

	Tender Technical Evaluation Criteria Firebreaks Services on Various Eskom Land Properties managed by ERE (Land Management)	Finance services
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on Various Eskom Land
Properties managed by ERE
(Land Management)**

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Compiled by



Chief Advisor:
Business Analysis
Patience Selepe

Date: 13/06/2025

Functional Responsibility



Middle Manager Real
Estate
Thabang Masoeu

Date: 2025/06/13

Approved by



Senior Manager Real
Estate
Archibold
Mogokonyane

Date: 13/06/2025

	Page
DISCLOSURE.....	1
1. INTRODUCTION	3
2. SUPPORTING CLAUSES	3
2.1 SCOPE	3
2.1.1 Purpose.....	6
Table 1 below indicates the total number of land properties and kilometres where firebreaks are required annually. ...	7
2.1.2 Applicability	7
2.2 NORMATIVE/INFORMATIVE REFERENCES.....	7
2.2.1 Normative.....	8
2.2.2 Informative	8
2.3 DEFINITIONS	8
2.3.1 Classification	8
2.3 ABBREVIATIONS.....	8
Table 2: The following abbreviations are used in this Service Information:	8
3. TENDER TECHNICAL EVALUATION STRATEGY.....	9
3.1 MANDATORY TECHNICAL EVALUATION CRITERIA (GATE KEEPER)	9
Table 3: Mandatory Technical Evaluation Criteria.....	9
3.2 TECHNICAL EVALUATION THRESHOLD.....	10
3.3 TECHNICAL EVALUATION CRITERIA	11
Table 4: Technical Evaluation Criteria.....	11
3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA.....	14
4. AUTHORISATION	14
5. ACKNOWLEDGEMENTS	Error! Bookmark not defined.

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1. INTRODUCTION

Establishment of an Enabling Contract to provide for Firebreaks Services on Various Eskom Land Properties

2. SUPPORTING CLAUSES

2.1 SCOPE

A Contractor is required to prepare firebreaks on the mentioned properties falling within a specific Province to comply with the provisions of the National Veld and Forest Fire Act 101 of 1998 as amended.

Irrespective of the firebreaks services methodology (i.e. prescribed burning or ploughing or grading /tiling or mowing) the general scope will be as follows:

- Prepare firebreaks according to the provided Map. The firebreaks width will be specified as per the requirement stipulated by the FPA of the Area
- The width of the firebreaks should be reasonable as stipulated in the National Veld and Forest Fire Act 101 of 1998 as amended
- Liaise with the Eskom Representative in the area prior to commencement of the work.
- The total length of kilometers will be stipulated on the attached Map
- Produce a Post Fire Season Report (providing a comprehensive outline of the work undertaken)
- The Contractor shall have suitable vehicles which are compatible with the terrain to load tools and equipment and to transport personnel to and from sites.
- The contractor shall have sufficient qualified, experienced and appointed key personnel to execute the task
- The Contractor shall provide a method statement on how they will execute the task. The method statement shall be submitted to Eskom for review and approval, and the Contractor shall not commence any task without the method statement

PRESCRIBED BURNING:

- The contractor is required to conduct the following activities in preparing the Firebreaks:
- Prepare tracer lines or tracer cuts on the exact footprint where the firebreaks will be burnt to reduce the fuel load and associated risks before the fire season starts
- The Contractor shall obtain the Fire Danger Index (FDI) from the Local Fire Protection Association on a daily basis and also monitor wind speed and direction before and after the fire break or block burns
- Engage and liaise with the Local Fire Protection Association of the area in the province and request a list of landowners
- Inform and mobilize neighbouring / adjacent landowners prior and during the burning of the firebreaks. A list of landowners will be made available prior to the commencement of the task
- Produce a Post Fire Season Report (providing a comprehensive outline of the work undertaken)
- The Contractor shall have the following tools and equipment:
- Fire Fighting Skip (500 liters tank) with 200 cc motor and pump
- Flame Block
- Water Trailer (2000 liters tank) with 250 cc motor and pump
- Blower
- Drone (for firefighting)
- Fire Beaters
- Tractor Mounted Slasher Mower (Field Master)
- Knapsack
- Brush cutters
- Flame thrower (Ignitor)
- Diesel Tank (1000 litre trailer)
- Jerry Can (Paraffin)

NB: serial numbers or registration numbers on owned equipment to be submitted (successful Tenderer will be required to submit valid license discs)
Confirmation letter for leased equipment to be submitted.

- The Contractor shall have the following suitable vehicles which are compatible with the terrain to load tools and equipment and to transport personnel to and from site:
 - 4 x 4 Tractor
 - 4 x 4 Bakkie / SUV
 - Staff Transport (to comply to Eskom requirements)

GRADING:

- The contractor is required to conduct the following activities in preparing the Firebreaks:
- The Contractor shall have motorized grader (not tractor mounted grader blade)
- The material must be graded away from the fence line
- Provide run-offs on steep terrain
- Pruning or cutting of trees growing in the firebreaks area will be the responsibility of the Contractor
- The Contractor shall have the suitable vehicle which is compatible with the terrain to load tools and equipment:
- Motorised Grader

PLOUGHING OR TILLING:

- The contractor is required to conduct the following activities in preparing the Firebreaks:
- The Contractor shall have a tractor with a plough or a tiller
- Provide run-offs on steep terrain
- Pruning or cutting of trees growing in the firebreaks servitude will be the responsibility of the Contractor
- The Contractor shall have the following tools and equipment:
- 8 Disc Plough (minimum)
- Brush Cutter

**NB: serial numbers or registration numbers on owned equipment to be submitted (Successful Tenderer will be required to submit valid license discs)
Confirmation letter for leased equipment to be submitted.**

- The Contractor shall have the following suitable vehicles which are compatible with the terrain to load tools and equipment and to transport personnel to and from site:
 - 4 x 4 Tractor
 - 4 x 4 Bakkie / SUV
 - Staff Transport (to comply with Eskom requirements)

MOWING:

- The contractor is required to conduct the following activities in preparing the Firebreaks:
- The Contractor shall have a tractor with a Mower or Slasher
- Provide run-offs on steep terrain
- Pruning or cutting of trees growing in the firebreak's servitude will be the responsibility of the Contractor
- The Contractor shall have the following tools and equipment:
- Fire Fighting Skip (500 liters tank) with 200 cc motor and pump
- Flame Block
- Tractor Mounted Slasher Mower (Field Master)
- Brush cutters
- Mulcher Blades (for Slasher)
- Hay Rake (tractor mounted)

NB: serial numbers or registration numbers on owned equipment to be submitted (Successful Tenderer will be required to submit valid license discs) Confirmation letter for leased equipment to be submitted.

The Contractor shall have the following suitable vehicles which are compatible with the terrain to load tools and equipment and to transport personnel to and from site:

- Tractor
- 4 x 4 Bakkie

2.1.1 Purpose

Eskom has acquired land properties in various provinces in South Africa for the purposes of Generation, Transmission and Distribution of Electricity Infrastructure and other related matters. Eskom Real Estate (Land Management) is responsible for management of some of the land properties referred to.

Eskom is regarded as the landowner and is required to comply with the provisions of the National Veld and Forest Fire Act 101 of 1998. This Act, Chapters 4 and 5 place the duty on every owner on whose land a veldfire may start or burn or from whose land it may spread to prepare and maintain a firebreak, have equipment, protective clothing and trained personnel for extinguishing fires.

The Act also requires that if the owner is absent, he or she must have a responsible person present on or near his or her land to:

- extinguish a fire if one broke out, or assist others to do so
- take all reasonable steps to alert the neighbours and the Fire Protection Association (FPA, if there is one)

In accordance with the Act, owners of properties may appoint agents to act on their behalf to perform legislated responsibilities.

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The following methods may be used to conduct Firebreaks:

- Prescribed Burning
- Ploughing
- Grading
- Mowing

The Establishment of the five-year Enabling Contract is required to ensure that Firebreaks Services are timeously in place for all land properties when required (at least annually). Generally, the current practice is to appoint contractors annually and per property per site for the required Firebreaks Services and this practice is not efficient.

Table 1 below indicates the total number of land properties and kilometres where firebreaks are required annually.

	NUCLEAR / SERE	WIRES AND RENEWABLE S	COAL 2	COAL 3	TOTAL
Total number of properties		114	191	182	487
Firebreaks (Kilometres)		87	485	501	1073

2.1.2 Applicability

Firebreaks Services on Various Eskom Land Properties managed by ERE (Land Management) as and when required basis for the period of five (5) years.

2.2 NORMATIVE/INFORMATIVE REFERENCES

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

2.2.1 Normative

[1] 32-1034: Eskom Procurement Policy

2.2.2 Informative

2.3 DEFINITIONS

N/A

2.3.1 Classification

Controlled Disclosure: Controlled Disclosure to external parties (either enforced by law, or discretionary).

2.3 ABBREVIATIONS

Table 2: The following abbreviations are used in this Service Information:

Abbreviation	Meaning given to the abbreviation
QM	Quality Management
ERE	Eskom Real Estate
SDL&I	Supplier Development Location and Industrialisation
SHE	SAFETY, Health, and Environment
TSC	Term Service Contract
PPE	Personal Protective Equipment
Abbreviation	Meaning given to the abbreviation
FPA	Fire Protection Association
SD&L	Supplier Development and Localisation

3. TENDER TECHNICAL EVALUATION STRATEGY

3.1 MANDATORY TECHNICAL EVALUATION CRITERIA (GATE KEEPER)

Table 3: Mandatory Technical Evaluation Criteria

Requirements	Comments:
GATE KEEPERS	
<p>A. Tools, equipment, and vehicles required for prescribed burning:</p> <ol style="list-style-type: none">1. Fire Fighting Skip (500 litres tank) with 200 cc motor and pump2. Flame Block3. Water Trailer (2000 litres tank) with 250 cc motor and pump4. Blower5. Fire Beaters6. Knapsack7. Brush cutters8. Flame thrower (Ignitor)9. Diesel Tank (1000 litre trailer)10. Jerry Can (Paraffin) <p>NB:</p> <ul style="list-style-type: none">• The tenderer will be required to submit proof of ownership or lease agreement/letter at tender stage• Serial numbers or registration numbers on owned tools, equipment, and vehicles to be submitted (successful Tenderer will be required to submit valid license discs)	<p>To meet all the gatekeepers to be evaluated further</p>
<p>B. The Contractor shall have the following tools and equipment for Ploughing or Tilling:</p> <ol style="list-style-type: none">1. 8 Disc Plough (minimum)2. Brush Cutter <p>NB:</p> <ul style="list-style-type: none">• The tenderer will be required to submit proof of ownership or lease agreement/letter at tender stage• Serial numbers or registration numbers on owned tools, equipment and vehicles to be submitted (successful Tenderer will be required to submit valid license discs)	<p>To meet all the gatekeepers to be evaluated further</p>

<p>C. . Tools, equipment and vehicles required for mowing:</p> <ol style="list-style-type: none"> 1. Fire Fighting Skip (500 litres tank) with 200 cc motor and pump 2. Flame Block 3. Tractor Mounted Slasher Mower (Field Master) 4. Brush cutters 5. Mulcher Blades (for Slasher) 6. Hay Rake (tractor mounted) <p>NB:</p> <ul style="list-style-type: none"> • The tenderer will be required to submit proof of ownership or lease agreement/letter at tender stage • Serial numbers or registration numbers on owned tools, equipment and vehicles to be submitted (successful Tenderer will be required to submit valid license discs) 	<p>To meet all the gatekeepers to be evaluated further</p>
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3.2 TECHNICAL EVALUATION THRESHOLD

Mandatory Technical Evaluation Criteria (gatekeepers) are 'must meet' criteria. These criteria shall not be weighted or point scored but shall be assessed on a Yes/No basis as to whether or not the criteria are met. An assessment of 'No' against any criterion shall technically disqualify the tenderer and shall not be further evaluated against Qualitative Criteria.

Qualitative Technical Evaluation Criteria are weighted evaluation criteria used to identify the highest technically ranked tenderer after determining that all the Mandatory Evaluation Criteria have been met. The Qualitative Evaluation Criteria are weighted to reflect the relevant importance of each criterion. **The minimum weighted final score (threshold) required for a tender to be considered from a technical perspective is 70%.**

3.3 TECHNICAL EVALUATION CRITERIA

Table 4: Technical Evaluation Criteria

Requirements				Allocation of scores
1. Company Experience	Provide proof of minimum 3 years of company experience in managing and maintaining firebreaks services	A. Verifiable reference letters with contactable details for Prescribed Burning	10%	Years of experience: Similar years of experience above 3 years = 10% Similar years of experience above 2 years to 3 years =7% Similar years of experience between 1 years to 2 years =5% Less than 1 years = 0%
		B. Verifiable reference letters with contactable details for Grading.	10%	Years of experience: Similar years of experience above 3 years = 10% Similar years of experience above 2 years to 3 years =7% Similar years of experience between 1 years to 2 years =5% Less than 1 years = 0%
		C. Verifiable reference letters with contactable details for Ploughing or Tilling	10%	Years of experience: Similar years of experience above 3 years = 10% Similar years of experience above 2 years to 3 years =7% Similar years of experience between 1 years to 2 years =5% Less than 1 years = 0%
		D. Verifiable reference letters with contactable details for Mowing.	10%	Years of experience: Similar years of experience above 3 years = 10% Similar years of experience above 2 years to 3 years =7% Similar years of experience between 1 years to 2 years =5% Less than 1 years = 0%
		SUB-TOTAL	40%	
2. Qualification and Experience of Key Staff	Provide CV, qualifications of the Project Manager	National Diploma or higher in Fire Management/ Conservation/ Horticulture/ Agriculture or equivalent (certificate to be provided)	5%	Qualification Higher than National Diploma = 3% National Diploma = 2% Less than National Diploma = 0
		Minimum of three (3) years fire management experience (provided on CV)	5%	Years of experience: Similar years of experience above 3 years = 15% Similar years of experience above 2 years to 3 years =10% Similar years of experience between 1 years to 2 years =7% Less than 1 years = 0%
		Valid Driver's Licence with minimum of 3 years driving experience (certified copy of driver's licence to be provided)	2%	Years of driving experience: Similar years of experience above 3 years = 10% Similar years of experience above 2 years to 3 years =7% Similar years of experience between 1 years to 2 years =5% Less than 1 years = 0%
	Provide CV, qualifications and drivers licence of the Supervisor	Valid Veld Fire Fighting Certificate or equivalent (certified copies to be provided)	5%	Qualification Higher than Certificate = 3% Certificate =2% Less than Certificate = 0%
		Minimum of three (3) years fire management experience, working with teams, organising, planning and controlling skills (provided on CV)	5%	Years of experience: Similar years of experience above 3 years = 15% Similar years of experience above 2 years to 3 years =10% Similar years of experience between 1 years to 2 years =7% Less than 1 years = 0%
		Valid Driver's Licence with minimum of 3 years driving experience (certified copy of driver's licence to be provided)	2%	Years of driving experience: Similar years of experience above 3 years = 10% Similar years of experience above 2 years to 3 years =7% Similar years of experience between 1 years to 2 years =5% Less than 1 years = 0%

	Provide CV, qualifications and drivers licence of the SHEQ Officer	National Diploma in Safety Management or equivalent (certificate to be provided)	5%	Qualification Higher than National Diploma = 3% National Diploma = 2% Less than Diploma = 0%
		Provide 3 years First Aid Level Two (2) experience (certified and valid copies to be provided)	3%	Years of First Aid experience: Similar years of experience above 3 years = 10% Similar years of experience above 2 years to 3 years =7% Similar years of experience between 1 years to 2 years =5% Less than 1 years = 0%
		Valid Driver's Licence with minimum of 3 years driving experience (certified copy of driver's licence to be provided)	2%	Years of driving experience: Similar years of experience above 3 years = 10% Similar years of experience above 2 years to 3 years =7% Similar years of experience between 1 years to 2 years =5% Less than 1 years = 0%
		To provide three (3) years SHEQ experience and risk management (provided on CV)	5%	Years of SHEQ and Risk Management experience: Similar years of experience above 3 years = 10% Similar years of experience above 2 years to 3 years =7% Similar years of experience between 1 years to 2 years =5% Less than 1 years = 0%
	Team Members	Provide a minimum of three (3) Staff Members with a minimum of 3 years working experience At least 2 team members to have Valid First Aid level 1 training, (certified and valid copies to be provided)	3%	Years of experience: Similar years of experience above 3 years = 10% Similar years of experience above 2 years to 3 years =7% Similar years of experience between 1 years to 2 years =5% Less than 1 years = 0% Years of First Aid experience: above First Aid Level 1 = 10% First Aid Level 1 = 5 Less than First Aid Level 1 = 0%
		At least 2 team members to have Valid First Aid level 1 training, (certified and valid copies to be provided)	3	Years of First Aid experience: 1. Above two (2) members with First Aid Level 1 = 10% 2. Two (2) members with First Aid Level 1 = 5 3. Less than 2 members with First Aid Level 1 = 0%
		Sub-total	45%	
3. Execution of services	Organogram/Structure for key staff	The organogram to include all key staff required for all the methods for firebreak	3%	Structure/Organogram for key staff 1. All key resources covered and more = 3% 2. Only required key staff provided = 2% 3. More than 1 key staff missing = 0
	Method Statement	a. Provide firebreaks method statement for: • Prescribed Burning	3%	Method statement and Structure: 1. All sequential items identified including PPE = 3% 2. one missing items/activities including PPE = 2% 3. More than 1 missing items including PPE = 0%
		b. Provide firebreaks method statement for: • Ploughing	3%	Method statement and Structure: 1. All sequential items identified including PPE = 3% 2. one missing items/activities including PPE = 2% 3. More than 1 missing items including PPE = 0%
		c. Provide firebreaks method statement for: • Grading	3%	Method statement and Structure: 1. All sequential items identified including PPE = 3% 2. one missing items/activities including PPE = 2% 3. More than 1 missing items including PPE = 0%
		d. Provide firebreaks method statement for: • Mowing	3%	Method statement and Structure: 1. All sequential items identified including PPE = 3% 2. one missing items/activities including PPE = 2% 3. More than 1 missing items including PPE = 0%
			15%	

100%

NB:

The following items listed below are required for pre contract award:

A: Prescribed Burning

1. 4 x 4 Bakkie/SUV
2. 4 x 4 Tractor
3. Staff transport (to comply to Eskom requirements, see attached)

B. Grading

1. Motorised Grader

C. Ploughing / Tiling

1. 4 x 4 Bakkie/SUV
2. 4 x 4 Tractor
3. Staff transport (to comply to Eskom requirements, see attached)

B. Mowing

1. Tractor
2. 4 x 4 Bakkie

The Tenderer does not need to have the above-mentioned items during tendering phase, but will be required to submit proof of ownership or lease agreement / letter prior to contract award.

3.4 QUALITATIVE TECHNICAL EVALUATION CRITERIA

Tender Technical Evaluation Strategy	Unique Identifier
	:
	Revision
	:
	Page: 1
	14 of 14

4. ACKNOWLEDGEMENTS

This document has been seen and accepted by:

Name	Designation
Tumelo Moila	Snr Advisor Prof Land Management
Patience Selepe	Chief Advisor Business Analysis
Thabang Masoeu	Middle Manager Real Estate
Archibold Mogokonyane	Senior Manager Real Estate

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