



RFQ / TENDER

Tender No: BB428

Vendor No: 11001386

BOARD LIST
BOARD LIST
TRANSNET FREIGHT RAIL
PROCUREMENT DEPARTMENT
2000

Purchaser : Barbara Bengu
Telephone : 035 906 7669
Fax Number: ~~035 906 7669~~

(011) 774 9129 / (011) 774 9186
Please quote reference:
F02/6000604149

Deliver to:
Ms.
S Khoza
0834441835
Empangeni
3880 See below

Closing Date : 26.06.2014
Validity Date : 26.07.2014
RFQ No : 6000604149

1. RETURN OF QUOTATION/S:

1.1 QUOTATION/S MUST BE SUBMITTED PUNCTUALLY AT 10:00 ON THE CLOSING DATE AND LATE QUOTATIONS WILL NOT BE CONSIDERED.

1.2 IF DELIVERED BY HAND:

THE CHAIRMAN
TRANSNET FREIGHT RAIL ACQUISITION COUNCIL
GROUND FLOOR INYANDA HOUSE
21 WELLINGTON ROAD
PARKTOWN
JOHANNESBURG
2000

FIRE BREAKS FROM VRYHIED TO ULUNDI. REFER TO PAGE 5 FOR FULL DESCRIPTION

THE RFQ DOCUMENTS ARE OBTAINABLE FROM THE OFFICE OF TRANSNET FREIGHT RAIL, TENDER ADVISE CENTRE, GROUND FLOOR, INYANDA HOUSE 1, WELLINGTON ROAD, PARKTOWN OR TRANSNET FREIGHT RAIL, MALAHLE HOUSE, ROOM 201-F, 4 KIEWIET STREET, EMPANGENI, 3880, DURING OFFICE HOURS 08:00 TO 15: AND RFQ DOCUMENT IS FOR FREE. TO OBTAIN A COPY OF THE RFQ CONTACT ANTHONIE ERASMUS ON 011 584 9231 OR MORRIS MHLONGO ON 011 584 9230 OR BARBARA BHENGU 035 906 7669

1.3 ATTACH BBBEE CERTIFICATE AND TAX CLEARANCE CERTIFICATE WITH ALL YOUR RFQs

1.4 IF FAXED:

011 774 9129
011 774 9186

CONTACT NO'S: THULI MATHEBULA - 011 544 9497

LOLO SOKHELA - 011 544 9494

PRUDENCE NKABINDE - 011 544 9486

DATE: SIGNATURE OF TENDERER(S):
CONTACT PERSON: TEL No:

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2. CONDITIONS:

- 2.2 ANY PURCHASE ORDER PLACED AS A RESULT OF YOUR QUOTATION WILL BE SUBJECT TO THE STANDARD TERMS AND CONDITIONS OF CONTRACT, FORM US7, (LATEST) AND THE GENERAL TENDER CONDITIONS, FORM CSS5 (LATEST) AND CONDITIONS MENTIONED HEREIN.
- 2.3 TENDERERS MAY OFFER AN EARLIER VALIDITY DATE, BUT THEIR QUOTATION MAY, IN THAT EVENT, BE DISREGARDED FOR THIS REASON.
- 2.4 TENDERERS ARE REQUIRED TO OFFER ONLY FIRM PRICES. PRICES SUBJECT TO REVIEW IN TERMS OF CLAUSE 32 OF FORM US7 WILL ONLY BE CONSIDERED SHOULD THE DELIVERY PERIOD REQUIRED EXCEED 6 MONTHS.
- 2.5 BEST DELIVERY TIME MUST BE OFFERED.
- 2.6 DISCOUNT (TRADE DISCOUNT)/CASH DISCOUNT (CONDITONAL DISCOUNT)/VALUE ADDED TAX (VAT) MUST BE SHOWN SEPARATELY.
- 2.7 TRANSNET RESERVES THE RIGHT TO NEGOTIATE PRICES AND COMMERCIAL ASPECTS AFTER THE CLOSING DATE

"PREVIEW COPY ONLY"

DATE:

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2.8 DIRECT DELIVERY INTIMATES DELIVERY BEING EFFECTED INTO THE WAREHOUSE OR THE ACTUAL POINT OF SUPPLY AND SHOULD THEREFORE INCLUDE ANY TRANSPORTATION MODE DEEMED NECESSARY IN EXECUTING THIS METHOD OF DELIVERY BASIS IN ORDER TO MEET THE REQUIRED DELIVERY DATE.

SCHEDULE OF REQUIREMENTS

TENDERERS SHOULD INSERT THEIR PRICE/S UNDER THE APPROPRIATE HEADINGS HEREUNDER.

IN THIS REGARD THE TENDERER'S ATTENTION IS DIRECTED TO PARAGRAPH 2 OF THE TENDER PROCEDURES OF FORM CSS NO.5.

NB. TENDERERS OFFERING GOODS FROM IMPORTED SUPPLIES MUST SUBMIT THEIR PRICES ON THE DELIVERY BASIS APPEARING UNDER COLUMN (C) OF THIS SCHEDULE OF REQUIREMENTS.

CONTACT PERSON: _____

TELEPHONE NO: _____

FACSIMILE : _____

EMAIL _____

TAX CLEARANCE CERTIFICATES:

The Regulations in terms of the Public Finance Management Act, 1999: Framework for Supply Chain Management as published in Government Gazette No. 25767 dated 5 December 2000, Clause 9 (1) (d), stipulates that the accounting officer or accounting authority of an institution to which these regulations apply must reject any bid from a supplier who fails to provide written proof from the South African Revenue that the supplier either has no outstanding tax obligations or has made arrangements to meet outstanding tax obligations.

Tenderers will be disqualified if a valid tax clearance certificate or written proof from the South African Revenue Service that supplier has made arrangements to meet outstanding tax obligations is not submitted with the tender.

BROAD BASED BLACK ECONOMIC EMPOWERMENT (BBBEE)

Transnet fully endorses and supports the Government's Broad-based Black Economic Empowerment Programme and it is strongly of the opinion that all South African Business Enterprises have an equal obligation to redress the imbalances of the past.

Transnet will therefore prefer to do business with local business enterprises who share these same values. Transnet will endeavour to do business with local business enterprises that possess a BBBEE "recognition level" of at least a level 5. Transnet urges Tenderers (large enterprises and QSE's - see below) to have themselves accredited by any one of the various Accreditation Agencies available, who do their BBBEE ratings in accordance with the latest Codes (i.e. those promulgated on 9 February 2007) and whose names appear on the present ABVA (Association of BEE Verification Agencies) - "List of Full Members" as displayed on the ABVA website (www.abva.co.za).

Although no agencies have, as yet, been accredited by SANAS (SA National Accreditation System), Transnet will, in the interim, accept rating certificates of tenderers who have been verified by any of the listed agencies.

Enterprises will be rated by such agency based on the following:

1. Large Enterprises (i.e. annual turnover >R35million:
" Rating level based on all seven elements of the BBBEE scorecard.
2. Qualifying Small Enterprises - (QSE) (i.e. annual turnover >R5million but <R35million:
" Rating based on any four elements of the BBBEE scorecard.

NB:

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3. Emerging Micro Enterprises - (EME) (i.e. annual turnover <R5m) are exempted from being rated/verified:
- " Automatic rating of Level 4 BBBEE irrespective of race of ownership, i.e. 100% BBBEE recognition
 - " Black ownership >50% or Black Women ownership >30% automatically qualifies as Level 3 BBBEE, i.e. 110% BBBEE recognition
 - " EME's should provide certified documentary proof of annual turnover (i.e. audited financials) plus proof of Black ownership if Black ownership >50% or Black Women ownership >30% from the EME's Auditor/Accounting Officer.
4. In addition to the above, Tenderers who wish to enter into a Joint Venture or subcontract portion of the contract to BBBEE companies, must state in their tenders the percentage of the total contract value that will be allocated to such BBBEE companies, should they be successful in being awarded any business. A rating certificate in respect of such BBBEE JV-partners and / or sub-contractor/s, as well as a breakdown of the distribution of the aforementioned percentage must also be furnished

In view of the high emphasis which Transnet places on Broad-based Black Economic Empowerment, Transnet will allow certain preference points for BBBEE in the evaluation of all responses. Depending upon the value of the ensuing business award (i.e. below or in excess of R2m), the 80/20 or 90/10 point preference systems will be utilized where BBBEE will count out of 20 or 10 respectively in the evaluation process.

EACH RESPONDENT IS REQUIRED TO FURNISH PROOF OF THE ABOVE TO TRANSNET. FAILURE TO DO SO WILL RESULT IN A SCORE OF ZERO BEING ALLOCATED FOR BBBEE.

Turnover: Kindly indicate your company's annual turnover for the past year R_____

- " If annual turnover <R1m, please attach certified confirmation from your Auditor/Accounting Officer
- " If annual turnover >R1m please attach original or certified copy of accreditation certificate and detailed scorecard by an ABVA accreditation agency (registered as a "Full Member")

PAYMENT TERMS

The following payment terms will apply as from 1 October 2008.

- " All suppliers will be paid 30 days from receipt of month end statement, i.e. payment term F055.
- " All CIDB suppliers will be paid 21 days from date of invoice, i.e. payment term F057.

Urge our clients & suppliers to report fraud/corruption at
Transnet to TIP-OFFS ANONYMOUS: 0800 003 056".

"Transnet insists on honesty and integrity beyond reproach at all times and will not tolerate any form of improper influencing, bribery, corruption, fraud, or any other unethical conduct on the part of bidders/ Transnet employees. If, in the opinion of Transnet's Chief Operating Officer, a Tenderer / Contractor / Supplier has or has caused to be promised, offered or given to any Transnet Employee, any bribe, commission, gift, loan, advantage or other consideration, Transnet shall be entitled to revoke the tender / contract by following its internal policies that govern the Exclusion process. In such an event Transnet will be entitled to place any Tenderer / Contractor / Supplier who has contravened the provisions of Transnet's business ethics on its List of Excluded Tenderers. This List will also be distributed to all other State Owned Enterprises and Government Departments.

Transnet invites its valued suppliers to report any allegations of fraud Corruption or other unethical activities to Transnet Tip-offs Anonymous, at any of the following addresses / contact numbers:-

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- * Toll-free anonymous hotline- 0800 003 056
- * Email - Transnet@tip-offs.com
- * Fax number - 0800 007 788
- * Freepost DN 298, Umhlanga Rocks, 4320

TOTAL TENDER VALUE: _____

Prices in South African currency
including the cost of packing and packing
materials for delivery as follows:

A: DIRECT B: DIRECT C: EX OVERSEAS
by rail to destination means to
point destination
(Railage a/c point
.....)

Item	Qty	Material	Description
------	-----	----------	-------------

00010	1	Fire breaks from VHD to ULD	
-------	---	-----------------------------	--

R.....	R.....	R.....
Activity	Activity	Activity

Delivery Date: 01.07.2014

FULL DETAILS OF DESCRIPTION

Fire breaks from Vynheid to Mendi station.

NB: PLEASE FIND THE ATTACHED SPECIFICATION, RISK ASSESSMENT THAT NEEDS TO BE COMPLETED AND CLAUSE BY
CLAUSE ALSO NEED TO BE
COMPLETED.

COMPULSORY SITE MEETING WILL BE ON THE 23TH JUNE 2014

TIME: 9H00AM

VENUE: TFR, MALAHLE HOUSE, BOARDROOM 253

4KIEWIET STREET, EMPANGENI, 3880.

EVALUATION CRITERIA ARE AS FOLLOWS

PHASE I: ALL THE BELOW MENTIONED MANDATORY DOCUMENTS MUST BE SUBMITTED TOGETHER WITH THE QUOTATION,
FAILURE TO DO SO WILL

LEAD IN RESPONDENT BEING DISQUALIFIED

1. PROOF OF REGISTERED BUSINESS WITHIN THE FIELD OF FIRE
MANAGEMENT
2. CREW LEADER QUALIFICATIONS BASIC FIREFIGHTING LEVEL 3
3. THE REST OF THE TEAM MUST BE QUALIFIED IN BASIC FIREFIGHTING

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Prices in South African currency
including the cost of packing and packing
materials for delivery as follows:

A:	B:	C:
DIRECT	DIRECT	EX OVERSEAS
by rail to	by other	WORKS
destination	means to	
point	destination	
(Railage a/c	point	
.....)		

Item	Qty	Material	Description
------	-----	----------	-------------

(WRITTEN PROOF TO BE ATTACHED)

4. MUST BE WILLING TO BE A MEMBER OF FPA FOR THE AREA (WRITTEN
PROOF TO BE ATTACHED)

PHASE 2: TECHNICAL THRESHOLD OF A MINIMUM 60 POINTS TO BE OBTAINED BEFORE A RESPONDENT MAY PROGRESS TO
THE NEXT EVALUATION STAGE (PHASE 3)

1. CLAUSE BY CLAUSE COMPLIANCE
2. RISK ASSESSMENT
3. TECHNICAL CAPACITY/ RESOURCES
4. PROGRAM SCHEDULE (MUST BE ATTACHED)

PHASE 3: ALL RESPONDENTS WHO OBTAINED 60 POINTS MORE FOR QUALITY IN PHASE 2 MAY BE EVALUATED IN PHASE 3

1. PRICE
2. BBBEE

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3. ADDITIONAL INFORMATION REQUIRED: (WHERE APPLICABLE)

3.1 THE FOLLOWING ADDITIONAL INFORMATION IS REQUIRED:

- (A) DISCOUNT:
- (B) SETTLEMENT DISCOUNT:
- (C) PRICE/S FIRM:
- (D) PRICE/S FIRM UNTIL THEREAFTER SUBJECT TO REVIEW.
- (E) PRICE/S NOT FIRM:
- (F) SABS MARK:
- (G) SABS PERMIT NO:
- (H) BRAND/MAKE/TYPER:
- (I) FULL NAME AND ADDRESS OF MANUFACTURER:

(J) FULL NAME AND ADDRESS OF INSPECTION POINT:

(K) COUNTRY OF ORIGIN:

(L) YEAR 2000 CONTRACT COMPLIANT :

Vendors/Proposers shall indicate their year 2000 compliance with :

- A. Technology Products,
- B. Equipment, Products, Components or Parts
- C. "Products" and Services

Non-Compliance with either (A) or (B) shall result in your bid/proposal being deemed non-responsive. Non-compliance with (C) may cause your bid/proposal to be deemed non-responsive. If you indicate that none of the following apply, please provide a written justification for your determination. Transnet will review this justification and will make a final determination.

"Year 2000 Compliant" means that (A) the Information Technology (B) Equipment/Products/Components/Parts (Collectively "Products") supplied (C) "Products" and Services contracted, will accurately process date and time data from into and between the 20th and 21st centuries. The year 1999 and 2000 and for all leap years. "Process date and time data" includes, but is not limited to, data calculation, logistical functions, program branching, format conversion, edits and validations, and the use of dates in comparisons, sorting, sequencing, merging, retrieving, searching and indexing. Furthermore, year 2000 compliant, when (A) used in combination with other information technology, (B) used in combination with other products, (C) used in combination with their (Vendor) other date required interfaces, shall accurately process date and time data (A) if the other technology, (B) if the other "Products", (C) either passed to or received from their other customers/suppliers, properly exchange date and time data with it/them.

Comply : _____ Does not Comply : _____ Not applicable : _____

Justification :

(M) SURPLUS MATERIAL:

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TENDERERS MUST INDICATE IF THEY WILL BE PREPARED TO PURCHASE BACK FROM TRANSNET ANY SURPLUS MATERIAL WHICH MAY BECOME AVAILABLE FROM ANY RESULTING PURCHASE ORDER/CONTRACT ORIGINATED FROM THE QUOTATION SUBMITTED:

(N) PAYMENT OVERSEAS:

ONLY IF TRANSNET LIMITED IS REQUESTED BY THE TENDERER TO EFFECT PAYMENT OVERSEAS DIRECT TO THE TENDERER'S PRINCIPAL/SUPPLIER THE FOLLOWING INFORMATION IS REQUIRED:

* EXCHANGE RATE ON WHICH THE QUOTATION PRICE IS BASED: R1,00 (S.A. CURRENCY) BEING EQUAL TO
..... (FOREIGN CURRENCY)

* PERCENTAGE IN RELATION TO THE QUOTATION PRICE TO BE REMITTED OVERSEAS:
.....

* NAME OF COUNTRY TO WHICH PAYMENT IS TO BE MADE:
.....

* APPLICABLE DATE OF EXCHANGE RATE:
.....

* BENEFICIARY'S NAME AND FULL ADDRESS:
.....
.....

* BENEFICIARY'S BANKERS AND FULL ADDRESS:
.....
.....

* APPLICABLE ACCOUNT NUMBER:
.....

(O) DELIVERY DATE:

TENDERERS MUST FURNISH THEIR ACTUAL DELIVERY AND MANUFACTURING PERIOD HEREUNDER NOTWITHSTANDING THE DELIVERY DATES SPECIFIED BY TRANSNET.

THE FOLLOWING MUST ALSO BE FURNISHED IN REGARD TO THE ABOVE:

1. PERIOD REQUIRED TO OBTAIN RAW MATERIAL.(DAYS)

2. MANUFACTURING PERIOD.(DAYS)

3. PERIOD TO TRANSPORT MATERIAL TO DESTINATION.(DAYS)

MATERIAL NO.	1.(PERIOD)	2.(PERIOD)	3.(PERIOD)
.....
.....
.....
.....
.....
.....
.....

DATE:

SIGNATURE OF TENDERER(S):



**SPECIAL CONDITIONS OF CONTRACT AND SPECIFICATIONS
FOR THE MAKING OF FIRE BREAKS ON TRANSNET
PROPERTY CONTROLLED BY THE DEPOT ENGINEER RICHARDS BAY**

CONTENTS

PART A	GENERAL
PART B	PROVISION OF FIRE BREAKS
PART C	SCHEDULE OF QUANTITIES AND PRICES

SPECIAL CONDITIONS OF CONTRACT AND SPECIFICATIONS**PART A: GENERAL****CONTENTS**

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- A2. SUFFICIENCY OF TENDER
- A3. DURATION OF CONTRACT
- A4. COMPLIANCE WITH STATUTES
- A5. GENERAL
- A6. GUARANTEES
- A7. TO BE PROVIDED BY TRANSNET FREIGHT RAIL
- A8. CARE TO EQUIPMENT PROVIDED BY TRANSNET FREIGHT RAIL
- A9. TO BE PROVIDED BY CONTRACTOR
- A10. SCHEDULE OF QUANTITIES AND PRICES
- A11. CONTRACT PRICE ADJUSTMENT FORMULA
- A12. EVALUATION OF TENDERS
- A13. SITE MEETINGS
- A14. SITE BOOKS
- A15. INFORMATION TO BE PROVIDED WITH TENDER
- A16. PENALTIES FOR LATE COMPLETION

SPECIAL CONDITIONS OF CONTRACT AND SPECIFICATIONS**A1. SCOPE OF WORK**

This contract covers the provision of firebreaks in the rail reserve on Transnet Freight Rail property in the geographical area controlled by the Depot Engineer, Richards Bay to the extent that area(s) treated in terms of this contract are rendered, free of vegetation capable of spreading fire from Transnet Freight Rail property 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 obtain his/her own information regarding species occurrence and extent of vegetation in the area and topography where firebreaks are to be provided 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 field of provision of fire breaks in accordance to national RSA legislation (amongst others The National Veld and Forest Fire Act, Act no 101 of 1998) and rules of the applicable Fire Protection Associations (FPA's).

A2.2 A Site Inspection Certificate (E4A) signed by the Technical Officer 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 and topography of the area / areas where firebreaks are to be provided and all aspects that will and/or may affect such provision and costs thereon.

A3. DURATION OF CONTRACT

The work provided for the preparation and burning of firebreaks commencing on the date of notification of acceptance of tender with Transnet Freight Rail and completed before 31 July of 2013.

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 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)

- A4.2 The Contractor'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.

A5. GENERAL

Tenderers are required to tender for all the areas quoted in the Schedule of Quantities and Prices, if possible. Transnet Freight Rail may conclude one or more contracts as a result of this tender.

A6. GUARANTEES

- A6.1 The security required for this contract shall be equal to five / ten percent (5 % /10%) of the total contract value and shall be provided before any work is carried out.

- A6.2 Retention money will not be deducted from payments.

A7. TO BE PROVIDED BY TRANSNET FREIGHT RAIL

The following material, equipment and services will be provided free of charge by Transnet Freight Rail where required:

- A7.1. Water as required from Transnet Freight Rail'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 from the water points provided and to ensure that the water is suitable for its intended use.
- A7.2 Inspections of the area of work by motor trolley may be arranged with the Technical Officer, but will have to coincide with normal track inspections carried out by the inspection /technical staff of the Depot. The Technical Officer shall be given timeous notice (4 calendar weeks) of the Contractor's intention to inspect.

A8. CARE OF EQUIPMENT PROVIDED BY TRANSNET FREIGHT RAIL

In the event of any equipment being provided by Transnet Freight Rail such equipment shall be used in the most careful and economical way and the Contractor shall take all necessary care to prevent loss or damage.

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 and toilet facilities for his/her employees.

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 The Contractor shall appoint at each work site a person whose sole task shall be to be on the lookout for approaching rail traffic. This employee shall operate an audible warning device to timeously warn all people on the work site of approaching rail traffic. The personnel of the contractor 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 contractor's company. Should the contractor wish to use another colour this must first be cleared with the Technical Officer or his/her deputy.

An effective safety procedure to be followed by all personnel on any work site in the case of approaching rail traffic shall be compiled by the Contractor 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.

The Contractor shall make available employees to be trained, certificated and used as lookouts / sentries when required. The training shall be done at no charge to the Contractor.

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 for the Works.

A10.2 Each item shall be priced by the Tenderer. If the Contractor has elected to price any items in the schedule, 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.

The absence of stated quantities in the schedule 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.

A10.3 The short descriptions of the items in the schedule are for identification purposes only. The Transnet General Tender Conditions together with 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 CONTRACT PRICE ADJUSTMENT FORMULA

A11.1 This contract will not be subjected to Price Adjustment and / or Escalation.

A12. EVALUATION OF TENDERS

A12.1 "Time value of money" methodology and principles will be used in evaluation of tenders.

A12.2 Tenderers may submit alternatives to the methods of firebreaks provision described herein. Such alternatives as well as the materials, methods which the Contractor propose the use, programmes and Transnet Freight Rail resources for the contract, will be considered during evaluation of tenders.

A12.3 The Tenderer shall submit as part of his/her tender, all relevant details of his/her production rate, water usage and 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 Technical Officer or his/her deputy. When sub-contractors are required to attend, the Contractor shall ensure their attendance.

A14. SITE BOOKS

- A14.1 A Site Instruction Book with triplicate pages shall be provided by the contractor, such a book shall have numbered sheets for receiving and recording instructions by the Technical Officer and shall be clearly marked "Site Instruction Book".
- A14.2 The site diary shall be clearly marked "Day Book". At the end of each day a line shall be drawn below the last entry of the day and both the Contractor and Technical Officer or his/her deputy shall sign across the line. If no entry was made, a "NIL" return must be entered and signed. Any claim arising from delays, which cannot be substantiated by reference to the site diary will not be considered.
- A14.3 This site diary shall serve as a daily record of all relevant information concerning herbicide application as required in terms of section 16 of Act 36 1947, and as a daily record of prevailing weather conditions on site i.e. wind speed and humidity, Fire Danger Index as obtained from the FPA (10h00 and 14h00 readings), daily burning permit number and any other information pertinent to the making of fire breaks. Copies of daily burning permit shall be pasted into the site book.
- A14.4 Only persons authorised in writing by the Technical Officer or Contractor may make entries in the site books.
- A14.5 Receipt of materials supplied by Transnet Freight Rail shall be recorded in the "Site Book".
- A14.6 On completion of the contract the Site Book / Site Books shall be returned to the Technical Officer managing the contract on behalf of Transnet Freight Rail.

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 method of work to be used,
 - detailed daily work notes of the team / teams and equipment to be used to execute the work
 - precautions to be implemented to prevent fires spreading to adjoining property,
 - fire fighters that will be on site at any given time,
 - **fire fighting equipment available to him/her for all aspects of the work required to ensure performance as specified. Each team will have the following minimum equipment available and in working condition during the making of fire breaks, this is exclusive of plant, vehicle and water tankers / bakkie sakkies which the tenderer deem necessary:**
 - 1 x Fire Beater per team member
 - 1 x Knapsack sprayers (15lt capacity) per 2 team members
 - 1 x Rake Hoe per team member
 - 1 x Held weather reading device which can accurately measure wind speed, relative humidity, temperature and Barometric pressure per team.
 - Brushcutters, chain saws
 - First Aid kit
 - Cell phone
 - 2 x portable radios
- 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 Freight Rail.
- A15.3 Proof of inspection of all sites on the enclosed Site Inspection Certificate.
- A15.4 The Schedule of Quantities and Prices must be completed in full.
- A15.5 An undertaking that all equipment will be ready for operation and that the work can commence

timeously, to comply with requirements of the contract.

A15.6 Copies of the certificates issued by the Department of Agriculture to certify that the tenderer or his/her representatives are pest control operators in terms of Act 36 of 1947, as stipulated under clause A4.2, must be submitted if the contractor intends applying herbicides.

A15.7 The Contractor shall not depart from the minimum procedures or material usage tendered, without approval from the Technical Officer.

A16. PENALTIES FOR LATE COMPLETION

The provisions pertaining to "penalties for late completion" shall not apply to this contract.

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**PROJECT SPECIFICATION FOR
FIREBREAKS
PART B
CONTENTS**

- B1. SCOPE**
- B2. DEFINITIONS**
- B3. METHOD PROVIDING FIRE BREAKS**
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- B5. PROGRAMME OF WORK**
- B6. PERFORMANCE MONITORING AND EVALUATION**
- B7. REMEDIAL WORK**
- B8. DAMAGE TO FAUNA AND FLORA**
- B9. MEASUREMENT AND PAYMENT**

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B1. SCOPE

- B1.1 The scope of the work consists of the provision of firebreaks on Transnet Freight Rail property along the rail right of way between the boundary fences in the following sections, as per attached schedule of quantities:
- B1.2 This part covers the techniques, required standards of workmanship, inspections, measurement, payment, and acceptability of the works in respect of the provision of firebreaks required in terms of the contract.
- B1.3 The essence of the contract is that Transnet Freight Rail requires the provision of firebreaks on Transnet Freight Rail property

The ways and means by which the above-mentioned results are obtained are the responsibility of the Contractor. Transnet Freight Rail, however, shall have the right to monitor the materials and activities of the Contractor to ascertain that all procedures and applications are in accordance with his/her tender, the relevant legislation and are conducive to the achievement of functional firebreaks. Such right of monitoring shall be entirely without prejudice to Transnet Freight Rail and shall in no way relieve the Contractor of his/her responsibility for satisfactory performance.

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.

- 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 provide these fire breaks.

B2. DEFINITIONS**B2.1 FIRE BREAKS**

Fire breaks are defined as a strip (natural or manmade) of property within Transnet Freight Rail boundary along both fences where the fuel characteristics of the vegetation has been managed so that the potential of fires spreading to adjoining property from Transnet property or visa versa is reduced. Fire breaks may not cause soil erosion; and it is reasonably free of combustible material capable of carrying a veldfire across it.

TRACER LINES

Tracer lines are narrow strips ($\pm 1\text{m}$ wide) of vegetation that has been chemically treated and then burnt to indicate the outer boundaries of the firebreaks. Tracer lines are prepared when the adjoining vegetation is still actively growing

- B2.2 Yards are those areas of shunting yards comprising mainly shunting or staging tracks, paths, roadways, platforms and land adjacent to the above and situated within the station or harbour emplacement. Yards and loops start at the clearance mark of the facing points.
- 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 WORKLOTS

A Worklot is a subdivision of any area on which the Contractor shall provide fire breaks.

- In all cases the size of a worklot will be 2500m^2 .

- Worklots 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. 2500 square meters.
- In yards, depots/areas worklots may be irregular in shape. For inspection and payment purposes, worklots shall be physically measured where necessary. In such instances the Technical Supervisor's or his / her Deputy shall decide in advance and advise the Contractor accordingly, of the method of measurement to be adopted in any particular area.
- Worklots will normally be measured parallel to the main direction of the fence or 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.

B3. METHOD OF PROVIDING FIRE BREAKS

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

B3.2 Slashing of burnt material to below the height specified in B4.1 will be permitted.

B3.3 Firebreak provision in terms of the contract will normally be required in respect of yards, depot, Transnet Freight Rail right of way and ancillary areas, where applicable. The methods employed are as specified by the Contractor per Part A15.1 and are subject to the approval of, and monitoring by the Technical Officer.

Fire break provision methods shall, however, be entirely in accordance with the local Fire Protection Association rules / Local Authority by laws and or National Legislation specifications and recommendations for safe and effective fire breaks.

B3.4 Prior to making firebreaks electrical / signal installations must be protected by making minor firebreaks around such installations and or equipment. The Technical Officer will point out such installations and or equipment.

B3.5 **The making of firebreaks will not take place:**

- if the wind speed exceeds 30 km/h
- and or if the daily Fire Danger Index (FDI), 10h00 reading and 14h00 reading exceeds the acceptable norm as proposed by the local Fire Protection Officer of the FPA where firebreaks are being provided
- or if a Prohibition Notices has been issued by the Government Department acting as custodian of the National Veld and Forest Fire Act, Provincial Disaster Management, District Municipality, local Municipality or any other competent authority.
- On both side of the track at the same time.

B3.6 No firebreaks may be made if the contractor is not possession of a written daily burning permit received from the local Fire Protection Officer of the relevant Fire Protection Association. The contractor will be responsible to obtain the daily burning permit.

B3.7 The contractor will be permitted to work outside normal working hours provided the Technical Officer has been notified at least three working days prior to such working. No firebreaks will be made after 12h00 on a Friday until 05h00 the following Monday or after 12h00 on the weekday preceding a Public Holiday until the 05h00 on the workday following such a public Holiday.

- B3.8 No firebreaks may be made if adjoining property owners have not been informed of the intention to provide firebreaks along a mutual fence. The Technical Officer will negotiate with adjoining property owners. If agreement cannot be reached regarding appropriate dates with the adjoining property owner or owners provisions as per Act 101 of 1998 National Veld and Forest Fire Act will prevail.

B4. STANDARDS OF WORKMANSHIP

- B4.1 Standard of firebreaks shall be such that:

- it is wide enough but not less than 10 meters, property dimensions permitting, measured inward from both boundary fences and long enough to have a reasonable chance of preventing a veldfire from spreading to or from adjoining property; and
- in station areas the width will not be less than 10 meter, property dimensions permitting, measured inward from both boundary fences
- it does not cause soil erosion; and
- it is reasonably free of combustible material capable of carrying a veldfires across it.
- There is no grass or combustible material dry material taller than 150mm present.
- No flare up of flames may take place. The contractor shall indicate in his / her tender document steps to be implemented by him / her to prevent flare ups and the modus operandi that will be followed to deal with any flare up that do occur.

B5. PROGRAMME OF WORK

- B5.1 The Contractor shall undertake the planning and programming of the entire firebreaks provision operation and shall submit to the Technical Officer 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 burning season as the case may be.
- B5.2 The particulars to be provided in respect of the Contractor's tracer lines, minor fire breaks around electrical and signal installations and firebreaks provision operation 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 where fire breaks are to be provided in the contract area,
- B5.2.2 The appropriate methods and procedures to be implemented by him/her to achieve the standards required in terms of the contract,
- B5.3 In addition to the initial programme provided for in terms of B5.1. the Contractor shall submit daily working programmes to the Technical Officer, 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 Technical Officer, 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 results achieved over areas of completed. He/she shall immediately take appropriate remedial action in areas where the specified standards are not achieved.

B6.2 The Technical Officer shall at any time during the programme periods carry out inspections of the Contractor's performance methods and procedures.

B6.3 The Technical Officer will during fire breaks programme carry out **two** 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 Contractor shall be present or forfeit his/her right to dispute the measurements and evaluation of the Technical Officer.

B6.3.1 The first inspection shall be done after completion of the tracer lines and minor firebreaks around equipment and installations and after he has notified the Technical Officer that he/she has inspected the work and that the work has been completed.

B6.3.2 The second and final inspection of the season will be carried out after completion of the Contractor's firebreaks programme and after he/she has notified the Technical Officer that he/she has inspected the work and that all firebreaks are in place. This inspection may be brought forward.

B6.3.3 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".

B6.4 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 Technical Officer of work performance may be contested by the Contractor 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 Contractor may execute further remedial work in order to achieve control at further and final inspections.

B6.5 In the case where the Technical Officer and the Contractor fail to agree on whether a worklot has failed, the worklot shall be recorded as a "disputed worklot" and the Contractor shall prepare an appropriate record of all disputed worklots in order that such disputes may be resolved by way of the dispute resolution procedures stipulated in the Standard Terms and Conditions of Contract Form US 1 – Services

B7. REMEDIAL WORK

B7.1 The Contractor shall carry out remedial work to all worklots where the standards of workmanship 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 150mm and forming a fire hazard to Transnet Freight Rail Operations or adjoining property.

B7.2 Slashing of burnt vegetation will be allowed on its own as a remedial action.

B7.3 The contractor shall carry out repair to any fence damage by him / her during the making of fire breaks.

B7.4 Fire may be used as a method of to provide fire breaks or as a method of remedial action.

B8. DAMAGE TO FAUNA AND FLORA AND TRANSNET ASSETS

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 work area.

B8.2 The Contractor 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 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 Freight Rail property or as part of Transnet Freight Rail 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 Damage to Transnet assets by the contractor, such as to boundary fences, shall be repaired by the contractor on a daily basis as and when damage took place.

B9. MEASUREMENT AND PAYMENT

- B9.1 Payment will be based on the numbers of worklots where fire breaks was provided as instructed by the Technical Officer and to which the Contractor has achieved the standard as defined in clause B4.1.

- B9.2 No payment will be made for rejected worklots where the standards achieved does not meet the standards specified.

- B9.3 Measurement and payment for the work completed will be made in **2** stages as follows:

- B9.3.1 After completion of the tractor lines and minor firebreaks of the entire contract area the Technical Officer or his deputy and the Contractor will measure the work performed. The Contractor will thereafter receive payment at 20% of the rates tendered for all of the completed work.

- B9.3.2 A second measurement and evaluation will be made concurrent with the first official inspection conducted in accordance with clause B6.3.1. The Contractor will thereafter receive payment at 80% of the rates tendered for all work where standards as specified has been achieved.

- B9.3.4 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, labour, materials 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.

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CLAUSE BY CLAUSE COMPLIANCE SCHEDULE.**CONTROL OF VEGETATION IN YARDS BY MEANS OF CHEMICAL HERBICIDES
APPLIED ON TRANSNET PROPERTY**

The compliance response is to contain ONLY the following statements, "Noted", "Comply", "Partial Compliance" or "Do not comply".

Noted is to be applied against statements and either of the other responses for other clauses. Where either "Partial Compliance" or "Do not comply" are applied, remarks as to the reason for the deviation from the requirement are required.

Clause Description			Compliance response	Explanation / Deviation / Reason
A1	DESCRIPTION OF THE WORKS	Scope of Works		
		Sufficiency of the tender		
		Guarantees		
		Duration of Contract		
A7 ,A9 & A15	GENERAL MAINTENANCE ASPECTS	To Be Provided by Contractor		
		Provided by the Employer		
		Information to be provided with tender		
A13 ,B6 & B5	MANAGEMENT OF THE WORKS	Site Meetings		
		Site Books		
		Programme of work		
		Performance Monitoring and Evaluations		
A4 & B8.	ENVIRONMENTAL REQUIREMENTS	Compliance with statutes		
		Damage to Fauna and Flora		
B2, B3 & B4	PARTICULAR SPECIFICATIONS	Definitions		
		Method of Firebreaks		
		Standard of Workmanship		
A5 & B9	PRICING INSTRUCTIONS	General		
		Measurement and Payment		

A8	PRICE ADJUSTMENT FOR INFLATION	Price adjustment for inflation		
A9	PERFORMANCE BOND	Performance Bond		
A10	REMEDIAL WORK	Remedial work		
A11	OVERALL CONTROL	Overall Control		

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FIRE BREAKS - Evaluation criteria

TECHNICAL REQUIREMENTS									
Respondents are to complete this Annexure, giving sufficient detail to permit an accurate assessment of your technical abilities.									
Please note that all the requirements as is in the specification (Part A) are compulsory									
Inability to provide these essential requirements will preclude your company's eligibility at Stage One of the evaluation process									
Technical Requirements									
Ref	Criteria	Requirements	Type of proof to be submitted	Applicable Clauses	Scoring Criteria	Max. Score	Yes	No	Details of proof and page number
1	Compliance to Technical Specifications	Full specimen labels of herbicides proposed provided per zone as stipulated in tender.	Copies of Full specimen labels of herbicides proposed attached to tender	B2.1	1 = Not Glyphosate as Active Ingredient 5 =Glyphosate is the active ingredient	5			
2	Risk Assessment	Assesment of risks specifict to Fire Breaks and related issues	Completed risk assessment		1 = Submitted but the action plan does not address the risk assessment 3 = Submitted but the action plan only partially addresses the risk assessment 5 = Submitted and the action plan fully addresses the risk assesment	5			
3	Technical Capacity / Resources	Rate of product and products supplied	Detail of rate mixtures specified in the method statement	B2.1	1 = Product rate does not comply to label specifications 5 = Product rate complies with label specifications	5			
		Sufficiency of the personel as stipulated in tender	- Specify how many personel are available and the detail and function of personnel in the teams to carry out operation. - capacity of each team and the work rates of each team per day.	A9.6; A9.4; A9.5	1 = Minimum of 11 personnel available 3 = Sufficient Number of personnel - 15 5 = Optimal of 16 or more up to 22 personnel available	5			
		Detail of experience of fire breaks controled, not limited to the railway environment.	Completed schedule of Tenderer's experience (returnable schedule)		1= No experience in the field of fire breaks 2 = Less than 1 years experience in fire breaks 3 = Limited experience, 1 - 4 years in the field of fire breaks 4 = 4 - 6 years experience in firebreaks, including fire breaks in TFR environment 5 = Extensive experience in the field of fire breaks (6 or more years) in the TFR environment	5			
		Sufficiency of vehicles and equipment available as stipulated in tender	-Specify qty and type of support vehicles, etc available for this tender.		1 = No equipment or vehicles available for this contract 2 = Equipment or vehicles on order and available at the time of award 3 = Sufficient for 1 team, but no back up water tanker available 4 = Sufficient for one team with backup water tanker available 5 = Sufficient for > 1 team with backup water tankers				
4	Programing Schedule	The duration and workrate is addressed for the initial spray of each season per zone as specified in the tender.	Detailed program in line diagram / Barchart format according to Bill of Quantities Included in the method statement: -Duration of initial treatment for season - Specify how many teams are available and the detail and function of personnel in the teams to carry out operation. - Specify qty of teams available for this tender -capacity of each team and the work rates of each team per day. -Statement of support vehicles available for this tender	B6;	1 = The duration and workrate is not addressed. 2 = The duration and workrate is addressed. Proven and realistic completion > 8 weeks co-inciding with the burning season for fire breaks 3 = The duration and workrate is addressed. Proven and realistic completion > 6 < 8 weeks co-inciding with the burning season for fire breaks 4 = The duration and workrate is addressed. Proven and realistic completion within 6 weeks co-inciding with the burning season for fire breaks 5 = The duration and workrate is addressed. Proven and realistic completion within 4 weeks	5			
		Preliminary work program for the specified zone/s is included for tracer belts and fire breaks	Detailed program in line diagram / Barchart format according to Bill of Quantities	B6;	1 = Preliminary work program is included but incomplete 3 = Is complete but unattainable but requires adjustment 5 = Preliminary work program is included and complete and attainable	5			
		Follow-up program/remedial work is addressed per zone is included	Preliminary follow-up program in line diagram / Barchart format according to Bill of Quantities	B6;	1 = Preliminary work program is included but incomplete 3 = Is complete but unattainable but requires adjustment 5 = Preliminary work program is included and complete and attainable	5			

Procurement Event No.		S. SB / CL SEV 13/	Vendor			Region	Eastern Region											
No	Risk per Risk Element Something Occurs	Impacts leading to...	Causes caused by...	Controls controlled by...	RCE	Contract Owner	Risk Owner	Cons. rating: 1-7	Like rating: A-E	Risk Rating	RCE for Each Control	Further actions / Tasks	Task Owner	Start Date	Due Date	Revised Date		
1	Damage to equipment due to fire	Train cancelations Damage to Signalling Equipment Damage to Electrical substations	The vegetation dries out and catches fire during winter months	Regular spraying and supervision	Improving	Zandile Masuku	Bongumusa Thusi	4	D	II			Zandile Masuku					
2	Unsafe transport of Personnel on site and to site	Injury to personnel, could result in death. Delays due to loss of productivity	Unroadworthy vehicles. Transport of chemicals and personnel together.	Chemicals to be transported separate from personnel	Improving	Zandile Masuku	Bongumusa Thusi	2	c	II			Zandile Masuku					
3	Not using correct ppe when using and mixing chemicals	Injury to personnel, could result in death. Delays due to loss of productivity	No ppe available to personnel	Issue of correct ppe for the work	Improving	Zandile Masuku	Bongumusa Thusi	3	d	II			Zandile Masuku					
4	Ingestion of Chemicals	Injury to personnel, could result in death. Delays due to loss of productivity	Personnel get sick due to inadvertently using containers for drinking water	Safety Talks and keep chemicals under lock	Improving	Zandile Masuku	Bongumusa Thusi	3	b	III			Zandile Masuku					
5	Unsafe discard of Chemical Containers	Claims against TFR for the inappropriate disposal of chemical containers	People along the railway line get sick due to containers being used for water storage, because of selling or incorrect disposal of containers	Chemical Containers to be transported back to manufacturer and to be disposed of at a registered disposal site. Disposal certificates	Improving	Zandile Masuku	Bongumusa Thusi	5	c	III			Zandile Masuku					
6	Vehicle accidents	Loss of production. Injury to staff and TFR personnel, can cause death	Un-roadworthy vehicles. Speeding Miss use of vehicles	All drivers to do safety inspections before trips. Make sure that vehicles are driven by licenced, sober drivers Obey all traffic laws	Improving	Zandile Masuku	Bongumusa Thusi	2	d	I			Zandile Masuku					
7	Working along lines where train movements are taking place	Injury to personnel, could result in death. Delays due to loss of productivity	Personnel not observant. Using of cellular phones while crossing lines Not compliant with TFR safety Specifications or Rail Operator specifications	Safety Talks Be alert and aware of train movements at all times	Improving	Zandile Masuku	Bongumusa Thusi	4	c	III			Zandile Masuku					
8	Moving across lines behind and in front of trains and wagons	Injury to personnel, could result in death. Delays due to loss of productivity	Personnel not observant. Using of cellular phones while crossing lines Not compliant with TFR safety Specifications or Rail Operator specifications	When moving behind or in front of trains and wagons, be sure of footing Do not stand and talk behind or in front of trains and wagons	Improving	Zandile Masuku	Bongumusa Thusi	4	c	III			Zandile Masuku					
9	Working on uneven surfaces	Injury to personnel, could result in death. Delays due to loss of productivity	Uneven and stony terrain Soil conditions vary throughout the site	Safety talks that personnel are observant at all times when moving around terrain	Improving	Zandile Masuku	Bongumusa Thusi	4	d	II			Zandile Masuku					
10	Uncovered drainage holes and manholes along service roads	Injury to personnel, could result in death. Delays due to loss of productivity Damage to Vehicles	Covers are stolen or broken	Safety talks that personnel are observant at all times when moving around terrain	Improving	Zandile Masuku	Bongumusa Thusi	4	b	III			Zandile Masuku					
11	Applying chemicals in unfavourable weather	Chemicals ineffective Loss of productivity Injury due to slippery surfaces	Working in strong winds or during Rain	Safety Talks. Read labels and only apply chemicals in favourable weather conditions	Improving	Zandile Masuku	Bongumusa Thusi	5	b	IV			Zandile Masuku					
12	Damage or Claims due to run away fires	Can lead to major claims, even delays to trains if the fire affects the line	Burning in unfavourable weather. Burning when the FDI is red	Check FDI before burning, take into account conditions on site before starting to burn	Improving	Zandile Masuku	Bongumusa Thusi	5	d	III			Zandile Masuku					
13	Equipment used must be standardized to be compatible with other Fire Fighting units	Delays and or damage and claims from time taken to try use equipment due to confusion as equipment is not standard	Hose and coupling fittings not standard with regards to the local FPA regulations prescribed	Know what the FPA requirements are, attend FPA meetings and adhere to specifications	Improving	Zandile Masuku	Bongumusa Thusi	7	c	IV			Zandile Masuku					

No	Risk per Risk Element Something Occurs	Impacts leading to...	Causes caused by...	Controls controlled by...	RCE	Contract Owner	Risk Owner	Conse- rating: 1-7	Likeli- rating: A-E	Risk Rating	RCE for Each Control	Further actions / Tasks	Task Owner	Start Date	Due Date	Revised Date
14	Drinking water must be available for staff	People get dehydrated, sick; e.g. bilharzia or cholera due to drinking river water	No drinking water available at work site	Safety talks and Green area discussions	Improving	Zandile Masuku	Bongumusa Thusi	7	b	V			Zandile Masuku			
15	Transporting of drip torch fuel separately	Sickness or burns due to spillage. Damage to vehicles, runaway fires or loss of life	Drip torch fuel can spill and if vehicle used close to fires, this can Ignite, causing explosion	Safety talks, adherence to risk procedures	Improving	Zandile Masuku	Bongumusa Thusi	5	d	III			Zandile Masuku			
16	Qualified Chain saw operators	Loss of life or injury due to incorrect use of the saw	Incorrect or inadequate maintenance Staff not properly trained	Only personnel who are qualified chainsaw operators to operate the chain saw	Improving	Zandile Masuku	Bongumusa Thusi	5	c	III			Zandile Masuku			
17	Covers on PTO to be in place	Clothing can get caught and injury to personnel	Broken or missing covers on PTO shafts	Inspections and daily checklists	Improving	Zandile Masuku	Bongumusa Thusi	6	b	IV			Zandile Masuku			
18	Vehicles transporting personnel to have sides	Personnel can fall off. Injury / death	People standing on open vehicles without sides Vehicles must be equipped to transport people safely	Checklists and transporting of personnel only on vehicles with sides	Improving	Zandile Masuku	Bongumusa Thusi	5	d	III			Zandile Masuku			
19	Burning fires adjacent to plantations	Claims due to fires spreading through the plantation	Not checking wind direction or flames jump spread due to non effective tracer belts	Tracer belts in place, effective wetting of area prior to putting in drip torches	Improving	Zandile Masuku	Bongumusa Thusi	4	e	II			Zandile Masuku			
20	Burning fires adjacent to sub-stations	Ionization and flashovers occurring, delays and cancellation of trains	Ionization of the lines coming from the Eskom lines into the substation, due to the height of the lines	Burning slowly through these areas and burning when the wind blows away from the sub stations	Improving	Zandile Masuku	Bongumusa Thusi	4	e	II			Zandile Masuku			
21	Surface road conditions not always favourable	Accidents and damage to vehicles, injury to personnel	Service road improperly maintained, wash always due to rains in summer. Incorrect speed on service roads	TFR to maintain service roads, Drivers to adjust speed to suite appropriate road conditions	Improving	Zandile Masuku	Bongumusa Thusi	6	e	III			Zandile Masuku			
22	No fire breaks or tracer belts made on adjacent land	Fire can spread easily to adjacent lands, claims due to run away veld fires	Adjacent land owner not making tracer belts or fire breaks	Careful burning in these areas, our tracer belts to be made wider in the areas where adjacent land owners do nothing	Improving	Zandile Masuku	Bongumusa Thusi	4	e	II			Zandile Masuku			
23	Burning beneath high voltage equipment and lines, (Eskom and TFR)	Ionization and flashovers occurring, delays and cancellation of trains	Ionization of the lines coming from the Eskom lines into the substation, due to the height of the lines	Grass can be cut short in extreme areas	Improving	Zandile Masuku	Bongumusa Thusi	4	e	II			Zandile Masuku			
24	Burning in close proximity to other works taking place on the line	Injury to personnel, train delays, vehicle accidents	Personnel next to the line get overcome by smoke, visibility is extremely poor and trains and vehicles cannot be seen	Skip these areas where possible, if it is a large area and return and burn at a more favourable time.	Improving	Zandile Masuku	Bongumusa Thusi	5	e	II			Zandile Masuku			

FIRE BREAKS - Evaluation criteria

TECHNICAL REQUIREMENTS									
Respondents are to complete this Annexure, giving sufficient detail to permit an accurate assessment of your technical abilities.									
Please note that all the requirements as is in the specification (Part A) are compulsory									
Inability to provide these essential requirements will preclude your company's eligibility at Stage One of the evaluation process									
Technical Requirements									
Ref	Criteria	Requirements	Type of proof to be submitted	Applicable Clauses	Scoring Criteria	Max. Score	Yes	No	Details of proof and page number
1	Compliance to Technical Specifications	Full specimen labels of herbicides proposed provided per zone as stipulated in tender.	Copies of Full specimen labels of herbicides proposed attached to tender	B2.1	1 = Not Glyphosate as Active Ingredient 5 =Glyphosate is the active ingredient	5			
2	Risk Assessment	Assesment of risks specifict to Fire Breaks and related issues	Completed risk assessment		1 = Submitted but the action plan does not address the risk assessment 3 = Submitted but the action plan only partially addresses the risk assessment 5 = Submitted and the action plan fully addresses the risk assesment	5			
3	Technical Capacity / Resources	Rate of product and products supplied	Detail of rate mixtures specified in the method statement	B2.1	1 = Product rate does not comply to label specifications 5 = Product rate complies with label specifications	5			
		Sufficiency of the personel as stipulated in tender	- Specify how many personel are available and the detail and function of personnel in the teams to carry out operation. - capacity of each team and the work rates of each team per day.	A9.6; A9.4; A9.5	1 = Minimum of 11 personnel available 3 = Sufficient Number of personnel - 15 5 = Optimal of 16 or more up to 22 personnel available	5			
		Detail of experience of fire breaks controled, not limited to the railway environment.	Completed schedule of Tenderer's experience (returnable schedule)		1= No experience in the field of fire breaks 2 = Less than 1 years experience in fire breaks 3 = Limited experience, 1 - 4 years in the field of fire breaks 4 = 4 - 6 years experience in firebreaks, including fire breaks in TFR environment 5 = Extensive experience in the field of fire breaks (6 or more years) in the TFR environment	5			
		Sufficiency of vehicles and equipment available as stipulated in tender	-Specify qty and type of support vehicles, etc available for this tender.		1 = No equipment or vehicles available for this contract 2 = Equipment or vehicles on order and available at the time of award 3 = Sufficient for 1 team, but no back up water tanker available 4 = Sufficient for one team with backup water tanker available 5 = Sufficient for > 1 team with backup water tankers				
4	Programing Schedule	The duration and workrate is addressed for the initial spray of each season per zone as specified in the tender.	Detailed program in line diagram / Barchart format according to Bill of Quantities Included in the method statement: -Duration of initial treatment for season - Specify how many teams are available and the detail and function of personnel in the teams to carry out operation. - Specify qty of teams available for this tender -capacity of each team and the work rates of each team per day. -Statement of support vehicles available for this tender	B6;	1 = The duration and workrate is not addressed. 2 = The duration and workrate is addressed. Proven and realistic completion > 8 weeks co-inciding with the burning season for fire breaks 3 = The duration and workrate is addressed. Proven and realistic completion > 6 < 8 weeks co-inciding with the burning season for fire breaks 4 = The duration and workrate is addressed. Proven and realistic completion within 6 weeks co-inciding with the burning season for fire breaks 5 = The duration and workrate is addressed. Proven and realistic completion within 4 weeks	5			
		Preliminary work program for the specified zone/s is included for tracer belts and fire breaks	Detailed program in line diagram / Barchart format according to Bill of Quantities	B6;	1 = Preliminary work program is included but incomplete 3 = Is complete but unattainable but requires adjustment 5 = Preliminary work program is included and complete and attainable	5			
		Follow-up program/remedial work is addressed per zone is included	Preliminary follow-up program in line diagram / Barchart format according to Bill of Quantities	B6;	1 = Preliminary work program is included but incomplete 3 = Is complete but unattainable but requires adjustment 5 = Preliminary work program is included and complete and attainable	5			