APPENDIX E. Potential impacts on Red Data species recorded in the study area.

Species	Conservation Status (Barnes	Nature of impact	General susceptibility	Probability	Expected locality	Frequency	Timing	Duration	Intensity	Extent	Significance		Status	Confidence
	2000)		to expected impacts								WOMM	WMM		
Bittern	Critically endangered	Disturbance during construction Habitat destruction during construction	Very high Very high	Probable? Not regularly recorded, but secretive nature means it can be overlooked	Wetlands and pans, particularly larger ones, with tall reed beds, and riparian habitat	Low due to very low reporting rate for this species	Year round	Medium term Long term	High High	Regio nal	Medium	Low	Neg.	Low
Pinkbacked Pelican	Vulnerable	Disturbance during construction Habitat destruction during construction Collision with earth wire during operation	High High Very high	Probable Probable Probable Although the species have been recorded only in 2825D numbers could increase in wet years in ephemeral pans	Wetlands and pans, particularly larger ones. In wet years, extensive habitat exists in 2825B&D	Low due to low reporting rate for this species. Could change in periods of high rainfall.	Year round	Medium term Long term term	Medium Medium High	Regio nal	Medium	Low	Neg.	High
Tawny Eagle	Vulnerable	Collision with earth wire during operation	Low	Improbable										High
Martial Eagle	Vulnerable	Collision with earth wire during operation	Low	Probable	Grassland, thornveld or bushveld	Low, most likely in 2825D due to	Year round	Long term	High	Local	Medium	Low		High

					and riparian habitat	relatively high reporting rate. Reports of collisions usually at waterbodi es.								
Lesser Kestrel	Vulnerable	Collision with earth wire during operation	Low	Improbable. The birds are very nimble and will perch extensively on the earthwire										High
Blue Crane	Vulnerable	Collision with earth wire during operation Disturbance during construction Habitat destruction during construction	Very high High High	Probable Probable Probable	Grassland habitat. Pans which may serve as roosts .	Low due to relatively low reporting rate. Situation could change in wet years	Year round	Long term Medium term Medium term	High Medium Medium	Local Local Local	Medium	Low	Neg.	High
Kori Bustard	Vulnerable	Collision with earth wire during operation Disturbance during construction Habitat destruction during construction	Very high High High	Highly probable Probable Probable	Along well wooded drainage lines in grassland habitat.	Low	Year round	Long term Medium term Medium term	High Medium Medium	Local Local Local	Medium	Low	Neg.	High
Ludwig's Bustard	Vulnerable	Collision with earth wire during operation Disturbance during construction Habitat	Very high High High	Improbable. Suitable habitat only exists in the south of 2825D, far from any corridors.										High

		destruction during construction												
Whitebacked Vulture	Vulnerable	Collision with earth wire during operation	Medium	Probable	Anywhere at a carcass	Low due to low reporting rate	Year round	Long term	High	Local	None		Neg.	High
Cape Vulture	Vulnerable	Collision with earth wire during operation	Medium	Probable	Anywhere at a carcass	Low due to low reporting rate	Year round	Long term	High	Local	None		Neg.	High
African Marsh Harrier	Vulnerable	Collision with earth wire during operation Disturbance during construction	Low High	Improbable Probable	Wetland areas, surrounde d by grassland,	Low due to low reporting rate	Year round	Long term Medium term	High Medium	Local Local	Low to medium	Low	Neg.	Medium
		Habitat destruction during construction	High	Probable				Long term?	High	Local				
Grass Owl	Vulnerable	Disturbance during construction Habitat destruction during construction	High High	Probable Probable	Grassland and wetland areas.	Low due to low reporting rate. May be overlooke d	Year round	Medium term Medium term	Medium Medium	Local Local	Low to medium	Low	Neg.	Medium
White Pelican	Near threatened	Disturbance during construction Habitat destruction during construction	High High	Probable Probable	Wetlands and pans, particularly larger ones	Low due to low reporting rate for this species. Low	Year round	Medium term Medium	Medium Medium	Regio nal	Medium	Low	Neg.	Medium
		Collision with earth wire during operation	Very high	Probable		reporting rate could change in wet years		Long term	High					
Marabou Stork	Near threatened	Collision with earth wire during operation	Unknown but probably high	Improbable. Vagrant to the area										High
Yellowbilled Stork	Near threatened	Collision with earth	Unknown, but probably high	Probable	Wetlands and pans	Low due to low	Year round,	Long term	High	Local	Low to medium	Low	Neg.	High

		wire during operation Habitat destruction during construction	High	Probable	and riparian habitat.	reporting rate	with a summer peak	Medium term	Medium	Local				
Greater Flamingo	Near threatened	Collision with earth wire during operation	High	Highly probable	Wetlands and pans. Extensive local	High	Year round, linked to rainfall	Long term	High	Regio nal	Medium to high	Low	Neg.	High
		Habitat destruction during construction	High	Probable	movement is likely in 2825B&D and 2826A		events	Medium term	High	Regio nal				
		Disturbance during construction	High	Probable	when conditions are good.			Medium term	Medium	Regio nal				
Lesser Flamingo	Near threatened	Collision with earth wire during operation	High	Highly probable	Wetlands and pans. Extensive local	High	Year round, linked to rainfall	Long term	High	Regio nal	Medium to high	Low	Neg.	High
		Habitat destruction during construction	High	Probable	movement is likely in 2825B&D and 2826A		events	Medium	High	Regio nal				
		Disturbance during construction	High	Probable	when conditions are good.			Medium	Medium	Regio nal				
Secretarybird	Near threatened	Collision with earth wire during operation	High	Highly probable	Grassland and thornveld areas	Low due to low density of birds and	Year round	Long term	High	Local	Low to medium	Low	Neg.	High
		Habitat destruction during	Low	Improbable		solitary nature		Medium term	Low	Local				
		construction Disturbance during construction	Low	Improbable				Medium term	Low	Local				
Black Harrier	Near threatened	Collision with earth wire during operation	Low	Improbable. Bird is a vagrant to the study										
		Disturbance during construction	High	area										
		Habitat	high											

		destruction												1
		during												
		construction												
Peregrine	Near	Collision	Low	Improbable.										High
Falcon	threatened	with earth		Birds are										_
		wire during		nimble										
		operation												
Lanner Falcon	Near	Collision	Low	Improbable.										High
	threatened	with earth		Birds are										
		wire during		nimble										
		operation		B 1 11				· · ·				l .		
Blue Korhaan	Near	Collision	Medium	Probable	Grassland	High due	Year	Long	High	Local	Medium	Low	Neg.	High
	threatened	with earth			habitat.	to relatively	round	term						
		wire during operation				relatively high								
		Disturbance	High	Probable		reporting		Medium	Medium	Local				
		during	riigii	TIODADIE		rate		term	Wedium	LUCAI				
		construction				Tate		term						
		Habitat	High	Probable										
		destruction						Medium	Medium	Local				
		during						term						
		construction												
Velodious	Near	Disturbance	High	Probable	Grassland	Low	Year	Short	Low	Local	Low	None	Neg.	High
_ark	threatened	during	-				round	term					_	_
		construction												
		Habitat	High	Probable				Short	Low	Local				
		destruction						term						
		during												
		construction		B 1 11		l		· · ·				l .		
Black Stork	Near threatened	Collision with earth	Unknown but	Probable	Wetland and	Low due to low	Year	Long	Medium	Local	Low to medium	Low	Neg.	High
	Inrealeneo	wire during	probably high		riparian	reporting	round	term			mealum			
		operation			habitat	rate and								
		Habitat	High	Probable	nabitat	solitary		Medium	Medium					
		destruction	riigii	TTODADIC		nature		term	Weardin					
		during												
		construction												
Pallid Harrier	Near	Collision	Low	Improbable		1								High
	threatened	with earth		Species is a										Ĩ
		wire during		vagrant to										
		operation		the area										
		Disturbance	High											
		during		1										
		construction												
		Habitat	high											
		destruction		1										
		during												

		construction												
Painted Snipe	Near threatened	Disturbance during construction Habitat destruction during construction	High High	Probable Probable	Wetlands and pans	Low due to low reporting rate. Could change in wet periods	Year round	Medium term Medium term	Medium	Local	Medium	Low	Neg.	High
Shortclawed Lark	Near threatened	Disturbance during construction Habitat destruction during construction	High High	Probable Probable	Grassland	Low due to low reporting rate	Year round	Short term Short term	Medium	Local Local	Low	None	Neg.	High
Chestnutband ed Plover	Near threatened	Disturbance during construction Habitat destruction during construction	Low High	Probable.	Wetlands and pans	Low due to low reporting rate	Year round	Short term Long term	Medium Medium	Local	Low	None	Neg.	High
Blackwinged Pratincole	Near threatened	Disturbance during construction	High	Probable	Arable lands	Low due to low reporting rate. However numbers may fluctuate greatly	Summer	Short term	Low	Local	Low	None	Neg.	High