 159	A-609B	281.597	13	0.04					
B 160	A-610A	281.403	10	0.03					
B 161	A-610B+C	281.027	17	0.06					
B 162	A-611A+B+C	280.279	24	0.08					
B 163	A-612	280.108	10	0.03					
B 164	A-613	279.483	7	0.02					
B 165	A-614	279.361	7	0.02					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 166	A-615A	279.278	7	0.02					
B 167	A-615B+C	279.256	20	0.07					
B 168	A-615D	279.173	13	0.04					
B 169	A-615E	278.737	13	0.04					
B 170	A-616A	278.518	13	0.04					
B 171	A-616B+C	278.510	20	0.07					
B 172	A-617	278.183	13	0.04					
B 173	A-617B	277.378	13	0.04					
B 174	A-635	277.378	13	0.04					
B 175	A-636	276.573	13	0.04					
B 176	A-637	275.766	13	0.04					
B 177	A-638	274.962	10	0.03					
B 178	A-639	274.192	10	0.03					
B 179	A-640	273.398	10	0.03					
B 180	A-641	272.527	10	0.03					
B 181	A-642A	272.339	10	0.03					
B 182	A-642B+C	272.130	17	0.06					
B 183	A-643A+B+C	271.797	24	0.08					
B 184	A-644A	271.395	10	0.03					
B 185	A-644C	271.193	10	0.03					

**Schedule of Quantities**  
**Contract No. SIW**  
**KIMBERLEY NORTH YARDS - Signal Boxes**

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 186	A-644B	271.192	10	0.03					
B 187	A-645	270.993	10	0.03					
B 188	A-646	270.187	10	0.03					
B 189	A-647	269.384	10	0.03					
B 190	A-648	268.590	10	0.03					
B 191	A-649	267.773	10	0.03					
B 192	A-650	266.981	10	0.03					
B 193	A-651	266.176	10	0.03					
B 194	A-652	265.372	10	0.03					
B 195	A-653	264.566	10	0.03					
B 196	A-653B	264.065	10	0.03					
B 197	A-654	264.065	10	0.03					
B 198	A-654B	264.065	10	0.03					
	<b>WINDSORTON ROAD-MACFARLANE</b>		<b>723</b>	<b>2.41</b>					

## Schedule of Quantities

### Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 199	A-655A+B+C	263.249	24	0.08					
B 200	A-656A+B	263.089	20	0.07					
B 201	A-656A+B	263.051	20	0.07					
B 202	A-656D	263.051	13	0.04					
B 203	A-657	262.989	13	0.04					
B 204	A-658	262.255	13	0.04					
B 205	A-659A+B	262.255	20	0.07					
B 206	A-660	262.135	13	0.04					
B 207	A-661	261.321	10	0.03					
B 208	A-664B	260.665	10	0.03					
B 209	A-664C	259.874	10	0.03					
B 210	A-665A	259.874	10	0.03					
B 211	A-661B	259.321	10	0.03					
B 212	A-665B	259.068	10	0.03					
B 213	A-666	258.267	10	0.03					
B 214	A-666B	257.515	10	0.03					
B 215	A-667A	256.726	10	0.03					
B 216	A-667B	256.680	10	0.03					
B 217	A-668A	256.352	10	0.03					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 218	A-668B	255.949	10	0.03					
B 219	A-668C	255.947	10	0.03					
B 220	A-669A	255.547	10	0.03					
B 221	A-669B	255.319	10	0.03					
B 222	A-670A	255.145	10	0.03					
B 223	A-670B	254.340	10	0.03					
B 224	A-671A	253.558	10	0.03					
B 225	A-671B	252.815	10	0.03					
B 226	A-672A	252.081	10	0.03					
B 227	A-672B	251.281	10	0.03					
B 228	A-673A	250.532	10	0.03					
B 229	A-673B	249.772	10	0.03					
B 230	A-674	249.443	10	0.03					
B 231	A-675	248.704	13	0.04					
B 232	A-676	248.470	13	0.04					
B 233	A-676A	248.470	13	0.04					
B 234	A-677	247.849	13	0.04					
B 235	A-678	247.671	13	0.04					
B 236	A-679	247.016	13	0.04					
B 237	A-686	246.148	13	0.04					

**Schedule of Quantities**

**Contract No. SIW**

**KIMBERLEY NORTH YARDS - Signal Boxes**

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 238	A-687	245.341	13	0.04					
B 239	A-688	244.538	13	0.04					
B 240	A-389	243.738	13	0.04					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 241	A-690	242.933	13	0.04					
B 242	A-691	241.880	13	0.04					
B 243	A-692	241.827	13	0.04					
B 244	A-693	241.222	13	0.04					
B 245	A-694	240.618	13	0.04					
B 246	A-695	239.813	13	0.04					
B 247	A-698	239.003	13	0.04					
B 248	A-699	238.441	13	0.04					
B 249	A-700	238.227	13	0.04					
B 250	A-701	237.540	13	0.04					
B 251	A-700B	237.227	13	0.04					
B 252	A-701B	237.227	13	0.04					
B 253	A-703	237.213	13	0.04					
B 254	A-704	236.903	7	0.02					
B 255	A-705	236.782	7	0.02					
B 256	A-706	236.733	7	0.02					
B 257	A-707	236.263	7	0.02					
B 258	A-712	235.011	7	0.02					
B 259	A-713	234.871	7	0.02					
B 260	A-715	234.388	13	0.04					

**Schedule of Quantities**  
**Contract No. SIW**  
**KIMBERLEY NORTH YARDS - Signal Boxes**

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 261	A-716	233.903	13	0.04					
B 262	A-717	233.422	13	0.04					
B 263	A-718	233.153	13	0.04					
B 264	A-719	232.884	13	0.04					
B 265	A-720	232.406	13	0.04					
B 266	A-722	231.803	13	0.04					
B 267	A-723	231.185	10	0.03					
B 268	A-724	230.925	10	0.03					
B 269	A-725A	230.245	10	0.03					
B 270	A-725B	230.240	10	0.03					
B 271	A-726A	230.114	10	0.03					
B 272	A-726B	230.090	10	0.03					
B 273	A-727	230.020	10	0.03					
B 274	A-728A	229.959	10	0.03					
B 275	A-728B	229.952	10	0.03					
B 276	A-729	229.378	10	0.03					
B 277	A-730	229.329	10	0.03					
B 278	A-731A	229.275	10	0.03					
B 279	A-731B	229.270	10	0.03					
B 280	A-732A+B	229.173	17	0.06					

## Schedule of Quantities

### Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 281	A-732C	229.086	10	0.03					
B 282	A-733A+B+C	229.037	24	0.08					
B	VIS CABINET VEERTIENSTROME	228.886	7	0.02					
B 283	A-739C	228.845	10	0.03					
B 284	A-736A	228.844	10	0.03					
B 285	A-739B	228.842	10	0.03					
B 286	A-737A	228.140	10	0.03					
B 287	A-737B	228.139	10	0.03					
B 288	A-738A	227.931	10	0.03					
B 289	A-738B	227.930	10	0.03					
TRANSCAPE-WINDSORTON ROAD			1066	3.55					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 290	Flash lights		6	0.02					
B 291	A-846	305/1	6	0.02					
B 292	A-845	305/8	6	0.02					
B 293	A-844	305/15	6	0.02					
B 294	A-843	305/16A	6	0.02					
B 295	A-842	305/18B	6	0.02					
B 296	A-841	305/18B	6	0.02					
B 297	A-840	306/1	6	0.02					
B 298	A-839	306/1	6	0.02					
B 299	A-838	306/2	6	0.02					
B 300	A-836	306/13A	6	0.02					
B 301	A-835	306/13A	6	0.02					
B 302	A-834	306/18	6	0.02					
B 303	A-833	306/18	6	0.02					
	<b>KIMBERLEY</b>		<b>84</b>	<b>0.28</b>					

B 304	A-832	307/7	6	0.02					
B 305	A-829	307/17	6	0.02					
B 306	A-827	308/1	6	0.02					
B 307	A-826	308/1	6	0.02					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 308	A-825	308/1	6	0.02					
B 309	A-824	308/1	6	0.02					
B 310	A-822	308/24	6	0.02					
B 311	A-821	309/10	6	0.02					
B 312	A-817	309/24	6	0.02					
B 313	A-816	309/24	6	0.02					
B 314	A-815A	310/1	6	0.02					
B 315	A-815	310/1	6	0.02					
B 316	A-814	310/4	6	0.02					
B 317	A-813	310/5	6	0.02					
B 318	A-812	310/8	6	0.02					
B 319	A-811	310/8	6	0.02					
B 320	A-810	310/14	6	0.02					
B 321	A-807	310/14	6	0.02					
B 322	A-806	310/14	6	0.02					
<b>VERMY</b>			<b>114</b>	<b>0.38</b>					

B 323	A-805	0.08	6	0.02					
B 324	A-804	0.200	6	0.02					
B 325	A-802	0.170	6	0.02					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 326	A-801	0.240	6	0.02					
B 327	A-800	0.250	6	0.02					
B 328	A-795	0/18	6	0.02					
	<b>BEACONSFIELD-KIMBERLEY</b>		<b>36</b>	<b>0.12</b>					

B 329	A - 520	11/01	8	0.03					
B 330	A - 529	11/07	8	0.03					
B 331	A-525	17/01	8	0.03					
B 332	A - 520	17/04	8	0.03					
B 333	VIS CABINET FIELDVIEW	17/08	7	0.02					
B 334	A -530	17/09	8	0.03					
B 335	A - 527	17/10	8	0.03					
	<b>MACFARLANE-FIELDVIEW</b>		<b>55</b>	<b>0.18</b>					

B 336	A - 1050	18/14	8	0.03					
B 337	A - 1057	21/07	8	0.03					
B 338	A - 1060	22/09	8	0.03					
B 339	A - 1061	22/04	8	0.03					
B 340	A - 1062	23/07	8	0.03					

## Schedule of Quantities

### Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 341	A - 1064	23/14	8	0.03					
B 342	A - 516	27.496	8	0.03					
B 343	A - 517	27.100	8	0.03					
B 344	VIS CABINET FIELDVIEW	28/1	7	0.02					
B 345	A - 509	28.987	8	0.03					
B 346	A - 518	28.987	8	0.03					
B 347	CTC Case	28.990	8	0.03					
B 348	CTC Case	29.384	8	0.03					
B 349	A - 519	29.534	8	0.03					
B 350	A - 515	29.589	8	0.03					
B 351	A - 520	29.724	8	0.03					
B 352	Case A	30.850	8	0.03					
B 353	CTC Case	30.950	8	0.03					
B 354	CTC Case	30.950	8	0.03					
B 355	CTC Case	30.110	8	0.03					
B 356	CTC Case	31.150	8	0.03					
B 357	Case B	31.450	8	0.03					
B 358	Case E	31.450	8	0.03					
B 359	Case EE	31.450	8	0.03					
B 360	CTC Case	31.550	8	0.03					

## Schedule of Quantities

### Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 361	CTC Case	31.650	8	0.03					
B 362	CTC Case	31.700	8	0.03					
B 363	CTC Case	31.105	8	0.03					
B 364	Case G	32.100	8	0.03					
B 365	A - 2161	33.100	8	0.03					
B 366	A - 2162	33.100	8	0.03					
B 367	A - 2163	33.100	8	0.03					
B 368	A - 2164	33.700	8	0.03					
B 369	A-2165	5.500	8	0.03					
B 370	A-2166	5.500	8	0.03					
B 371	A-2167	34.950	8	0.03					
B 372	A-2168A	34.500	8	0.03					
B 373	CTC Case	34.950	8	0.03					
B 374	VIS CABINET BKY - GOG	28/1	7	0.02					
B 375	CTC Case	35.150	8	0.03					
B 376	A-2169	35.300	8	0.03					
B 377	A-2170	35.600	8	0.03					
B 378	A-2171	35.750	8	0.03					
B 379	A-2172	35.900	8	0.03					
B 380	A-2173	36.700	8	0.03					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 381	CTC Case	37.150	8	0.03					
B 382	CTC Case	37.150	8	0.03					
B 383	A-1077	37.400	8	0.03					
B 384	A-1079	39.150	8	0.03					
B 385	CTC Case	39.450	8	0.03					
B 386	CTC Case	39.750	8	0.03					
B 387	A-1082	41.100	8	0.03					
B 388	A-1084	42.350	8	0.03					
B 389	A-1084A	42.650	8	0.03					
B 390	CTC Case	42,750A	8	0.03					
B 391	CTC Case	42,750B	8	0.03					
B 392	A-1085	43.100	8	0.03					
B 393	A-1086	43.400	8	0.03					
B 394	A-1092	45.100	8	0.03					
B 395	A-1094	47.350	8	0.03					
B 396	A-1096	47.500	8	0.03					
B 397	A-1097	48.500	8	0.03					
B 398	A-1099	48.650	8	0.03					
B 399	A-1100	49.400	8	0.03					
B 400	CTC Case	51.250	8	0.03					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 401	A-516	53.650	8	0.03					
B 402	A-518	54.500	8	0.03					
B 403	A-519	55.650	8	0.03					
B 404	A-520	65.500	8	0.03					
B 405	A-521	65.600	8	0.03					
B 406	A-520	60.150	8	0.03					
B 407	A-521	60.350	8	0.03					
B 408	A-522	61.500	8	0.03					
B 409	A-523	61.750	8	0.03					
B 410	A-524	62.150	8	0.03					
B 411	A-525	62.300	8	0.03					
	<b>BORRELSKOP-FIELDSFIEW</b>		<b>606</b>	<b>2.02</b>					
B 412	A-520	66.150	8	0.03					
B 413	A-521	66.350	8	0.03					
B 414	VIS CABINET BKY - GOG	67/3	7	0.02					
B 415	A-522	67.500	8	0.03					
B 416	A-523	67.800	8	0.03					
B 417	CTC Case	68.500	8	0.03					
B 418	CTC Case	68.250	8	0.03					

**Schedule of Quantities**  
**Contract No. SIW**  
**KIMBERLEY NORTH YARDS - Signal Boxes**

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 419	A-524	68.450	8	0.03					
B 420	A-525	68.600	8	0.03					
B 421	A-505	69.200	8	0.03					
B 422	A-504	69.400	8	0.03					
B 423	A-503	69.600	8	0.03					
B 424	A-510A	69.750	8	0.03					
B 425	A-510A	69.750	8	0.03					
B 426	A-511	70.500	8	0.03					
B 427	A-512	70.600	8	0.03					
B 428	A-513	71.300	8	0.03					
B 429	A-511	71.650	8	0.03					
B 430	A-510A	72.150	8	0.03					
B 431	A-512	72.650	8	0.03					
B 432	A-513	73.200	8	0.03					
B 433	CTC Case	73.500	8	0.03					
B 434	CTC Case	73.500	8	0.03					
B 435	CTC Case	74.400	8	0.03					
B 436	CTC Case	74.400	8	0.03					
B 437	CTC Case	75.300	8	0.03					
B 438	CTC Case	75.400	8	0.03					

### Schedule of Quantities

### Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 439	A-535A	77.600	8	0.03					
B 440	A-535B	77.600	8	0.03					
B 441	CTC Case	78.650	8	0.03					
B 442	CTC Case	78.700	8	0.03					
B 443	A-533	78.950	8	0.03					
B 444	A-534	79.750	8	0.03					
B 445	A-538	80.200	8	0.03					
B 446	A-537	80.500	8	0.03					
B 447	A-536	80.650	8	0.03					
B 448	A-522	85.105	8	0.03					
B 449	A-523	85.700	8	0.03					
B 450	A-524	85.450	8	0.03					
B 451	A-520	96.300	8	0.03					
B 452	A-514	86.400	8	0.03					
B 453	A-514	86.800	8	0.03					
B 454	A-513	87.100	8	0.03					
B 455	A-512	87.550	8	0.03					
	<b>KNEUKEL-ULCO</b>		<b>351</b>	<b>1.17</b>					
B 456	A-516	88.100	8	0.03					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 457	A-516	88.250	8	0.03					
B 458	A-517	88.500	8	0.03					
B 459	A-518	89.350	8	0.03					
B 460	A-519	90.100	8	0.03					
B 461	A-520	90.250	8	0.03					
B 462	A-540	97.250	8	0.03					
	<b>OLEA</b>		<b>56</b>	<b>0.19</b>					
B 463	A-541	97.450	8	0.03					
B 464	A-542	98.200	8	0.03					
B 465	A-543	99.200	8	0.03					
B 466	A-544	99.850	8	0.03					
B 467	A-545	99.950	8	0.03					
B 468	A-1105	105.200	8	0.03					
B 469	A-1106	105.350	8	0.03					
B 470	A-1107	105.350	8	0.03					
B 471	A-1107	105.400	8	0.03					
B 472	A-1108	105.750	8	0.03					
B 473	A-1108	105.800	8	0.03					
B 474	A-1109	106,300A	8	0.03					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 475	A-110	106.400	8	0.03					
B 476	A-1114	108.100	8	0.03					
B 477	A-1121	110.500	8	0.03					
B 478	A-1124	111,600A	8	0.03					
B 479	A-1129	112/15	8	0.03					
B 480	A-1131	112/18	8	0.03					
B 481	A-1134	114/6	8	0.03					
B 482	A-1141	116/12	8	0.03					
B 483	A-1134	117/9A	8	0.03					
B 484	A-1144	117/4	8	0.03					
B 485	A-1145	118/4	8	0.03					
B 486	A-1147	118/11	8	0.03					
B 487	A-1148	118/15	8	0.03					
B 488	VIS CABINET ARRIESFONTEIN	121/15	7	0.02					
B 489	A-515	124/14	8	0.03					
B 490	A-516	125/2	8	0.03					
B 491	A-517	125/12	8	0.03					
B 492	A-518	126/8	8	0.03					
B 493	A-519	127/3	8	0.03					
B 494	A-520	127/6-7	8	0.03					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 495	A-1180	133/1	8	0.03					
B 496	A-1181	133/5	8	0.03					
B 497	A-1182A	133/15	8	0.03					
B 498	A-1182B	134/1	8	0.03					
B 499	A-1183	134/5	8	0.03					
B 500	A-1184	134/12	8	0.03					
B 501	A-1186	135/4	8	0.03					
B 502	A-1187A	135/8	8	0.03					
B 503	A-1187B	135/9	8	0.03					
B 504	A-1189	136/3	8	0.03					
B 505	A-1189	136/6	8	0.03					
B 506	A-515	144/9	8	0.03					
B 507	A-516	144/12	8	0.03					
B 508	A-517	145/8	8	0.03					
B 509	VIS CABINET SILVERSTREAMS	145,786	7	0.02					
B 510	A-518	146/6	8	0.03					
B 511	A-519	146/14	8	0.03					
B 512	A-520	147/1	8	0.03					
	<b>SILVERSTREAMS-KOOPMANSFONTEIN</b>		<b>398</b>	<b>1.33</b>					

## Schedule of Quantities

### Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 513	A-520	150/4	8	0.03					
B 514	A-521	150/8	8	0.03					
B 515	A-522	151/4	8	0.03					
B 516	VIS CABINET LIMEACRES	151.605	7	0.02					
B 517	A-523	152/4	8	0.03					
B 518	A-526	152/4	8	0.03					
B 519	A-526	152/5	8	0.03					
B 520	A-1152	159/16	8	0.03					
B 521	A-1152	159/17	8	0.03					
B 522	A-1153	160/2	8	0.03					
B 523	A-1155	160/9	8	0.03					
B 524	A-1156	161/1	8	0.03					
B 525	A-1157	161/3A	8	0.03					
B 526	A-1160	163/2	8	0.03					
B 527	A-1167	164/13	8	0.03					
B 528	A-1168	164/14	8	0.03					
B 529	A-1174	166/12	8	0.03					
B 530	A-1175	166/14	8	0.03					
B 531	A-1178	167/12	8	0.03					
B 532	A-1178	167/15	8	0.03					

**Schedule of Quantities**  
**Contract No. SIW**  
**KIMBERLEY NORTH YARDS - Signal Boxes**

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 533	A-1179	168/1	8	0.03					
B 534	A-1190	171/12	8	0.03					
B 535	A-1190	171/13	8	0.03					
B 536	A-1191	172/1	8	0.03					
B 537	A-1192	172/10	8	0.03					
B 538	A-1193	172/15	8	0.03					
B 539	A-1196	174/5	8	0.03					
B 540	A-1196	174/6	8	0.03					
B 541	A-1199	175/3	8	0.03					
B 542	A-1200	175/18	8	0.03					
B 543	A-1207	176/12	8	0.03					
B 544	A-1203	176/16	8	0.03					
B 545	A-516	185/4	8	0.03					
B 546	A-517	186/2	8	0.03					
B 547	A-517	186/3	8	0.03					
B 548	A-518	186/15	8	0.03					
B 549	A-519	187/4	8	0.03					
B 550	A-519	187/5	8	0.03					
B 551	A-1228	193/3	8	0.03					
B 552	A-1229	193/7	8	0.03					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 553	A-1230	194/2	8	0.03					
B 554	A-1231	194/4A	8	0.03					
B 555	A-1231	194/5A	8	0.03					
B 556	A-1232	194/10	8	0.03					
B 557	A-1233	194/19	8	0.03					
B 558	A-1234	195/8	8	0.03					
B 559	A-1234	195/9	8	0.03					
B 560	A-1235	195/12A	8	0.03					
B 561	A-1236	195/14	8	0.03					
B 562	A-1237	196/7	8	0.03					
B 563	A-1237	196/8	8	0.03					
B 564	A-1238	196/11	8	0.03					
	<b>TSANTSABANE-LIME ACRES</b>		<b>415</b>	<b>1.38</b>					
B 565	A-1433	203/7	8	0.03					
B 566	A-1434	203/10	8	0.03					
B 567	A-1435	203/17	8	0.03					
B 568	A-1436	204/2	8	0.03					
B 569	A-1438	204/16	8	0.03					
B 570	A-1439	204/17	8	0.03					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 571	A-1442	204/20	8	0.03					
B 572	A-1446C	206/3A	8	0.03					
B 573	A-1446B	206/5	8	0.03					
B 574	A-1446A	206/5	8	0.03					
B 575	A-1447	206/8	8	0.03					
B 576	A-1448	207/8	8	0.03					
B 577	A-1449	207/13	8	0.03					
	<b>POSTMASBURG</b>		<b>104</b>	<b>0.35</b>					
B 578	160 Case	210/8	8	0.03					
B 579	170 Case	211/8	8	0.03					
B 580	240 Case	211/14	8	0.03					
B 581	260 Case	211/14	8	0.03					
B 582	360 Case	211/26	8	0.03					
B 583	640 Case	213/3	8	0.03					
B 584	720 Case	213/4	8	0.03					
B 585	VIS CABINET BEESHOEK	213.473	7	0.02					
B 586	740 Case	213/8	8	0.03					
B 587	744 Case	213/9	8	0.03					
B 588	760 Case	213/13	8	0.03					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 589	820 Case	213/28	8	0.03					
B 590	840 Case	213/32	8	0.03					
B 591	860 Case	213/38	8	0.03					
	<b>BEESHOEK</b>		<b>111</b>	<b>0.37</b>					
B 592	140 Case	219/9	8	0.03					
B 593	160 Case	219/14	8	0.03					
B 594	240 Case	220/7	8	0.03					
B 595	260 Case	220/8	8	0.03					
B 596	270 Case	220/8	8	0.03					
B 597	360 Case	220/13	8	0.03					
B 598	640 Case	221/13	8	0.03					
B 599	730 Case	222/2	8	0.03					
B 600	740 Case	222/2	8	0.03					
B 601	760 Case	222/4	8	0.03					
B 602	840 Case	222/13	8	0.03					
B 603	860 Case	223/8	8	0.03					
	<b>BOKKOPIE</b>		<b>96</b>	<b>0.32</b>					
B 604	140 Case	226/2	8	0.03					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 605	160 Case	226/5	8	0.03					
B 606	240 Case	226/15	8	0.03					
B 607	740 Case	227/2A	8	0.03					
B 608	760 Case	227/4	8	0.03					
B 609	960 Case	228/2	8	0.03					
B 610	860 Case	228/3	8	0.03					
	<b>PALINGPAN</b>		<b>56</b>	<b>0.19</b>					
B 611	140 Case	230/11	8	0.03					
B 612	160 Case	230/15	8	0.03					
B 613	A-2007	230/16	8	0.03					
B 614	170 Case	231/5	8	0.03					
B 615	240 Case	231/8	8	0.03					
B 616	260 Case	231/10	8	0.03					
B 614	A-2009	231/10	8	0.03					
B 615	320 Case	232/4	8	0.03					
B 616	380 Case	232/4	8	0.03					
B 617	A-2010	232/4	8	0.03					
B 615	740 Case	232/17	8	0.03					
B 616	A-2011	232/17A	8	0.03					

## Schedule of Quantities

### Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 617	760 Case	233/1	8	0.03					
B 618	A-2012	233/2	8	0.03					
B 616	780 Case	233/6	8	0.03					
B 617	820 Case	233/6	8	0.03					
B 618	840 Case	233/13	8	0.03					
B 619	860 Case	234/1	8	0.03					
B 617	140 Case	239/8	8	0.03					
B 618	160 Case	239/15	8	0.03					
B 619	230 Case	240/10	8	0.03					
B 620	240 Case	240/10	8	0.03					
B 618	A 240 Case	240/14	8	0.03					
B 619	960 Case (Bulkop)	240/16	8	0.03					
B 620	260 Case	240/19	8	0.03					
B 621	A 740 Case	241/10	8	0.03					
B 619	Case A	241/12	8	0.03					
B 620	A 750 Case	241/15	8	0.03					
B 621	A 760 Case	241/15	8	0.03					
B 622	VIS CABINET LOHATLA	241.624	7	0.02					
B 620	A 770 Case	241/15	8	0.03					
B 621	A 820 Case	242/7	8	0.03					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 622	A 830 Case	242/7	8	0.03					
B 623	A 840 Case	242/10	8	0.03					
B 621	A 860 Case	242/14	8	0.03					
	<b>HAAKBOSLEEGTE-POSTMASBURG</b>		<b>279</b>	<b>0.93</b>					
B 622	140 Case	249/6	8	0.03					
B 623	160 Case	249/12	8	0.03					
B 623	A-2067	249/12	8	0.03					
B 624	240 Case	250/6	8	0.03					
B 624	260 Case	250/7	8	0.03					
B 625	270 Case	250/7	8	0.03					
B 625	A-2069	250/8	8	0.03					
B 626	A-2070	250/11	8	0.03					
B 627	360 Case	250/11	8	0.03					
B 628	A-2071	251/8	8	0.03					
B 629	640 Case	251/9	8	0.03					
B 630	A-2072	251/14	8	0.03					
B 631	730 Case	251/14	8	0.03					
B 632	740 Case	251/14	8	0.03					
B 633	760 Case	252/1	8	0.03					

## Schedule of Quantities

### Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 634	A-2073	252/1	8	0.03					
B 635	A-2074	252/11	8	0.03					
B 636	840 Case	252/11	8	0.03					
B 637	860 Case	253/1	8	0.03					
B 638	A 140 Case	264/12	8	0.03					
B 639	A 160 Case	265/5	8	0.03					
B 640	A 170 Case	265/5	8	0.03					
B 641	A 340 Case	265/11	8	0.03					
B 642	A 362 Case	266/2	8	0.03					
B 643	A 360 Case	266/10	8	0.03					
B 644	A 370 Case	267/2	8	0.03					
B 645	A 380 Case	267/2	8	0.03					
B 646	Case L	267/7	8	0.03					
B 647	A 560 Case	267/9	8	0.03					
B 648	Case K	268/1	8	0.03					
B 649	Case J	268/1	8	0.03					
B 650	Case H	268/4	8	0.03					
B 651	Case GG	268/14	8	0.03					
B 652	Case G	268/14	8	0.03					
B 653	A 2200 Case	268/14	8	0.03					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 654	A 2201 Case	269/3	8	0.03					
B 655	Case D	269/18	8	0.03					
B 656	Case C	270/1	8	0.03					
B 657	Case BB	270/3	8	0.03					
B 658	Case B	270/3	8	0.03					
B 659	Case A	270/13	8	0.03					
	<b>SISHEN</b>		<b>328</b>	<b>1.09</b>					
B 660	A 160 Case	278/2	8	0.03					
B 661	A-3147	278/2	8	0.03					
B 662	A 240 Case	278/11	8	0.03					
B 663	A-3148	278/11	8	0.03					
B 664	A 260 Case	278/13	8	0.03					
B 665	A 270 Case	278/13	8	0.03					
B 666	A-3149	278/13	8	0.03					
B 667	A 310 Case	279/2	8	0.03					
B 668	A-3150	279/3	8	0.03					
B 669	A-3151	279/15	8	0.03					
B 670	A 640 Case	280/1	8	0.03					
B 671	A-3152	280/5	8	0.03					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM	Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B 672	A 730 Case	280/5	8	0.03					
B 673	A 740 Case	280/5	8	0.03					
B 674	A-3153	280/7	8	0.03					
B 675	A 760 Case	280/7	8	0.03					
B 676	A 840 Case	280/12	8	0.03					
B 677	A-3154	281/1	8	0.03					
B 678	A 860 Case	281/2	8	0.03					
	<b>EMIL</b>		<b>152</b>	<b>0.51</b>					
B 679	A140 App Case	321.157	8	0.03					
B 680	A170 App Case	321.358	8	0.03					
B 681	A180 App Case	321.359	8	0.03					
B 682	A240 App Case	322.557	8	0.03					
B 683	A758 App Case	322.723	8	0.03					
B 684	A710 App Case	322.859	8	0.03					
B 685	A720 App Case	322.862	8	0.03					
B 686	A820 App Case	322.958	8	0.03					
B 687	A770 App Case	322.969	8	0.03					
B 688	A830 App Case	323.158	8	0.03					
B 689	A730 App Case	323.159	8	0.03					

### Schedule of Quantities

### Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Boxes

ITEM		Description	Kilometer	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
B	690	A740 App Case	323.162	8	0.03					
B	691	A750 App Case	323.475	8	0.03					
B	692	A780 App Case	323.534	8	0.03					
B	693	A860 App Case	323.849	8	0.03					
B	694	A790 App Case	323.861	8	0.03					
		MANGANESE		128	0.43					

kg

Sub TOTAAL		6363.000	21.210						
Provisional		636.300	2.121						
TOTAL for SIGNAL BOXES		6999.300	23.331						

# Schedule of Quantities

Contract No. SIW

## KIMBERLEY NORTH YARDS - SIGNAL EQUIPMENT

Item	Station	Kilometre / Location	m²	Total Annual Worklots (300m²)	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
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### C. Electrical Subs and Relays

#### C TRANSCAPE-KAMFERSDAM

##### Hotbox Rooms

RIVERTON	275.304	42	0.14						
		42.00	0.14						

##### Relay Rooms

KIMBERLEY	306.39	121	0.40						
VEERTIENSTROME	229.700	67	0.22						
WARRENTON	235.494	147	0.49						
CONTENT	248.105	67	0.22						
WINDSORTON ROAD	262.516	67	0.22						
RIVERTON	279.813	67	0.22						
VEERTIENSTROME	286.098	110	0.37						
WARRENTON	301.300	108	0.36						
		634.00	2.11						

##### TOTAL TRANSCAPE-KAMFERSDAM

676.00 2.25

#### KAMFERSDAM-HOTAZEL

##### Hotbox Rooms

BARKLEY WES	32/1	42	0.14						
GONG-GONG	51.00	42	0.14						
BORRELSKOP	64/9	42	0.14						
ULCO-GHAAP	73/7	42	0.14						
NOOIBOS	93/3	42	0.14						
ARIESFONTEIN	122.00	42	0.14						
ARIESFONTEIN-ACOESTIC	121.9	121	0.40						
GROENWATER	170/16	42	0.14						
PALINGPAN	229/3	42	0.14						
		457.00	1.52						

##### RELAY ROOMS

MID	7.720	114	0.38						
FIELDSVIEW	17.912	246	0.82						
FIELDSVIEW-WEIR	22.779	114	0.38						
WEIR	28.363	114	0.38						
BARKLEY WES	31.962	114	0.38						
BWG	43.000	246	0.82						
GONG-GONG	47.300	114	0.38						
WINTERSRUSH	55.009	114	0.38						
BORRELSKOP	61.470	114	0.38						
ULCO	67.433	246	0.82						
ULCO WES	69.788	114	0.38						
UGP	72.750	114	0.38						
GHAAP	79.600	246	0.82						
KNEUKEL	85.870	114	0.38						
OLEA	88.957	114	0.38						

# Schedule of Quantities

Contract No. SIW

## KIMBERLEY NORTH YARDS - SIGNAL EQUIPMENT

Item	Station	Kilometre / Location	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
	KOOPMANSFOTEIN	98.717	114	0.38					
	KPU	106.342	114	0.38					
	PLATEAU	112.035	246	0.82					
	PAF	117.675	114	0.38					
	ARIESFONTEIN	126.167	114	0.38					
	TREWIL	134.362	228	0.76					
	SILVERSTREAMS	145.807	246	0.82					
	LIME ACRES	151.626	114	0.38					
	LSC	161.070	246	0.82					
	CLIFTON	166.072	114	0.38					
	GROENWATER	174.360	228	0.76					
	BLINKKLIP	186.463	114	0.38					
	TSANTSEBANE	195.342	228	0.76					
	BEESHOEK	212/12	193	0.64					
	BOKKOPIE	221/3	80	0.27					
	PALINGPAN	227/12	108	0.36					
	HAARBOSLEEGTE	251/2	128	0.43					
	GLOSAM	232/12	155	0.52					
	LOHATLHA	241/2	212	0.71					
	EMIL	279/9	107	0.36					
	SISHEN	268/15	130	0.43					
	GAMAGARA	266/4	170	0.57					
			5 741.00	19.14					
	TOTAL: KAMFERSDAM-HOTAZEL		6 198.00	20.66					
	Sub Total SUB-STATIONS; RELAY ROOMS		6 874.00	22.91					
	Provisional 10 %		687.40	2.29					
	Total Sub Stations and Relay Rooms		7 561.40	25.20					

# Schedule of Quantities

Contract No. SIW

## KIMBERLEY NORTH YARDS - Signal Assets

### D. Signal Assets

Section	Discription	Km Distance	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
WEIR-BARKLEY	Paal flikkerlig	31/9	4	0.01					
	Paal flikkerlig	31/9	4	0.01					
	Paal flikkerlig	31/9	4	0.01					
	Paal flikkerlig	31/9	4	0.01					
GHAAP	Kabellyn	77/12-78/14	8	0.03					
KOOPMANS-OLEA	NOB RR	27/6	8	0.03					
KPU	13 Crank handel	106/6A	8	0.03					
	Hand wissel	112/3-5	6	0.02					
PLATEAU	Hand wissel	112/7	6	0.02					
	Hand wissel	112/9	6	0.02					
	14 Wissel slinger kas pad	112/10A	6	0.02					
PAF	14 Wissel slinger kas pad	117/10B	6	0.02					
	Asteller pot	118/12	4	0.01					
ARIESFONTEIN	Aansluitng kas pad	122/1	8	0.03					
	Hand wissel draad roete	125/13A	8	0.03					
	Hand wissel	126/4A	8	0.03					
	Draai roete, hand wissel	126/3-4	8	0.03					
	Hand wissel draad roete	125/15	8	0.03					
TREWIL	14 Wissel slinger kas pad	135/9	8	0.03					
	Kabelroete	136/6	20	0.07					
	13 Wissel slinger kas pad	134/15	6	0.02					

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## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - Signal Assets

#### D. Signal Assets

Section	Discription	Km Distance	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
SILVERSTREAMS	13 Wissel CHR paal	145/8	8	0.03					
	15 Wissel CHR paal	145/8	8	0.03					
	Handwissel KY kant skilpad	145/11	6	0.02					
	17 Wissel pot+CHR pad	145/10A	6	0.02					
	14 Wissel slinger kas paal	152/3	8	0.03					
	22 Wissels	152/3	6	0.02					
	Draai roete meganies	146/6	8	0.03					
	Draai roete meganies	146/4	8	0.03					
	20 Wissel+CHR paal	146/4A	8	0.03					
	18 Wissel+CHR paal	146/4	8	0.03					
	Hand wissel	146/6	8	0.03					
GROENWATER	Draadloop	172/15-15A	8	0.03					
POSTMASBURG	CABLE RUN	203/7-205/2	20	0.07					
Sub Totaal			258.000	0.860					
Provisional 10%			25.800	0.086					

Total Signal Assets		283.800	0.946						
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**Schedule of Quantities**  
**Contract No. SIW**  
**KIMBERLEY NORTH YARDS - Signal Potheads**

**E. SIGNAL POTHEADS**

Asset Location	Km	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
FFM-MID	6/5	4	0.01					
FFM-MID	6/16	4	0.01					
FFM-MID	6/16	4	0.01					
FFM-MID	7/1	4	0.01					
FFM-MID	7/1	4	0.01					
FFM-MID	7/11	4	0.01					
FFM-MID	7/11	4	0.01					
FFM-MID	8/1	4	0.01					
FFM-MID	8/2	4	0.01					
FFM-MID	17/4	4	0.01					
FFM-MID	17/6	4	0.01					
FFM-MID	17/9	4	0.01					
FFM-MID	17/9	4	0.01					
FFM-MID	17/11	4	0.01					
FFM-MID	17/11	4	0.01					
FFM-MID	17/13	4	0.01					
FFM-MID	17/13	4	0.01					
FFM-MID	17/13	4	0.01					
FFM-MID	18/7	4	0.01					
FFM-MID	18/7A	4	0.01					
FFM-MID	18/8	4	0.01					
FFM-MID	18/8	4	0.01					
FFM-MID	19/9	4	0.01					
FFM-MID	20/6	4	0.01					
FFM-MID	21/2	4	0.01					

**Schedule of Quantities**  
**Contract No. SIW**  
**KIMBERLEY NORTH YARDS - Signal Potheads**

**E. SIGNAL POTHEADS**

Asset Location	Km	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
FFM-MID	21/12	4	0.01					
FFM-MID	22/5	4	0.01					
FLW-MAC	11/8	4	0.01					
FLW-MAC	11/8	4	0.01					
WEIR	27/6	4	0.01					
WEIR	27/16	4	0.01					
WEIR	27/17	4	0.01					
WEIR	28/2	4	0.01					
WEIR	28/2	4	0.01					
WEIR	28/14	4	0.01					
BARKLEY WEST	32/11	4	0.01					
BARKLEY WEST	32/11	4	0.01					
BARKLEY WEST	33/1	4	0.01					
BARKLEY WEST	38/6	4	0.01					
BWG	40/5	4	0.01					
BWG	41/14	4	0.01					
GONG-GONG	44/5	4	0.01					
GONG-GONG	45/2	4	0.01					
GONG-GONG	46/17	4	0.01					
GONG-GONG	47/7	4	0.01					
GONG-GONG	48/13	4	0.01					
WINTERSRUSH	54/10	4	0.01					
WINTERSRUSH	54/10	4	0.01					
WINTERSRUSH	54/11	4	0.01					

**Schedule of Quantities**  
**Contract No. SIW**  
**KIMBERLEY NORTH YARDS - Signal Potheads**

**E. SIGNAL POTHEADS**

Asset Location	Km	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
WINTERSRUSH	54/11	4	0.01					
WINTERSRUSH	55/7	4	0.01					
WINTERSRUSH	55/7	4	0.01					
WINTERSRUSH	55/7	4	0.01					
WINTERSRUSH	55/7	4	0.01					
WINTERSRUSH	65/1	4	0.01					
WINTERSRUSH	65/2	4	0.01					
BORRELSKOP	60/5	4	0.01					
BORRELSKOP	60/7	4	0.01					
BORRELSKOP	61/1	4	0.01					
BORRELSKOP	61/2	4	0.01					
BORRELSKOP	61/2	4	0.01					
BORRELSKOP	61/2	4	0.01					
BORRELSKOP	61/2	4	0.01					
BORRELSKOP	61/2	4	0.01					
BORRELSKOP	61/2	4	0.01					
BORRELSKOP	61/12	4	0.01					
BORRELSKOP	61/12	4	0.01					
BORRELSKOP	61/12	4	0.01					
BORRELSKOP	61/14	4	0.01					
BORRELSKOP	61/14	4	0.01					
BORRELSKOP	62/3	4	0.01					
BORRELSKOP	62/4	4	0.01					
ULCO	66/6	4	0.01					
ULCO	66/7	4	0.01					
ULCO	67/2	4	0.01					

**Schedule of Quantities**  
**Contract No. SIW**  
**KIMBERLEY NORTH YARDS - Signal Potheads**

**E. SIGNAL POTHEADS**

Asset Location	Km	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
ULCO	67/2	4	0.01					
ULCO	67/2	4	0.01					
ULCO	67/3	4	0.01					
ULCO	67/3	4	0.01					
ULCO	67/3	4	0.01					
ULCO	67/3	4	0.01					
ULCO	67/3	4	0.01					
ULCO	67/3	4	0.01					
ULCO	67/13	4	0.01					
ULCO	67/13	4	0.01					
ULCO	67/14	4	0.01					
ULCO	67/14	4	0.01					
ULCO	67/14	4	0.01					
ULCO	67/14	4	0.01					
ULCO	67/14	4	0.01					
ULCO	67/15	4	0.01					
ULCO	68/9	4	0.01					
GHAAP	78/13	4	0.01					
GHAAP	79/2	4	0.01					
GHAAP	79/3	4	0.01					
GHAAP	79/3	4	0.01					
GHAAP	79/4	4	0.01					
GHAAP	79/4	4	0.01					
GHAAP	79/4	4	0.01					
GHAAP	79/18	4	0.01					

**Schedule of Quantities**  
**Contract No. SIW**  
**KIMBERLEY NORTH YARDS - Signal Potheads**

**E. SIGNAL POTHEADS**

Asset Location	Km	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
GHAAP	79/18	4	0.01					
GHAAP	79/18A	4	0.01					
GHAAP	80/2	4	0.01					
GHAAP	80/2	4	0.01					
GHAAP	80/9	4	0.01					
GHAAP	80/13	4	0.01					
KNEUKEL	85/22	4	0.01					
KNEUKEL	86/5	4	0.01					
KNEUKEL	86/14	4	0.01					
OLEA	88/1	4	0.01					
Pothhead	88/5	4	0.01					
Pothhead	88/10	4	0.01					
Pothhead	88/11	4	0.01					
Pothhead	88/11	4	0.01					
Pothhead	89/5	4	0.01					
Pothhead	90/1	4	0.01					
Pothhead	94/1	4	0.01					
Pothhead	94/1	4	0.01					
Pothhead	94/7	4	0.01					
Pothhead	94/9	4	0.01					
KOOPMANSFONTEIN	97/7	4	0.01					
KOOPMANSFONTEIN	97/9	4	0.01					
KOOPMANSFONTEIN	98/4	4	0.01					
KOOPMANSFONTEIN	98/4	4	0.01					
KOOPMANSFONTEIN	98/4	4	0.01					

**Schedule of Quantities**  
**Contract No. SIW**  
**KIMBERLEY NORTH YARDS - Signal Potheads**

**E. SIGNAL POTHEADS**

Asset Location	Km	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
KOOPMANSFONTEIN	98/5	4	0.01					
KOOPMANSFONTEIN	98/5	4	0.01					
KOOPMANSFONTEIN	98/6	4	0.01					
KOOPMANSFONTEIN	98/7	4	0.01					
KOOPMANSFONTEIN	98/7	4	0.01					
KOOPMANSFONTEIN	99/1A	4	0.01					
KOOPMANSFONTEIN	99/1A	4	0.01					
KOOPMANSFONTEIN	99/1A	4	0.01					
KOOPMANSFONTEIN	99/1A	4	0.01					
KOOPMANSFONTEIN	99/3	4	0.01					
KOOPMANSFONTEIN	99/3	4	0.01					
KOOPMANSFONTEIN	99/4	4	0.01					
KOOPMANSFONTEIN	99/4	4	0.01					
KOOPMANSFONTEIN	99/17	4	0.01					
KOOPMANSFONTEIN	99/17	4	0.01					
KOOPMANSFONTEIN	99/18	4	0.01					
PLATEAU-KPU	107/7	4	0.01					
PLATEAU-KPU	108/6	4	0.01					
PLATEAU-KPU	10812	4	0.01					
PLATEAU-KPU	108/15	4	0.01					
PLATEAU	112/15	4	0.01					
PLATEAU	113/5	4	0.01					
PLATEAU	113/10	4	0.01					
PAF	115/3	4	0.01					
PAF	115/5	4	0.01					

**Schedule of Quantities**  
**Contract No. SIW**  
**KIMBERLEY NORTH YARDS - Signal Potheads**

**E. SIGNAL POTHEADS**

Asset Location	Km	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
PAF	117/5	4	0.01					
SILVERSTREAM	145/10	4	0.01					
SILVERSTREAM	146/3A	4	0.01					
SILVERSTREAM	146/3A	4	0.01					
SILVERSTREAM	146/3A	4	0.01					
LINE ACERS	153/1	4	0.01					
<b>Sub Total</b>		<b>620.000</b>	<b>2.067</b>					
<b>Provisional 10%</b>		<b>62.000</b>	<b>0.207</b>					
<b>Total Signal Potheads</b>		<b>682.000</b>	<b>2.273</b>					

**Schedule of Quantities**  
**Contract No. SIW**  
**KIMBERLEY NORTH YARDS - Material Yards**

**F. Material Yards**

ITEM	Description	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
F1	Austen street: Emergency Perway Yard	1800.0000	6.0000					
F2	Austen Street: Electrical Depot	1800.0000	6.0000					
F3	Infra Depot	3360.0000	11.2000					
F4	Material Yard	13500.0000	45.0000					
F5	Old MTV Area	40000.0000	133.3333					
F6	Beaconsfield Parking (Austen Street)	3420.0000	11.4000					
F7	Austen street: Pavement	1200.0000	4.0000					
F7	Austen Street - Warehouse	4290.0000	14.3000					
F8	Postmansburg materiaalkamp	4011.0000	13.3700					
F9	Postmansburg bobaan kamp	862.0000	2.8733					
F10	Postmansburg parkeer area	1166.0000	3.8867					
F11	Sishen materiaal kamp	3024.0000	10.0800					
<b>Sub Total Material Yards Beaconsfield</b>		<b>78433.0000</b>	<b>231.2333</b>					
<b>Provisional 10%</b>		<b>7843.3000</b>	<b>23.1233</b>					
<b>Total Kimberley Material Yards</b>		<b>86276.3000</b>	<b>254.3567</b>					

## Schedule of Quantities

### Contract No. SIW

#### Kimberley North - Test Rooms - Radio Sites

Station	Kilometre / Location	Asset	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
<b>Microwave Tower</b>									
Kimberley		Microwave Tower	1500.000	5.000					
			<b>1500.000</b>	<b>5.000</b>					

<b>Test Rooms</b>									
<b>Kamfersdam-Sishen</b>									
Barkly West	34.625	Test Room	150.0000	0.5000					
Ulco	67.482	Test Room	100.0000	0.3333					
Koopmansfontein	98.778	Test Room	400.0000	1.3333					
Lirne Acres	151.647	Test Room	400.0000	1.3333					
Postmasburg	204.454	Test Room	600.0000	2.0000					
Sishen	269.643	Test Room	400.0000	1.3333					
				0.0000					
			<b>2 050.0000</b>	<b>6.8333</b>					

<b>Kimberley-Kamfersdam-Fourteenstreams</b>									
Warrenton	235.516	Test Room	400.0000	1.3333					
			<b>400.0000</b>	<b>1.3333</b>					
<b>SL, VC and Access Ways</b>	<b>229/10</b>	SL, VC and access ways	75.0000	0.2500					
	<b>237/5</b>	SL, VC and access ways	10.0000	0.0333					
	<b>241/13</b>	SL, VC and access ways	18.0000	0.0600					
	<b>242/3</b>	SL, VC and access ways	18.0000	0.0600					
	<b>248/3</b>	SL, VC and access ways	52.0000	0.1733					
	<b>252/12</b>	SL, VC and access ways	10.0000	0.0333					
	<b>256/1</b>	SL, VC and access ways	10.0000	0.0333					
	<b>271/13</b>	SL, VC and access ways	64.0000	0.2133					
	<b>274/8</b>	SL, VC and access ways	16.0000	0.0533					
	<b>275/4</b>	SL, VC and access ways	22.0000	0.0733					

	279/13	SL, VC and access ways	70.0000	0.2333					
	286/1	SL, VC and access ways	50.0000	0.1667					
	290/6	SL, VC and access ways	30.0000	0.1000					
	294/3	SL, VC and access ways	60.0000	0.2000					
	279/12	SL, VC and access ways	40.0000	0.1333					
	301/7	SL, VC and access ways	60.0000	0.2000					
	Windsorton Relay Room	SL, VC and access ways	60.0000	0.2000					
	Crossing at VSE	SL, VC and access ways	80.0000	0.2667					
			745.0000	2.4833					

Sub Total Test Rooms / Radio sites	4 695.0000	15.6500					
Provisional	469.5000	1.5650					
Total Test Rooms and Radio Sites	5 164.500	17.2150					

## Schedule of Quantities

Contract No. SIW

### KIMBERLEY NORTH YARDS - ELECTRICAL EQUIPMENT

H									
Item	Station	Kilometre / Location	m <sup>2</sup>	Total Annual Worklots (300m <sup>2</sup> )	Rate per Worklot Year 1	Sub Total Year 1	Rate per Worklot Year 2	Sub Total Year 2	Total for 2 Years
<b>TRANSCAPE-KAMFERSDAM</b>									
<b>Breaker Rooms</b>									
CONTENT		252.785	80	0.27					
SLYPKLIP		274.460	80	0.27					
KAMFERSDAM		301.325	80	0.27					
			<b>240.00</b>	<b>0.80</b>					
<b>6,6 KV Switchrooms</b>									
VEERTIENSTROME		229.10A	90	0.30					
WARRENTON		235.7A	465	1.55					
KARREEPUT		242.200	90	0.30					
WINDSORTON ROAD		262.896	90	0.30					
MACFARLANE at Switch Room		285.554	90	0.30					
MACFARLANE at Sub Station		286.575	90	0.30					
KAMFERSDAM		301.6A	90	0.30					
			<b>1 005</b>	<b>3.35</b>					
<b>H - Frames</b>									
VEERTIENSTROME		229.165	12	0.04					
WARRENTON		235.386	12	0.04					
WARRENTON		235.657	12	0.04					
WAR - WDW		241.393	12	0.04					

KARREEPUT	242.178	12	0.04					
WAR - WDW	248.125	12	0.04					
CONTENT	252.276	12	0.04					
WAR - WDW	256.030	12	0.04					
WINDSORTON	262.500	12	0.04					
WINDSORTON	262.896	12	0.04					
WDW - RVT	271.314	12	0.04					
WDW - RVT	274.210	12	0.04					
WDW - RVT	275.300	12	0.04					
WDW - RVT	278.506	12	0.04					
RIVERTON	279.850	12	0.04					
MACFARLANE at Switch Room	285.554	12	0.04					
MACFARLANE at Sub Station	286.575	12	0.04					
MFL - KFM	290.335	12	0.04					
MFL - KFM	294.192	12	0.04					
KAMFERSDAM	298.328	12	0.04					
KAMFERSDAM	301.261	12	0.04					
		<b>252</b>	<b>0.84</b>					
<b>TOTAL:TRANSCAPE-KAMFERSDAM</b>		<b>1 497.00</b>	<b>4.99</b>					

#### KAMFERSDAM-BEACONSFIELD

##### 11KV Substations

KIMBERLEY 'A' SUB	306.000	213	0.71					
BEC SWITCH ROOM 'J'	2.310	68	0.23					
BEC F SUB	1.850	90	0.30					
BEC 'D' SUB	0.190	24	0.08					
		<b>395.00</b>	<b>1.32</b>					

##### 3KV Substations

VEERTIENSTROME	230.09	1 484	4.95					
KARREEPUT	242.20	1 325	4.42					
CONTENT	252.78	1 703	5.68					
WINDSORTON ROAD	262.966	1 325	4.42					
SLYPKLIP	274.442	1 480	4.93					

MACFARLANE	285.532	1 325	4.42					
KAMFERSDAM	301.33	2 993	9.98					
BEACONSFIELD	309.163	1 500	5.00					
		<b>13 135.00</b>	<b>43.78</b>					

#### 6,6KV Substations

BEACONSFIELD	7,878	92	0.31					
		<b>92.00</b>	<b>0.31</b>					

**TOTAL: KAMFERSDAM-BEACONSFIELD**

**13 622.00 45.41**

#### KAMFERSDAM-HOTAZEL 3KV SUBSTATIONS

FIELDSVIEW	17.401	1 420	4.73					
WEIR	28.265	1 860	6.20					
BARKLEY WES	38.632	1 620	5.40					
GONG-GONG	49.831	2 100	7.00					
BORRELSKOP	61.044	1 080	3.60					
ULCO	72.737	2 310	7.70					
KNEUKEL	83.868	1 260	4.20					
NOOIBOS	95.108	1 680	5.60					
KOOPMANSFOTEIN	106.338	1 380	4.60					
PLATEAU	117.659	1 620	5.40					
ARIESFONTEIN	128.888	1 260	4.20					
TREWIL	140.213	1 650	5.50					
LIME ACRES	150.364	1 260	4.20					
CLIFTON	162.596	1 950	6.50					
GROENWATER	172.919	900	3.00					
BLINKKLIP	183.658	1 650	5.50					
TSANTSEBANE	194.258	1 200	4.00					
POSTMANSBURG	206.316	1 740	5.80					
BEESHOEK	216.692	1 350	4.50					
PALINGPAN	227.099	1 710	5.70					
GLOSAM	238.158	1 500	5.00					

LOHATLHA	248.480	1 800	6.00					
MOOKANENG	258.443	1 200	4.00					
SISHEN	268.191	1 740	5.80					
WICANTON	290.635	1 740	5.80					
MAMATHWANE	312.763	1 620	5.40					
HOTAZEL	334.059	1 620	5.40					
	<b>42 220.00</b>	<b>140.73</b>						

#### TIE-STATIONS

EMIL	279.941	72	0.24					
VLERMUISLAAGTE	301.621	72	0.24					
WITLOOP	323.413	72	0.24					
	<b>216.00</b>	<b>0.72</b>						

#### H - FRAMES

KIMBERLEY STATION	PR/306.399	12	0.04					
MFL - FDW	FL/011.543	12	0.04					
KFM - BEC	3.320	12	0.04					
KFM - BEC	5.996	12	0.04					
KFM - HLZ	7.720	12	0.04					
FIELDSFIEW STATION	17.912	12	0.04					
FDW - WEI	22.779	12	0.04					
WEIR STATION	28.363	12	0.04					
WEI - BKY	31.362	12	0.04					
WEI - BKY	31.962	12	0.04					
QRR	32.451	12	0.04					
BARKLY WEST STATION	S17	12	0.04					
BARKLY WEST	38.632	12	0.04					
BKY - BAD	39.582	12	0.04					
BAD STATION	42.952	12	0.04					
BAD - GOG	47.300	12	0.04					
GOG - WRS	51.279	12	0.04					
WRS STATION	55.009	12	0.04					
BORRELSKOP SUB	60.956	12	0.04					

BORRELSKOP STATION	61.470	12	0.04					
ULCO STATION	67.433	12	0.04					
ULCO WEST	69.788	12	0.04					
ULCO WEST	72.750	12	0.04					
GHAAP STATION	79.600	12	0.04					
KNEUKEL SUB	83.868	12	0.04					
GAP - KNL	85.870	12	0.04					
OLEA STATION	88.957	12	0.04					
OLA - KPM	94.921	12	0.04					
KPM STATION	98.717	12	0.04					
KPM SUB	106.342	12	0.04					
PLATEAU STATION	112.035	12	0.04					
PTU - AFN	117.675	12	0.04					
PTU - AFN	122.674	12	0.04					
ARRIESFONTEIN STATION	126.167	12	0.04					
ARRIESFONTEIN SUB	128.888	12	0.04					
TREWIL STATION	134.362	12	0.04					
SVR STATION	145.807	12	0.04					
SVR STATION	146.267	12	0.04					
LIME ACRES SUB	150.364	12	0.04					
LIME ACRES STATION	151.626	12	0.04					
LAC - LSC	161.070	12	0.04					
LSC - CTN	166.072	12	0.04					
CTN - GWR	170.909	12	0.04					
GROENWATER SUB	172.919	12	0.04					
GROENWATER STATION	174.360	12	0.04					
BLINKKLIP STATION	186.458	12	0.04					
TSE SUB	194.258	12	0.04					
TSE STATION	195.342	12	0.04					
PMG STATION	204.135	12	0.04					
PMG STATION	204.789	12	0.04					
PMG SUB	206.408	12	0.04					
PMG - BEK	210.640	12	0.04					
BEK STATION	212.338	12	0.04					
BEK - BOK	213.570	12	0.04					
BEESHOEK SUB	216.692	12	0.04					

BOKKOPPIE STATION	221.318	12	0.04					
PALINGPAN STATION	227.702	12	0.04					
GLOSAM STATION	232.675	12	0.04					
GLOSAM STATION	232.778	12	0.04					
GLOSAM SUB	238.158	12	0.04					
LOHATHLA STATION	241.083	12	0.04					
HBL STATION	251.181	12	0.04					
MOOKANENG STATION	256.510	12	0.04					
MOOKANENG SUB	258.443	12	0.04					
LILYVELD TURN OFF	266.116	12	0.04					
SISHEN STATION	268.970	12	0.04					
SISHEN STATION	269.639	12	0.04					
EMIL TIE	279.561	12	0.04					
WINCANTON SUB	290.635	12	0.04					
WINCANTON STATION	294.427	12	0.04					
	<b>840.00</b>	<b>2.80</b>						

Breaker Rooms								
FIELDVIEW	17.401	80	0.27					
KNEUKEL	83.868	80	0.27					
	<b>160</b>	<b>0.53</b>						

<b>TOTAL: KAMFERSDAM-HOTAZEL</b>	<b>43 436.00</b>	<b>144.78667</b>						
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<b>Sub Total Electrical Equipment</b>	<b>58 555.00</b>	<b>195.18</b>						
<b>Provisional 10 %</b>	<b>5 855.50</b>	<b>19.52</b>						

<b>Total Sub Stations and Relay Rooms</b>	<b>64 410.50</b>	<b>214.70</b>						
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