



TRANSNET FREIGHT RAIL, a division of

TRANSNET SOC LTD

Registration Number 1990/000900/30

[Hereinafter referred to as **Transnet**]

REQUEST FOR QUOTATION [RFQ] No CRAC DNR 20102

**FOR THE SUPPLY OF: VEGATATION CONTROL RAIL RESERVE KELSO-PORT
SHEPSTONE-SIMUMA 24 MONTHS**

FOR DELIVERY TO: KELSO-PORT SHEPSTONE -SIMUMA

ISSUE DATE: 10 NOVEMBER 2015

SITE MEETING: (COMPUSORY) 120 EEL ROAD BOARDROOM 10H00 19-11-2015

CLOSING TIME & DATE: 27 NOVEMBER 2015 AT 12H00

Section 1

NOTICE TO BIDDERS

Quotations which must be completed as indicated in Section 2 of this RFQ and submitted as follows

METHOD: Hand Deliver- Courier at Tender Box

CLOSING VENUE: Chairperson Transnet Freight Rail Acquisition Council
100 EEL ROAD
BAYHEAD
DURBAN.4001

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. As described in more detail in the attached B-BBEE Claim Form Transnet will allow a "preference" to companies who provide a valid B-BBEE Verification Certificate.

The value of this bid is estimated to be below R1 000 000 (all applicable taxes included) ; and therefore the **80/20** system shall be applicable.

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.

2.1 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 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.

3 Communication

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.

A Respondent may, however, before the closing date and time, direct any written enquiries relating to the RFQ to the following Transnet employee:

Name: R FRANKISH

Email: Bobby.Frankish@transnet.net

Telephone: 031 361 6045

Respondents may also, at any time after the closing date of the RFQ, communicate with the Secretariat of the Transnet Acquisition Council on any matter relating to its RFQ response:

Telephone 031 3614123 Or 031 3614023 e mail: tfrtendersurban@transnet.net

4 Legal Compliance

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

5 Changes to Quotations

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

6 Pricing

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

7 Prices Subject to Confirmation

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

8 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.

9 Disclaimers

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 or an alternative bid;
- 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 should it at Transnet's discretion be more advantageous in terms of, amongst others, cost or developmental considerations ;
- or
- Make no award at all.

Should a contract be awarded on the strength of information furnished by the Respondent, which after conclusion of the contract, is proved to have been incorrect, Transnet reserves the right to cancel the contract.

Transnet reserves the right to award business to the highest scoring bidder/s unless objective criteria justify the award to another bidder.

Transnet reserves the right to conduct Post Tender Negotiations (PTN) with selected Respondents or any number of short-listed Respondents, such PTN to include, at Transnet's discretion, any evaluation criteria listed in the RFQ document.

Should the preferred bidder fail to sign or commence with the contract within a reasonable period after being requested to do so, Transnet reserves the right to award the business to the next highest ranked bidder, provided that he/she is still prepared to provide the required goods at the quoted price.

10 Specification/Scope of Work

See the Pages of Specification pages inserted. (INDEX A1-A7 B1-B11 C1-C3 D1-5)

Transnet urges its clients, suppliers and the general public to report any fraud or corruption to

TIP-OFFS ANONYMOUS: 0800 003 056

CLOSING VENUE: 100 EEL ROAD BAYHEAD DURBAN 4001

CLOSING DATE & TIME: 12H00 21 NOVEMBER 2015

VALIDITY PERIOD: 90 DAYS Business Days

"PREVIEW COPY ONLY"

SECTION 2

EVALUATION CRITERIA AND RETURNABLE DOCUMENTS

- 11 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
Administrative responsiveness	Completeness of response and returnable documents
Substantive responsiveness	Prequalification criteria, if any, must be met and whether the Bid materially complies with the scope and/or specification given.
Technical Evaluation	AS PER THE PAGE ACCOMPANYING THIS TENDER. (E1-E6) 60% THRESHOLD.
Final weighted evaluation based on A 80/20 preference point	<ul style="list-style-type: none"> Pricing and price basis [firm] B-BBEE status of company - Preference points will be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table indicated in Annexure A: B-BBEE Claim Form.

- 12 Validity Period**

Transnet desires a validity period of 90 Ninety calendar days from the closing date of this RFQ.
This RFQ is valid for 90 days from closing date.

- 13 Disclosure of Prices Quoted**

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

YES ☐ NO ☐

- 14 Returnable Documents**

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

All Returnable Sections, as indicated in the header and footer of the relevant pages, must be signed, stamped and dated by the Respondent.

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

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

Please confirm submission of these mandatory Returnable Documents by so indicating [Yes or No] in the tables below:

Mandatory Returnable Documents	Submitted [Yes or No]
SECTION 3 : Quotation Form	

- b) In addition to the requirements of section (a) above, Respondents are further required to submit with their Quotations the following **essential Returnable Documents** as detailed below.

Failure to provide all these Returnable Documents may result in a Respondent's disqualification. Respondents are therefore urged to ensure that all these documents are returned with their Quotations.

Essential Returnable Documents	Submitted [Yes or No]
SECTION 2 : Evaluation criteria and list of returnable documents	
- SECTION 4 : RFQ Declaration and Breach of Law Form	
- Valid and original, or a certified copy, of your entity's B-BBEE Verification Certification as per the requirements stipulated in Annexure A B-BBEE Claims Form Note: failure to provide these required documents at the closing date and time of the RFQ will result in an automatic score of zero being allocated for preference	
- Original /Certified copy of valid Tax Clearance Certificate from SARS.	
- Original /certified copy valid Letter of Good Standing from DEPARTMENT OF LABOUR.	
- Valid Pest Control Certificate (WEED CONTROL) issued by dept of agriculture	

CONTINUED VALIDITY OF RETURNABLE DOCUMENTS

The successful Respondent will be required to ensure the validity of all returnable documents, including but not limited to its Tax Clearance Certificate and valid B-BBEE Verification Certificate, for the duration of any contract emanating from this RFQ. Should the Respondent be awarded the contract [the Agreement] and fail to present Transnet with such renewals as and when they become due, Transnet shall be entitled, in addition to any other rights and remedies that it may have in terms of the eventual Agreement, to terminate such Agreement forthwith without any liability and without prejudice to any claims which Transnet may have for damages against the Respondent.

SECTION 3 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 RFQ Terms and Conditions for the Supply of Goods or Services to Transnet; 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 incurred by Transnet in calling for Quotations and/or having to accept any less favourable offer.

Price Schedule

I/We quote as follows for the goods required, on a "delivered nominated destination" basis, excluding VAT: As per specification page 4.

Item No	Description of Goods /Services	Unit of Measure	Quantity	Unit Price (ZAR)	Total Price (ZAR)
1	VEGETATION CONTROL KELSO – PORT SHEPSTONE – SIMUMA.	PER WEEK	24		

Delivery Lead-Time from date of purchase order: _____ [days/weeks]

Notes to Pricing:

All Prices must be quoted in South African Rand, exclusive of VAT

- a) 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.

By signing this Quotation Form the Respondent is deemed to acknowledge that he/she has made himself/herself thoroughly familiar, and agrees, with all the conditions governing this RFQ, including those contained in any printed form stated to form part hereof, including but not limited to the documents stated below and Transnet SOC Ltd will recognise no claim for relief based on an

Respondent's Signature

Date & Company Stamp

allegation that the Respondent overlooked any such condition or failed properly to take it into account for the purpose of calculating tendered prices or otherwise:

1. Specifications and drawings included in this RFQ - If applicable; and
2. The following documents all of which are available on Transnet's website or upon request:
 - 2.1. General Bid Conditions;
 - 2.2. Standard RFQ Terms and Conditions for the Supply of Goods or Services to Transnet;
 - 2.3. Supplier Integrity Pact;
 - 2.4. Non-disclosure Agreement; and
 - 2.5. Vendor Application Form and all supporting documents (first time vendors only);

Alternatively, for all existing vendors, please provide vendor number(s) here:

Transnet Operating Division	Unique Vendor Number	Yes / No
Transnet Group		
TFR, etc.		

In the Yes/No column above, please confirm that all the information e.g. company address and contact details, banking details etc. are still correct as at the time of allocation of the vendor number(s). Alternatively, Respondents are required to provide the updated information with their bid submission.

SIGNED at _____ on this _____ day of _____ 20____

SIGNATURE OF WITNESSES

ADDRESS OF WITNESSES

1 _____

Name _____

2 _____

Name _____

SIGNATURE OF RESPONDENT'S AUTHORISED REPRESENTATIVE: _____

NAME: _____

DESIGNATION: _____

SECTION 4

RFQ DECLARATION AND BREACH OF LAW FORM

NAME OF ENTITY: _____

We _____ do hereby certify that:

1. Transnet has supplied and we have received appropriate responses to any/all questions [as applicable] which were submitted by ourselves for RFQ Clarification purposes;
2. we have received all information we deemed necessary for the completion of this Request for Quotation [RFQ];
3. we have been provided with sufficient access to the existing Transnet facilities/sites and any and all relevant information relevant to the Supply of the Goods as well as Transnet information and Employees, and has had sufficient time in which to conduct and perform a thorough due diligence of Transnet's operations and business requirements and assets used by Transnet. Transnet will therefore not consider or permit any pre- or post-contract verification or any related adjustment to pricing, service levels or any other provisions/conditions based on any incorrect assumptions made by the Respondent in arriving at his Bid Price.
4. at no stage have we received additional information relating to the subject matter of this RFQ from Transnet sources, other than information formally received from the designated Transnet contact(s) as nominated in the RFQ documents;
5. we are satisfied, insofar as our entity is concerned, that the processes and procedures adopted by Transnet in issuing this RFQ and the requirements requested from Bidders in responding to this RFQ have been conducted in a fair and transparent manner; and
6. furthermore, we declare that a family, business and/or social relationship **exists / does not exist** [delete as applicable] between an owner / member / director / partner / shareholder of our entity and an employee or board member of the Transnet Group including any person who may be involved in the evaluation and/or adjudication of this Bid.
7. In addition, we declare that an owner / member / director / partner / shareholder of our entity **is / is not** [delete as applicable] an employee or board member of the Transnet Group.
8. If such a relationship as indicated in paragraph 6 and/or 7 exists, the Respondent is to complete the following section:

FULL NAME OF OWNER/MEMBER/DIRECTOR/
PARTNER/SHAREHOLDER:

ADDRESS:

Indicate nature of relationship with Transnet:

[Failure to furnish complete and accurate information in this regard will lead to the disqualification of a response and may preclude a Respondent from doing future business with Transnet]

9. We declare, to the extent that we are aware or become aware of any relationship between ourselves and Transnet [other than any existing and appropriate business relationship with Transnet] which could unfairly advantage our entity in the forthcoming adjudication process, we shall notify Transnet immediately in writing of such circumstances.

BREACH OF LAW

10. We further hereby certify that I/we **have/have not been** [delete as applicable] found guilty during the preceding 5 [five] years of a serious breach of law, including but not limited to a breach of the Competition Act, 89 of 1998, by a court of law, tribunal or other administrative body. The type of breach that the Respondent is required to disclose excludes relatively minor offences or misdemeanours, e.g. traffic offences. This includes the imposition of an administrative fine or penalty.

Where found guilty of such a serious breach, please disclose:

NATURE OF BREACH:

DATE OF BREACH: _____

Furthermore, I/we acknowledge that Transnet SOC Ltd reserves the right to exclude any Respondent from the bidding process, should that person or entity have been found guilty of a serious breach of law, tribunal or regulatory obligation.

SIGNED at _____ on this _____ day of _____ 2015

For and on behalf of _____ duly authorised hereto	AS WITNESS:
Name:	Name:
Position:	Position:
Signature:	Signature:
Date:	Registration No of Company/CC
Place:	
Email address:	
Tel no cell:	
Tel no office:	
Fax office:	

BRIEFING CERTIFICATE

RFQ: CRAC DNR 20102

VEGETATION CONTROL KELSO-PORT SHEPSTONE-SIMUMA

INFORMATION SESSION

RFQ SITE / BRIEFING MEETING

A COMPULSORY SITE / BRIEFING MEETING WILL BE HELD AT THE FOLLOWING VENUE

VENUE: 120 EEL ROAD, BAYHEAD, DURBAN

TIME: 10:00 BOARDROOM

DATE: 19 NOVEMBER 2015

The Site / Briefing Meeting is compulsory, companies not attending are overlooked in the tender award process.

ATTENDANCE CERTIFICATE

This is to certify that _____

Representatives/s of _____

Has / have today attended the Tender briefing in respect of the proposed:

TRANSNET REPRESENTATIVE

TENDERERS REPRESENTATIVE

DATE: _____

VERY IMPORTANT

ANY TENDERER NOT ATTENDING THE SITE / BRIEFING MEETING WILL AUTOMATICALLY BE EXCLUDED FROM THE BUSINESS AWARDDING PROCESS.

SPECIAL CONDITIONS OF CONTRACT AND SPECIFICATIONS

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- PART A : GENERAL**
- PART B : VEGETATION CONTROL**
- PART C : SCHEDULE OF QUANTITIES AND PRICES**
- PART D : SCHEDULE OF DIAGRAMMS**

"PREVIEW COPY ONLY"

SPECIAL CONDITIONS OF CONTRACT AND SPECIFICATIONS

PART A - GENERAL

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A1. SCOPE OF WORK

This contract covers the control and eradication of declared weeds and declared plant invaders in the rail reserve.

The area covered by this contract will be **Kelso to Port Shepstone and Simuma** by means of mechanical and chemical herbicide methods on Transnet property.

The geographical area controlled is under the total control of the Depot Engineer, Durban.

To this extent the areas treated chemically or otherwise in terms of this contract shall be;
Rendered and maintained free of declared weeds

Declared invader plants eradicated.

The control of vegetation at level crossings as indicated in the Schedule of Quantities and Prices.

Obstructing vegetation as defined, for the periods specified herein

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

The contractor shall be responsible for, all vegetation matters, for the proper delivery of the product as stated in this contract.

The Contractor shall obtain his/her own information regarding species (indigenous and exotic), occurrence and extent of vegetation to be controlled in order to comply with the required standards.

A2. SUFFICIENCY OF TENDER

A2.1 The contract will only be awarded to a tenderer who has experience in the **application of herbicides in Southern Africa**.

A2.2 A Site Inspection Certificate (E4A) section 9, signed by the Manager or his/her deputy (compulsory), must be submitted with the tender, and the submission thereof will be deemed to indicate the Contractor's acquaintance with the occurrence and extent of species of vegetation to be controlled and all aspects that will and/or may affect such control and costs thereof.

A3. DURATION OF CONTRACT

The work provides for the control of vegetation for a period of **two years (24 months)** commencing on the awarding date of acceptance of tender with Transnet. The physical start date will be 14 calendar days after notification.

A4. COMPLIANCE WITH STATUTES

A4.1 The Contractor'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 Environmental Conservation Act (Act 73 of 1989).
- 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) (CARA) 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 1998)
- The above documents shall be purchased by the contractor

A4.2 Declared weeds and declared plant invaders means **Category 1, 2 & 3 plants** that are proclaimed under the Conservation of Agricultural Resources Act, 1983 (Act 43 of 1983), listed in Regulation 15.

A4.3 Where herbicides are used, the Contractor's authorised representative 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 Officer shall be in direct control of work taking place on site at all times whilst herbicides are being used.

A5. GENERAL

Notwithstanding what is stated in clause 11 of the notice to Tenderers, Tenderers are required to tender for all the areas quoted in the Schedule of Quantities and Prices. Transnet may conclude one or more contracts as a result of this tender.

A6. GUARANTEES

Guarantees are not required in this contract.

A7 TO BE PROVIDED BY TRANSNET

The following resources and services will be provided free of charge by Transnet where required:

A7.1 Water as a resource, required from Transnet's existing points of supply; such water may be untreated, chemically treated or borehole water. The Contractor 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.

A7.2 Inspections of the areas of work by motor trolley may be arranged with the contract supervisor, but will have to coincide with normal track inspections carried out by the inspection/technical staff of the Depot. The contract supervisor shall be given timeous notice (4 calendar weeks) of the Contractor's intention to inspect.

A8. NO EQUIPMENT SHALL BE PROVIDED BY TRANSNET

A9. TO BE PROVIDED BY THE CONTRACTOR

A9.1 In addition to all labour, materials, plant, equipment and incidentals needed to complete the work, the Contractor shall provide all accommodation for his/her employees away from any Transnet property. Toilet and showering facilities within depots may not be used. The use of mobile toilets is for the contractor discretion.

A9.2 The Contractor 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. This may mean that the vehicles and trailers will have to be kept locked if unattended.

The Contractor 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 contract area.

A9.3 GPS Device usage:

This device shall be used at all work sites to communicate via photographs with added satellite to ground coordinates. In other words, the device shall capture all work in the field that has been done on a weekly basis, therefore the photographs will be sent to the contract supervisor's desktop computer on a weekly basis via email.

A9.3.1 Minimum specifications of the GPS –

- outdoor navigation
- built-in 8 MP auto-focus digital camera.
- each photograph to be geotagged (coordinates) allowing you to navigate back to that exact spot.
- shaded relief
- WAAS- and GLONASS-enabled GPS receiver and HotFix® satellite prediction.

A10. SCHEDULE OF QUANTITIES AND PRICES

A10.1 The quantities in the schedule of quantities and prices are estimated and may be more or less than stated. The Contractor shall submit with his/her tender a complete and detailed priced schedule (prepared in red ink) for the Works.

A10.2 The Tenderer shall price each item. If the Contractor has omitted to price any items in the schedule, the document will be rejected and the cost of the work included in such items will not be held to be spread over and included in the prices given in the other items of work.

Reasonable prices should therefore be inserted for every item as these prices may be considered in adjudication of tenders.

A10.3 The short descriptions of the items in the schedule are for identification purposes only. The Special Conditions of Contract and Specifications shall be read in conjunction with the schedule, and in so far as they have any bearing, shall be referred to for details of the description, quality, and test of plant and material used, and the workmanship, conditions, obligations, liabilities and instructions generally which shall be complied with in carrying out the Contract. The cost of complying with all conditions, obligations and liabilities described in the contract documents including profit, shall be deemed to be included in the rates quoted by the Contractor in the schedule of quantities and prices.

A11 VALUE ADDED TAX

A11.1 Value added tax shall be excluded from individual payment item rates as it will be added to the total of the specific inspection measurement.

A12. EVALUATION OF TENDERS

A12.1 Tenders may submit alternatives to the methods of weed control described herein. Such alternatives as well as the materials and methods which the Contractor proposes to use, as well as programmes and Transnet resources for the contract, will be considered during evaluation of tenders.

A12.2 The Tenderer shall submit as part of his/her tender, all relevant details of his/her:

- Methodology and production rate of works
- working plan/programme
- vehicle requirements
- machinery requirements
- water usage
- GPS device specifications
- herbicide product names, plant names and methods of treatment
- any other information needed to enable the tender to be evaluated as described above

A13. SITE MEETINGS

The Contractor shall attend site meetings when required. These meetings will be held under the chairmanship of the Supervisor. When sub-contractors are required to attend, the Contractor shall ensure their attendance.

A14. SITE BOOKS

- A14.1 The "Site Instruction Book", shall have numbered sheets for receiving and recording instructions by the Supervisor and shall be clearly marked "Site Instruction Book".
- A14.2 An electronic spreadsheet as a site diary, for production capture and submitted on a weekly basis, on Mondays. (such as – date, weather conditions, staff availability, herbicide usage, area) If no entry was made the "NULL" word must be entered. Any claim arising from delays that cannot be substantiated by reference to the site diary will not be considered. 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.
- A14.3 This site diary shall serve as a daily record of all relevant information concerning herbicide application and conditions prevailing on site and as required in terms of section 16 of Act 36 of 1947.
- A14.4 Only persons authorised in writing by the Supervisor or Contractor may make entries in the site books.
- A14.5 Receipt of materials supplied by Transnet shall be recorded in the "site diary". This would refer specifically to water taken from Transnet property. Place, time and approximate quantity of water will be recorded in the site diary.

A15. INFORMATION TO BE PROVIDED WITH TENDER

The Tenderer shall submit the following information at the time of tendering:

- A15.1 Full description of the plant and methods of control to be used by him/her for all aspects of the work required to ensure performance as specified.
- A15.2 Whether the tenderer intends to work on Saturdays, Sundays or statutory holidays or is prepared to work on such days if required to do so by Transnet.
- A15.3 Proof of inspection of all sites on the enclosed Site Inspection-Certificate must be signed.
- A15.4 The Schedule of Quantities and Prices must be completed in full.

- A15.5 An undertaking that all spraying and mechanical equipment will be ready for operation and that the spraying can commence timeously, to comply with requirements of the contract.
- A15.6 A list of registered products to be used in the work, supported by specimen labels, indicating:
Trade name
Generic name
Registration Number
Ingredients (type and content) as shown on the label
Application rates
Hazardous chemical data sheets must accompany each herbicide specimen label

PLANT SPECIES SUPPLIED ON ADDENDUM 1

All relevant herbicide labels shall be linked to specific plant species to be controlled.

The Manager's approval shall first be obtained for use of other herbicides.

- A15.7** 1 A description of the methods to be used for general vegetation control must be provided. This must include the description and rate of application of chemicals and design mixtures.
- 2 The precautions to be taken to prevent damage of adjacent vegetation, the type and method of use of the proposed equipment and any other relevant information.
- 3 The description and rates of application submitted shall serve as the minimum basis for estimating performance and vegetation control by the Contractor. The herbicides specified shall be used as the basis for evaluating the efficacy of the Contractor's proposed method of work.

The Contractor shall not depart from the minimum material usage tendered, without approval from the supervisor.

A copy of the certificate issued by the Department of Agriculture to certify that the tenderer or his/her representative is a pest control operator in terms of Act 36 of 1947, as stipulated under clause A4.3, must be submitted

A15.8 HEALTH AND SAFETY

- A15.10 Colour photographs of all safety wear (personal protective equipment) as per operator type shall be supplied. This shall include ALL personal on site. Each operator type shall be displayed on an A4 size colour photograph.

- A15.11 Certified copies of all original certificates shall be required. This will include in all probability the following certificates and licenses:

Pest control operator certificates as in clause A15.9
Vehicle driver licenses
Brush cutter-operator-certificates
Chainsaw-operator-certificates
First aider certificates

- A15.12 The person/s responsible for on-site safety shall be elected by the contractor.

INVASIVE PLANTS – Terrestrial

(addendum 1)

<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>ZONE</u>
<i>Acacia mearnsii</i>	Black Wattle	NML-CN
<i>Anredera cordifolia</i>	Madiera vine	SC-BYD
<i>Arundo donax</i>	Giant reed	SC-BYD-NML
<i>Caesalpinia decapetala</i>	Mauritius Thorn	CN-S/C
<i>Canna indica</i>	Wild Canna	SC-BYD-NML
<i>Cardiospermum grandiflorum</i>	Balloon vine	BYD-NML-S/C
<i>Casuarina cunninghamiana</i>	Beefwood	SC-NML
<i>Cestrum laevigatum</i>	Ink Berry	SC-BYD-NML
<i>Chromolaena odorata</i>	Triffid Weed	SC-BYD-NML
<i>Euphorbia cyathophora</i>	Wild Poinsettia	NML
<i>Ipomoea alba</i>	Moonflower	BYD
<i>Ipomoea cairica</i>	Coastal morning glory	SC-BYD
<i>Jacaranda mimosifolia</i>	Jacaranda	SC-BYD-NML-CN
<i>Lantana camara</i>	Common Lantana	SC-BYD-NML-CN
<i>Leucaena leucophala</i>	leucaena	SC-BYD-NML
<i>Melia azedarach</i>	Syringa	SC-BYD-NML-CN
<i>Morus alba</i>	Mulberry	SC-BYD-NML
<i>Opuntia ficus-indica</i>	Prickly pear	SC-NML-CN
<i>Pennisetum purpureum</i>	Napier grass	SC-NML-BYD
<i>Psidium guajava</i>	Guava	SC-BYD-NML
<i>Rhus succedanea</i>	Wax Tree	NML-CN
<i>Ricinus communis</i>	Castor Oil Bush	SC-BYD-NML
<i>Rubus cuneifolius</i>	American bramble	SC-BYD-NML-CN
<i>Schinus terebinthifolius</i>	Brazilian Pepper	SC-BYD-NML
<i>Senna didymobotrya</i>	Peanut Cassia	NML-CN-BYD
<i>Sesbania punicea</i>	Brazilian Glory Pea	NML-CN
<i>Solanum mauritianum</i>	Bug Weed	SC-BYD-NML-CN
<i>Tecoma stans</i>	Yellow bells	SC-BYD-NML
<i>Tithonia diversifolia</i>	Mexican Sunflower	SC-BYD-NML
<i>Parthenium hysterophorus</i>	Parthenium Weed	S/C-BYD-NML
<i>Argemone mexicana</i>	Mexican Poppy	S/C-BYD-NML
<i>Cascabela thevetia</i>	Yellow Oleander	S/C-BYD-NML

SPECIAL CONDITIONS OF CONTRACT AND SPECIFICATIONS
PART B: VEGETATION CONTROL

CONTENTS

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B1. SCOPE

- B1.1** The scope of the work consists of the control and eradication of declared weeds and declared plant invaders in the rail reserve, excluding yard areas, from **Kelso to Port Shepstone** and **Simuma** as indicated in the Schedule of Quantities and Prices.

This includes all trees and shrubs growing near open lines or cable routes deemed threatening to the normal operation of on-track machinery and vehicles.

- B1.2** The essence of the contract is that Transnet requires vegetation to be brought under control and maintained at a certain standard as specified, for the duration of the contract period.

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 contract.

- B1.3** The ways and means by which the above-mentioned results are obtained are the responsibility of the Contractor. Transnet, however, shall have the right to monitor the materials and activities of the Contractor 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 and shall in no way relieve the Contractor of his/her responsibility for satisfactory control of vegetation.

Failure to comply with the minimum performance proposed by the Contractor 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 contract.

- B1.4** The Contractor 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.

B2. DEFINITIONS**B2.1 RAIL RESERVE****B2.1.1 CONTROL**

Control is achieved when all existing or potential growth of the declared weeds and declared plant invaders are permanently impaired or destroyed by the application and effects of chemical herbicides, to the extent that :

- the constituent parts of the declared weeds and declared plant invaders occurring within the area of treatment (work-lots) cease to exist as living organisms or entities; and
- declared weeds and declared plant invaders have been cut back to a height of 0.5 metres or lower and that the remaining stumps cease to exist as living organisms or entities; and
- No new growth, such as seedlings or saplings, of declared weeds or declared plant invaders, of any height occur; and
- There are no dead or dry remains of the vegetation within the treated area which may constitute a hazard, danger, or hindrance to Transnet personnel, equipment trucks or operations.

Control constitutes a process or situation where the destruction of any new growth or re-growth of the declared weeds and declared plant invaders on treated areas occurs on an **on-going basis** and not only at the time of measurement and payment inspections.

B2.1.2 AREAS

Areas shall be defined as the entire surface area of cuttings, embankments and flat areas.

B.2.1.3 WORKLOTS

A work-lot is a subdivision of any area on which the contractor shall control vegetation.

A work-lot is 250 square meters and shall be measured according to the following parameters: starting at 3 metres from the centre of track, (track verge area) and proceeding toward the fence/boundary line.

B2.2 The rail reserve is the railroad property and includes the areas adjacent to the track from fence to fence.

B2.3 Depots/areas are those sites where assets such as stores and workshops are located, areas of stacking space, hard standing, buildings, access roads, railway tracks and dumping areas within the railway reserve.

This may also include radio masts, signal equipment, relay stations and electrical sub-stations and other specified areas outside the railway reserves.

B2.4 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.

B2.5 Spraying means the even and uniform application of chemical herbicides at the rate specified and applies to liquid, granular or any other formulation.

B2.6 A staked cable route is the area directly beneath or adjacent to places where signal or other cables are suspended above ground level. Such routes are not necessarily adjacent track-work.

B2.7 OBSTRUCTING VEGETATION

This includes all vegetation of the following nature:

- Overhead cables must be free of all vegetative matter within a 5m radius.
- All protruding vegetation (inclusive of overhanging canopies but excluding grass) within 6m from the centre of the track.
- All vegetation obstructing the line of sight of essential traffic signs.
- All other vegetation as pointed out by the Manager that is deemed threatening to the normal operation of the track.

B3. METHOD OF VEGETATION CONTROL

B3.1 The Contractor's methods and program shall provide rapid and effective control in all areas, but particularly building surrounds, staked cable routes, level crossings, shunting yards and approaches to stations. Techniques, programming and chemicals employed shall therefore be directed at this aim. The Contractor shall carry out immediate treatment of growth in all instances where rapid and effective control is not achieved during any period of the contract.

B3.2 The type of herbicides and the methods of application to be employed are as specified by the Contractor per Part A and are subject to the approval of, and monitoring by the Manager.

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.

B3.3 Any deviation from the method of work submitted as per clause A16.7 by the Contractor shall be subject to the approval of the Manager.

B3.4 SITE CONDITION AND ACCESS

Further to what is stated in clause B.1. of this specification, eradication of trees and shrubs may normally be required on the side slopes of embankments and cuttings. The Contractor shall make due allowance for work being carried out on steep slopes.

Access will be by way of Transport service roads. However these roads may not meet up with all work-sites. Therefore it is the responsibility of the contractor to be well aware of this fact when undertaking the initial site inspection. Access roads may branch or be interlinked from other service roads such as farm roads or public district roads.

B3.5 EXISTING VEGETATION

The Contractor shall not damage existing indigenous vegetation that is not threatening to the normal operation of on-track machinery and vehicles and he/she shall be held responsible for the full reinstatement thereof should avoidable damage of any nature occur.

B3.6 DISPOSAL OF VEGETATIVE MATERIAL

Further to clause B2.1.1 of this specification, the Contractor at no additional cost shall remove all vegetative matter resulting from the cutting and eradication of declared weeds and declared plant invaders (trees and shrubs), from all the cuttings. The Contractor is to ensure that no vegetative matter is deposited into open lined concrete channels, earthen drains above or below cuttings and culvert inlets and outlets. No disposal of vegetative matter may be done on adjacent lands. (See Part D: Diagram D1).

All vegetative matter produced as a result of cutting of trees and shrubs must be removed from the top two meters of the bank.

Suitable areas and/or methods will be agreed to with the Manager on site prior to disposal of cut material.

Vegetative matter to be removed from cuttings is not allowed to take place across the railway lines without the necessary protection in place, and agreed to by the Manager.

B4. STANDARDS OF WORKMANSHIP

B4.1 Standard of vegetation control for individual work-lots in the Rail Reserve:

B4.1.1 Vegetation control shall be such that there is no live declared weeds and declared plant invaders exceeding 500mm in any dimension, occurring in the work-lot,

This excludes overhanging canopy growth of plants: -

- (i) With rootstock established entirely outside the work-lot
- (ii) With rootstock established on the boundary of the work-lot provided that control was achieved over the remainder of the work-lot

The boundary concerned is not the boundary of an adjoining work-lot.

B4.1.2 In addition, there shall be no dry or dead remains of declared weeds and declared plant invaders within the work-lot greater than 500mm in height and of a density such that it constitutes a hazard, hindrance or danger to Transnet 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 Manager.

B4.2 For this contract, the Contractor 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 Manager prior to work starting.

B4.3 Overall control

B4.3.1 The overall standard of control to be achieved by the Contractor over the contract area, defined as "Overall Control" and expressed as a percentage, will be determined by application of the following formula;

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

B4.3.3 Failure by the Contractor to achieve the standard of "Overall Control" shall constitute a material breach of contract by the Contractor

B5. PROGRAMME OF WORK

- B5.1** The Contractor shall undertake the planning and programming of the entire vegetation control operation and shall submit to the Manager for approval full particulars thereof within 2 weeks from the date of notification by Transnet of the acceptance of his/her tender or the commencement of the annual rainy season as the case may be.
- B5.2** The particulars to be provided in respect of the Contractor's vegetation control programme shall include but not be limited to the following:
- B5.2.1** An assessment, based on a proper site investigation of the nature and types of vegetation to be controlled in the contract area,
- B5.2.2** The appropriate methods and procedures to be implemented by him/her to achieve the standards of vegetation control required in terms of the contract,
- B5.2.3** The chemicals to be applied, design mixes, rates of application and the timing and number of applications.
- B5.2.4** The methods and procedures to be implemented in mixing of chemicals pertaining to health and safety, quality control, protection of third parties and security,
- B5.3** The Contractor 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.
- B5.4** The Contractor's program shall allow for commencement with the initial application of chemicals at the appropriate timing for achieving maximum success and for completion in the shortest possible time, but not later than 14 weeks after commencement of the initial application.
- B5.5** The programme shall be based on the quantities and numbers of worklots shown in the Schedule of Quantities and Prices.
- B5.6** In addition to the annual programme provided for in terms of B5.1, the Contractor shall submit daily working programs to the Manager, 7 days in advance of the next working week, indicating the specific areas where the Contractor will be working each day of the week. Failure by the Contractor to submit a daily programme and/or deviating from it without notifying the Manager, preventing him/her from monitoring the Contractor's performance, may result in payment for such work being withheld.

B6. PERFORMANCE MONITORING AND EVALUATION

- B6.1 The Contractor 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.
- B6.2 The Manager shall at any time during the application periods carry out inspections of the Contractor's performance methods and procedures.
- B6.3 The Manager **shall**, during each year of the contract, carry out four official inspections of the work for the purpose of measuring progress and evaluating whether control, as defined, has been achieved.

The Manager will inform the Contractor 14 days in advance of the schedule of these inspections and will arrange the transport such that adequate space and time is available for the purpose of the inspection.

The inspections shall be performed visually and the Contractor shall be present or forfeit his/her right to dispute the measurements and evaluation of the Supervisor. Completion of the Contractor's program and after he has notified the Manager that he has inspected the work and that control has been achieved.

- B6.3.1 **The first inspection will take place 16 weeks** after the actual start date (awarding date) and will be evaluated on the specified level of control as described in B4.1 and B4.2.
- B6.3.2 **The second inspection will take place 12 weeks** after the first inspection, and will be evaluated on the specified level of control as described in B4.1 and B4.2.
- B6.3.3 **The third inspection will take place 12 weeks** after the second inspection, and will be evaluated on the specified level of control as described in B4.1 and B4.2.
- B6.3.4 **The fourth inspection will take place 12 weeks** after the third inspection, and will be evaluated on the specified level of control as described in B4.1 and B4.2.

The inspection times for the second year of the contract will be evaluated on the specified level of control as described in B4.1 and B4.2.

- B6.3.4 During each of these inspections the work-lots treated will each be measured and evaluated.
A work-lot that does not comply with the specified level of control will be recorded as a "rejected work-lot".
- B6.4 In the case where the Manager and the Contractor fail to agree on whether a work-lot has failed, the work-lot shall be recorded as a "disputed work-lot" and the Contractor shall prepare an appropriate record of all disputed worklots in order that such disputes may be resolved by way of the disputes resolution.
- B6.5 The Project Manager reserves the right to forego any inspection by giving the Contractor written notice of his/her intention to do so. Should the Project Manager decide to forego any inspection, he/she would thereby indicate that he/she is satisfied with the standard of workmanship required for that specific inspection only. He/she would then make full payment to the Contractor to the value associated with that inspection.

The fact that the Project Manager may decide to forego any inspection at his/her discretion does not imply that further inspections would not be carried out. It only implies that for that inspection, the Project Manager is satisfied with the control achieved and will not penalize the Contractor for that inspection.

B7. REMEDIAL WORK

- B7.1 The Contractor shall carry out remedial work to all worklots where control has not been achieved, prior to the official inspections in terms of clause B6 taking place. Such remedial work shall include the removal of dry or dead growth with any dimensions in excess of 300mm and forming a nuisance or hazard to Transnet Operations, from the treated worklots.
- B7.2 The Manager may, at any time after the first measurement, order the Contractor 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 Manager for his/her approval. Failing to do so, the Manager may arrange for such action to be carried out by others at the cost of the Contractor.

B8. DAMAGE TO FAUNA AND FLORA

- B8.1 The Contractor 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.
- The Contractor shall take the presence of drainage works within yards or depots into account and shall ensure that no water-borne movement of herbicides is possible.
- B8.2 The Contractor shall not apply any chemicals of an explosive, inflammable, highly volatile or corrosive nature which may damage commercial crops indigenous vegetation or property or be hazardous to humans or animals. The Contractor shall assume full responsibility for the efficiency and safety of whatever chemicals are used.
- B8.3 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 Contractor 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 property or as part of Transnet refuse.
- B8.4 The Contractor shall take particular note of environmentally sensitive areas and shall plan and execute his/her work with the utmost care and responsibility.
- B8.5 **Burning will not be allowed under any circumstances as a means of control. The making of fires, for whatever purpose, on Transnet property is also strictly prohibited.**
- B8.6 **Certain protected plant species and desirable plants are not to be controlled or removed and this plant material will be identified by the Manager or his/her deputy) prior to the start of the Contractor's program.**

B9. MEASUREMENT AND PAYMENT

- B9.1 Payment will be based on the numbers of worklots treated as instructed by the Manager and to which the Contractor successfully applied the vegetation control measures and has achieved the standard of control defined in clause B4.1.
- B9.2 No payment will be made for rejected work-lots where control achieved does not meet the standards of control specified.
- B9.3 Measurement and payment for the work completed will be made in 4 stages per year as follows:
- B9.3.1 After completion of the initial program of the entire contract area the Manager or his/her deputy and the Contractor will measure the work performed (number of work-lots and level crossings treated) in accordance with clause B6.3.1. The Contractor will thereafter receive **payment at 40% of the rates tendered** for all of the completed work.
- B9.3.2 A second measurement and evaluation will be made after the first official inspection conducted in accordance with clause B6.3.2. The Contractor will thereafter receive **payment at 20% of the rates tendered** for all work-lots where control as specified has been achieved.
- B9.3.3 A third measurement and evaluation will be made after the second official inspection conducted in accordance with clause B6.3.3. The Contractor will thereafter receive **payment at 20% of the rates tendered** for all work-lots where control has been achieved.
- B9.3.3 A fourth measurement and evaluation will be made after the third official inspection conducted in accordance with clause B6.3.4. The Contractor will thereafter receive **payment at 20% of the rates tendered** for all work-lots where control has been achieved.
- B9.3.4 **The same measurements and payment percentages apply to the second year of the contract.**
- B9.4 The rates and prices tendered in the Schedule of Quantities and Prices are composite and shall be fully inclusive of all the Contractor costs in respect of establishment on site, labor, material consumables, Head Office overhead costs, the Contractor's profit, for all delay and consequential costs and for everything of whatever nature required of the Contractor for completion of the work included in the Contract.

No additional payment will be made for the procurement, handling transport and incidental costs in the amount tendered for the removal, treatment and disposal of trees and shrubs and other plant material which may occur as the result of removal / cutting.

Payment will be based on the numbers of work-lots treated as instructed by the Manager and to which the Contractor successfully applied the vegetation control measures and has achieved the standard of control defined in clause B4.1.

B10 LEVEL CROSSINGS**B10.1 CONTROLS**

Control is achieved when all existing or potential growth of vegetation is cut to a maximum height of 300mm.

- The constituent parts of all plants occurring within the area of treatment cease to exceed 300mm in height.
- The constituent parts of all plants (dead or alive) cease to 300 mm in height for the total duration of the contract.
- There are no dead or dry remains of any vegetation within the treated area, which may constitute a fire hazard, danger, or hindrance of Transnet personnel, equipment trucks or operations.

Control constitutes a process or situation where control as defined occurs on an on-going basis and not only at the time of measurement and payment inspections.

B10.2 CLEAN LEVEL CROSSING

The successful control of vegetation at a railway level crossing, giving motorists a clear vision to the left and right of the railway line for possible approaching rail traffic when stationed at stop/yield sign (See Part D).

B10.2.1 Level Crossings, where control is required may be irregular in shape and will normally be measured per crossing as per sketch.

For inspection and payment purposes, any growth taller than 300mm in any one of the level crossing quadrants of a level crossing shall result in that/those level crossing section/s being rejected.

B10.3 Level Crossing Quadrant

A level crossing consists out of four quadrants. The number of quadrants per level crossing to be treated can differ and is as per schedule of quantity (See Part D).

B10.4 Level Crossing Section

A level crossing section is the level crossing quadrants to be treated that are on the same side of the railway line (See Part D). A level crossing section can consist of one or two level crossing quadrants as specified in the Schedule Quantities.

B10.5 The overall standard of control to be achieved by the Contractor over the contract area, defined as "Overall Control" and expressed as a percentage, will be determined by application of the following formula;

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

- B10.6 The Contractor is to ensure that there will be no plants or any means of vegetation higher than 300mm at any of the level crossings, within 40 calendar days from commencement of the contract through to the completion date of the contract.

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SPECIAL CONDITIONS OF CONTRACT AND SPECIFICATIONS

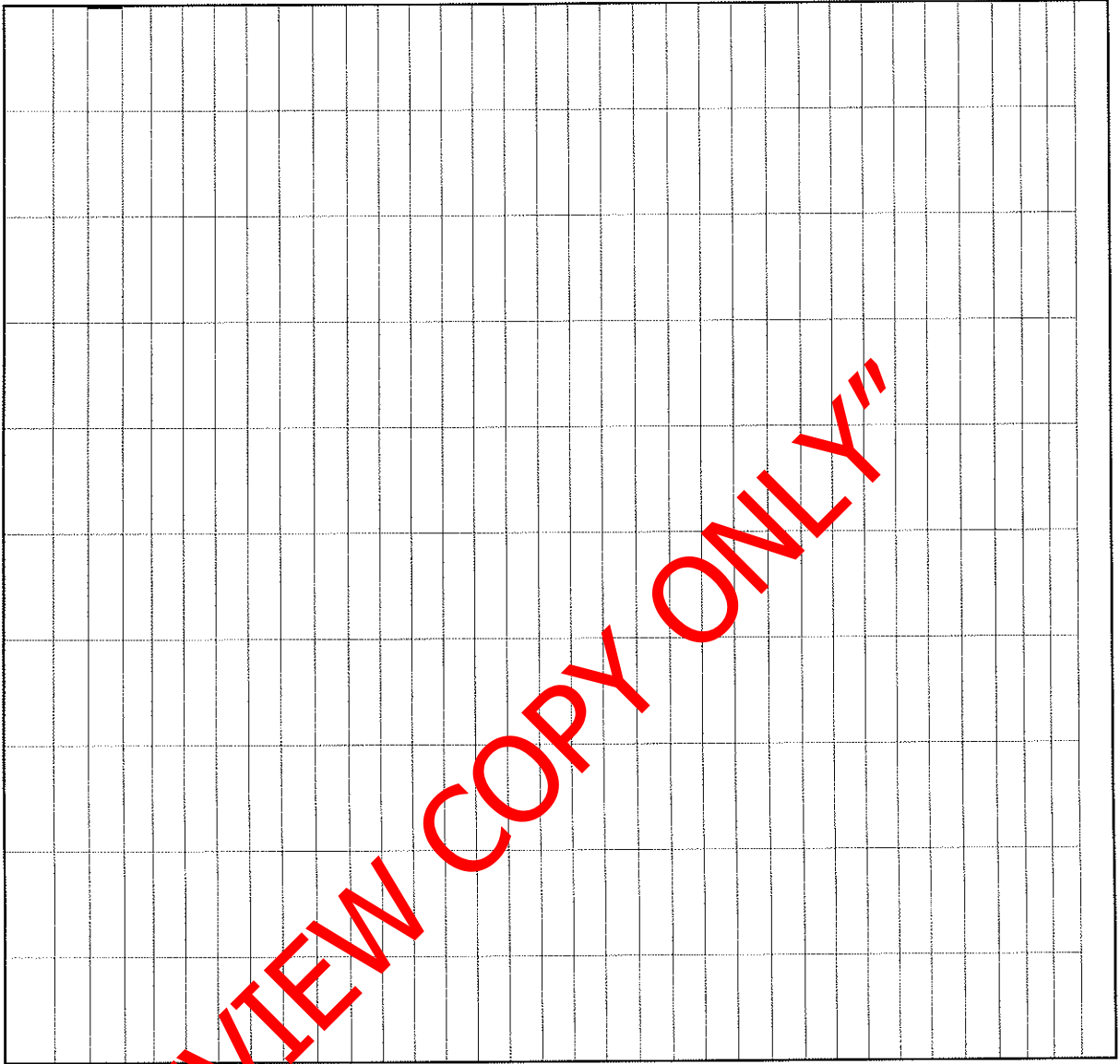
PART C: SCHEDULE OF QUANTITIES

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	PAGE NO.
C1 SUMMARY	C1
C2 RAIL RESERVE	C2

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PART C - SCHEDULE OF QUANTITIES AND PRICES - KELSO TO PORT SHEPSTONE TO SIMUMA AND SOUTH WHARF - 2016-2018									
PLACE	DESCRIPTION	HA	WORK-LOTS	RATE PER	TOTAL FOR	RATE PER	TOTAL FOR	TOTAL FOR	
		ONE	PER CYCLE	WORK-LOT	YEAR 1	YEAR 1	YEAR 2	YEAR 2	2 YEARS
		CYCLE	250SM						
KELSO-SHEPSTONE	CONTROL AND PRUNE ALL TREES								
A-Track centre to mast-3 metres	Overhang from outer 3 metre corridor	30	1200						
	ESTABLISH								
B- Mast to 3 metre line	Veld grasses and herbaceous perennials	30	1200						
	CONTROL AND ERADICATE EXOTICS								
C-3 metre line to boundry-15metres	Trees, shrubs & climbers	150	6000						
D-3&15 METER ZONES	SERVICE ROAD- 4 CYCLES PER YEAR	0.9	36						
E-3&15 METER ZONES	LEVEL-CROSSINGS-19 (Six cycles per year)	2.85	114						
F-outer verge on fills	CULVERTS-115 each (3-4 cycles per year)	0.7	28						
G-outer verge ingress	control leaning Strelitzia nivalis	2	80						
SHEPSTONE-SIMUMA	CONTROL AND PRUNE ALL TREES								
A-Track centre to mast-3 metres	Overhang from outer 3 metre corridor	8.4	336						
	ESTABLISH								
B- Mast to 3 metre line	Veld grasses and herbaceous perennials	8.4	336						
	CONTROL AND ERADICATE EXOTICS								
C-3 metre line to boundry-18metres	Trees, shrubs & climbers	50.4	2016						
	CONTROL AND ERADICATE EXOTICS								
D-Bolton sub-station	4 cycles- establish veldt grasses	0.3	12						
E-outer verge on fills	CULVERTS-85 each (3-4 cycles per year)	0.51	20.4						
F-verge walkways	cut and spray 400 metres track verge	0.12	4.8						
SHEPSTONE-SWHARF	CONTROL AND PRUNE ALL TREES								
A-Track centre to mast-3 metres	Overhang from outer 3 metre corridor	0.72	28.8						
	ESTABLISH								
B-Mast to 3 metre line	Veld grasses and herbaceous perennials	0.72	28.8						
	CONTROL AND ERADICATE EXOTICS								
C-3 metre line to boundry-7metres	Trees, shrubs & climbers	1.68	67.2						
	SUB TOTALS	287.7	11508						
Level crossings to be kept under 30 centimetres at all times.									
GRAND TOTAL EXCL VAT								R	



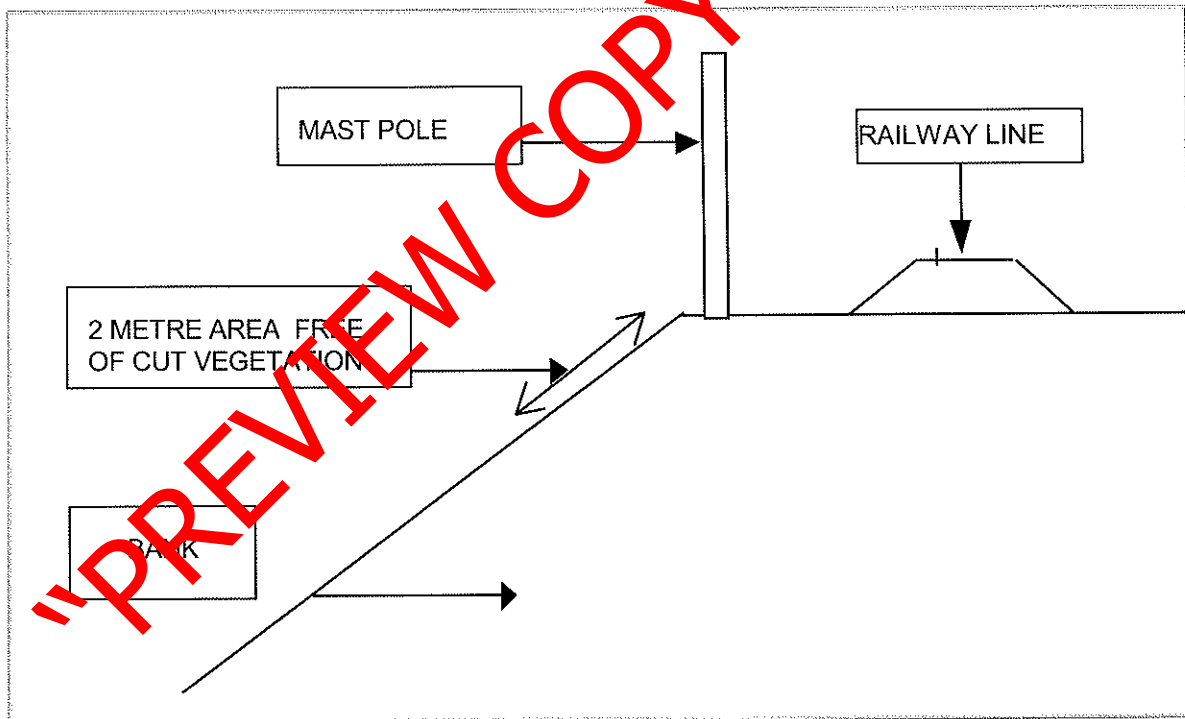
SPECIAL CONDITIONS OF CONTRACT AND SPECIFICATIONS

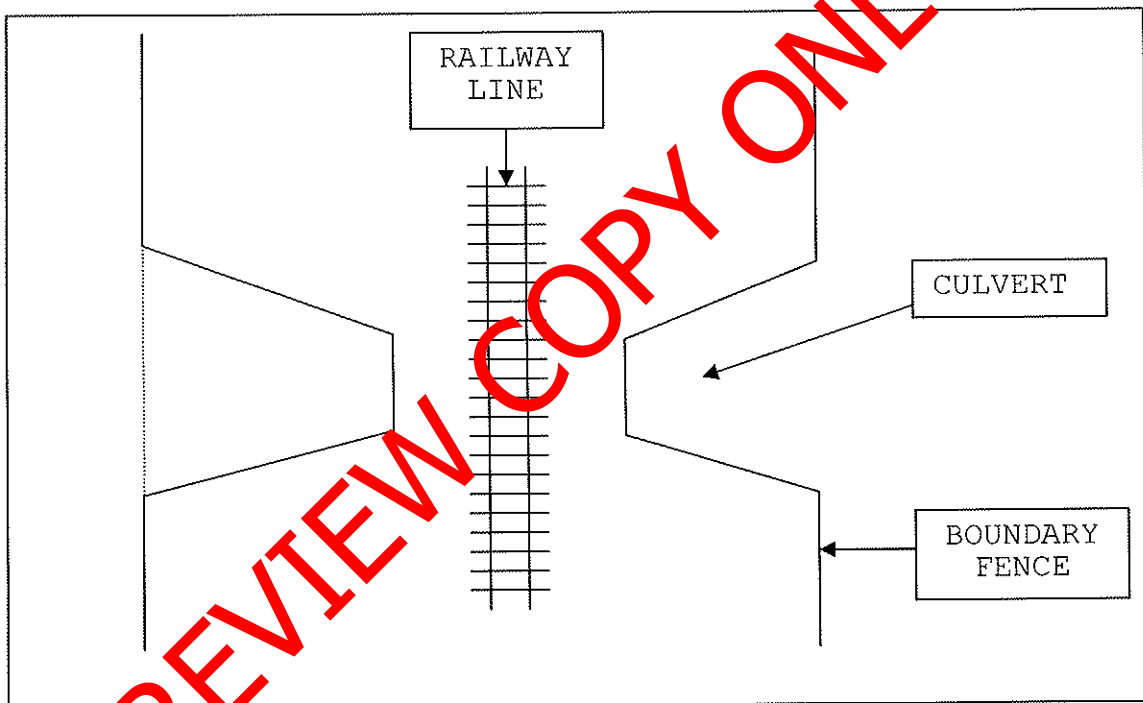
PART D: SCHEDULE OF DIAGRAMMS

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D1. DIAGRAM OF BANK	D2
D2. DIAGRAM OF CULVERT	D3
D3. DIAGRAM OF LEVEL CROSSING	D4

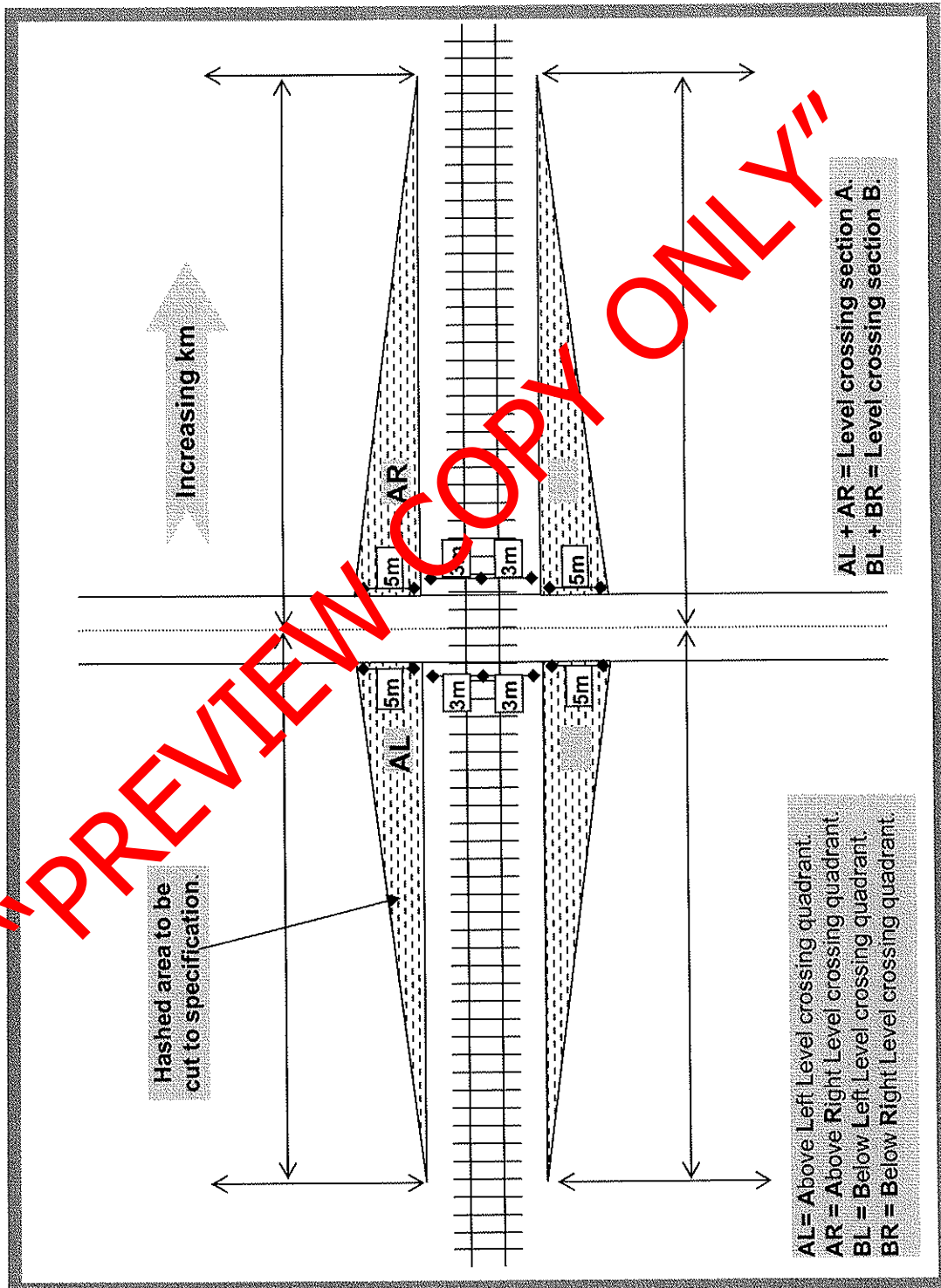
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PART D : SCHEDULE OF DIAGRAMMS**D1: DIAGRAM OF BANK**

PART D : SCHEDULE OF DIAGRAMS**D2: DIAGRAM OF CULVERT**

PART D : SCHEDULE OF DIAGRAMMS

D3: DIAGRAM OF LEVEL CROSSING



TENDOR DOCUMENT CHECKLIST FOR DOCUMENTS TO BE SUBMITTED

Document Description – SCS Documents	Yes/No
Original and Valid Tax Clearance Certificate [Consortia / Joint Ventures / Sub-contractors must submit a separate Tax Clearance Certificate for each party]	
Valid B.E.E Certificate	
Letter of Good Standing with the Compensation Commissioner	
Safety Plan in accordance with Construction Regulations, 2003(refer to the F4E * August Transnet 2006)	
<ul style="list-style-type: none"> • Original cancelled cheque or bank verification of banking details • Certified copies of IDs of shareholder/directors/members [as applicable] • Certified copy of Certificate of Incorporation [CM29/CM9 name change] • Entity's letterhead • Certified copy of VAT Registration Certificate [RSA entities only] • Certified copy of valid Company Registration Certificate [if applicable] 	
Geographical Footprint – proof of operational business site/address	
PCO Certificate – in Weed Control	
Document Description – Specification Documents	
Environmental Plan – emergency spillages etc	
List of registered herbicides to be used in the work, supported by full specimen labels:	
<ul style="list-style-type: none"> • Application rates of herbicides to be applied • Product mixtures • Detail and function of personnel to carry out operation • Work rates of the unit/ per day • List of support resources to carry out 	
Proposed Organisation and Staffing structure including quantity of personal to be trained in aspects of safety	
Previous experience	
Compliance to specification	
CVs of Management & Key Persons	
Method Statement	
Briefing Certificate – Annexure 1	
GPS Device specifications	
Methodology and Production rate of works	
Working plan/programme	
Vehicle requirements	
Herbicide product names, plant names and methods of treatment	
Herbicide Labels	
Hazchem data sheets for each herbicide	
First Aiders Certificate	
Brush cutter Operators Certificate	
Company Profile	
Existing Transnet Vendor Number >	

EVALUATION CRITEREA

60% threshold

1.

Knowledge of applicable herbicides to be used on target plants = 20%

Herbicide Active ingredient	Application methods
Glyphosate	
Triclopyr	
Picloram	
Imazapyr	
OTHER	

2.

Identification of alien and indigenous plants in contract area = 20%

[illegible]

3.

Basic methods for vegetation control as for number 1 and 2 above to meet specifications = 20%

Explain the method/s

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4.

Ability to deliver ongoing vegetation control = 20%

Staff numbers

QTY	GRADES AND RESPONSIBILITIES

Vehicle, machinery, implements and tools availability

Type	Description

5.

Environmental emergency herbicide spillage plan = 20%

15-20% meet specific control methods

10-15% meet half the control but very little management

5-10% no plan exists for an effective emergency situation

Explain your emergency plan of action

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