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Developed by: TM Metiso date 29/08/2022

Approved by: N Nsibande  Date 30/08/2022

Description of the service

Executive overview

For the provision of a Horticulture service at Grootvlei Power Station and Panfontein farm (including Vaal dam pump station and farm Panfontein) for the period of 36 months

Employer's requirements for the service

Area Ref	Area Description	Area Size m	NOTE
L1A	INTENSIVE GRASS	286714	
	Main security entrance (Outside)	21573	
	Main Security Entrance (Inside)	33171	
	From Inside security Offices	78000	
	Office and Mechanical Workshops	220	
	Office Area and Island Around Power Station	32600	
	Training Centre and Transformer Oil Plant	1150	
	Main RD to Power Station from Balfour RD	120000	
L1B	SEMI INTENSIVE GRASS	920098	
	Area in Front of 400kV relay house	56000	
	Area In Front of 88kV Yard relay house	12000	
	From oil filtration plant to main stores right hand side of tar road, to the South Power Station Security fence, up to the Coal Conveyors West Side and Coal Plant Drive Houses including Workshops. Thermal insulation workshops ruin scrap yard.	150898	
	Coal stockpile Yard Area	170000	
	Outside Area / Terminal Reservoirs	20000	
	Helipad	1200	
	Access Road to old Ash dam and asbestos Dumping site & 6 Million Dam (3m Both sides)	10000	
	<u>Vaaldam</u>		
	Pump-station	500000	
L2A	PERIODIC GRASS	2900	
	V Trench (2m both sides of trench	2400	
	Balfour Pump Station Switch room	500	
	Salvage yard		

L2B	LAND MANAGEMENT AND FIRE		
	Fire Break Roads Maintenance (3m both sides)	30KM	
	Repurposing sites (Panfontein farms)	400ha	
L3A	FERTILIZER INTENSIVE	286714	
	All intensive grass areas	286714	
L3B	HERBICIDES APPLICATION	473980	
	Security fence Inside	90000	
	Sewage Plant Transformers Area	3000	
	Effluent Plant Area around pump Station and switch room	2000	
	Pollution Plant and Oil Skimmer Area, area around clarifiers and pump-house switch room	1000	
	Outside Area / AWR pump-house Area Surrounding the Electrical Switch room cluster valve and 6.6kV/ 380 volt transformers within palisade fencing	1600	
	Boreholes	400	
	Car Ports	40000	
	Transformer Area	500	
	Stock Pile Terrance Dam	30000	
	Helipad	1200	
	South Terrace Dam	30000	
	East Terrace Dam	40000	
	<u>Ash Pipelines</u>		
	Lines 1+2+3+4	54000	
	AWR towards 6 Million Dams	1200	
	6 Million Dams to East security fence	600	
	Coal stock pipeline (Black running towards Ash dam, 3m both sides)	15000	
	East Terrance Dam to East Security fence and Ash Dam (Green)	21000	
	V Trench around Ash Dams (3m both sides)	50000	
	Access to AWR Pump-house from Main Gate(1) (3m both sides)	15000	
	Cobble stone Dirt Road (Ash dam surrounding, 3m both sides)	60000	
	Brick paved walkway in and around station	6000	
	<u>Vaaldam</u>		

Intake	1000	
Servitude (Pipeline, road and sludge dams)	8000	
Transformer area & Invader control	80	
Vaaldam Pipeline to Grootvlei Power Station	2400	

L4A	FLOWERBEDS	525	
	All Flower beds	525	

L4B	ANNUALS	1020	
	Fountain	500	
	Main building	20	
	Other Areas	500	
	Office Plants	15	

L5A	Pest control (As and when required)		
	Invasive plant management	400ha	Shall be assessed quarterly and measured annually but it is a monthly activity
	Fire break network maintenance (grating or scrapping)	30km	Once a year and as and when needed

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