

	<b>SCOPE OF WORK</b>	Unique Identifier	
		Revision	Rev. 0
		Revision Date	

## 1. SCOPE OF WORK

### SUPPLY OF BUSH – CLEARING SERVICES FOR TRANSMISSION PROJECTS (VARIOUS) WITHIN POWERLINES PORTFOLIO.

Eskom Rotek Industries SOC Ltd requires the supply of **BUSH –CLEARING SERVICES** for Various Projects within Powerlines Portfolio as per Eskom supplied Bill of Quantities (BoQ).

The purpose of this Scope of Work is to establish guidelines which will be applied for Bush Clearing as per applicable specifications for subcontractor(s) performing this task.

The Scope entails the followings, but not limited to;

**NB:** The minimum standards to be used for bush clearing for new Powerlines construction are listed in the table below. These specifications shall be used in conjunction with the EMP that has been compiled.

<u>Item</u>	<u>Standard</u>	<u>Follow up</u>
<b>Centre line of proposed Powerlines</b>	Clear to a maximum (depending on the tower type and voltage) of an 8 m wide strip of all unwanted vegetation along the Centre line. Vegetation to be cut within 100 mm of the ground. Treat stumps with herbicide.	Re-growth shall be cut within 100 mm of the ground and treated with herbicide as necessary.
<b>Inaccessible valleys (trace line)</b>	Clear a 1 m strip for access by foot only for the pulling of a pilot wire by hand.	Vegetation not to be disturbed after initial clearing – vegetation to regrow.
<b>Access road</b>	Clear a maximum (depending on the tower type and voltage) 5 m wide strip for vehicle access within the maximum 8 m width, including de-stumping/cutting stumps to ground level, treating with a herbicide and re-compaction of soil.	Re-growth to be cut at ground level and treated with herbicide as necessary.
<b>Proposed tower position and Proposed support/stay wire position</b>	Clear all vegetation within proposed tower position and within a maximum (depending on the tower type and voltage) radius of 5 m around the position, including de-stumping/cutting stumps to ground level, treating with a herbicide and re-compaction of soil.	Re-growth to be cut at ground level and treated with herbicide as necessary.
<b>Indigenous vegetation within servitude area (outside of the maximum 8 m strip)</b>	Area outside of the maximum 8 m strip and within the servitude area, selective trimming or cutting down of those identified plants posing a threat to the integrity of the proposed Powerlines.	Selective trimming
<b>Alien species within servitude area (outside of the maximum 8 m strip)</b>	Area outside of the maximum 8 m strip and within the servitude area, cut all vegetation within servitude area and treat with appropriate herbicide.	Cut and treat with appropriate herbicide.

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## 2. Herbicides – Use of Herbicides:

- a) The use of herbicides shall be in compliance with terms of The Fertilisers, Farm Feeds, Agricultural Remedies and Stock Remedies Act 1947 ( Act 36 of 1947).
- b) In terms of the above act, only a registered pest control operator may apply herbicides on a commercial basis. All application of herbicides shall be carried out under the supervision of a registered pest control operator.
- c) The Eskom Corporate Policy (ESKPBAAD4) and Standard (ESKAASAL0) on herbicides use shall be adhered to.
- d) Herbicides shall only be applied in wind free conditions on clear days where there is no sign of rain
- e) The subcontractor assigned for the clearing of the vegetation must be able to produce a valid herbicide applicators license
- f) All surplus herbicide will be disposed of in accordance with Supplier's specifications
- g) A daily register shall be kept of all relevant details of herbicides usage and such register maintained by the relevant Eskom Rotek custodian.

## 3. Warranty shall be obtained from the contractor that:

- a) He or she knows and understand the dangers involved in clearing bush in or around Powerlines and the dangers of the spread of fire.
- b) He or she understands and will comply with Eskom/Eskom Rotek Industries procedures.
- c) He or she is able to and shall comply with all legislation pertaining to the nature of the work to be done and all things incidental thereto.
- d) He or she shall appoint a land owner liaison officer, who shall personally contact all affected land owners and users telephonically or in writing and obtain their permission before any trees or bushes are cut, regardless of any previous arrangements or agreements. This shall not be applicable in the case where Eskom/Eskom Rotek Industries has undertaken this requirement.
- e) For all affected Powerlines a list of property owners shall be supplied, by Eskom/Eskom Rotek Industries to the contractor to enable him to obtain the owners' consent.

## 4. Equipment required but not limited to:

- a) Chain and Wood saws,
- b) Lifting tackle,
- c) Vehicle (lorry/ pickup),
- d) Herbicide, and
- e) Safety Personal Protective Equipment

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