

**UPGRADES AT NYLSVLEI NATURE  
RESERVE**

**CONTRACT NO. RFP023/2024**

**SCHEDULE OF QUANTITIES**



**DEVELOPMENT BANK OF SOUTHERN AFRICA**  
**UPGRADES AT NYLSVLEI NATURE RESERVE**  
**CONTRACT NUMBER :RFP 023/2024**

**SUMMARY OF SCHEDULE**

**TENDERED AMOUNT R**

**PRELIMINARIES AND GENERALS**

**CONSTRUCTION OF PAVED ACCESS ROAD AND PAVING OF CARPORTS**

**STORMWATER MANAGEMENT**

**CARPORTS**

**SECURITY AND STREET LIGHTING**

**SUB-TOTAL 1**

**CONTIGENCIES**

The sum provided hereuunder is for the sole control of the Employer and may be deducted in whole or in part. The tenderer shall allow the sum of **R850 000**

**SUB-TOTAL 2**

**VALUE ADDED TAX (VAT) 15% :**

**TOTAL CARRIED TO FORM OF OFFER AND ACCEPTANCE**

DEVELOPMENT BANK OF SOUTHERN AFRICA

UPGRADES AT NYLSVLEI NATURE RESERVE

CONTRACT NUMBER :RFP 023/2024

SCHEDULE OF QUANTITIES SECTION :PRELIMINARIES AND GENERALS

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT R
1	<b>PRELIMINARIES AND GENERALS @ 10%</b>	Sum	1.00	R -	
	Contractual Requirements				
	Site establishment & Destablishment				
	Offices and storage sheds				
	Workshops				
	Living accommodation				
	Ablution and latrine facilities				
	Tools and equipment				
	Transport				
	Project Management & Supervision				
	General responsibilities and other obligations				
2	<b>PROVISIONAL SUMS</b>				
2.1	Allow a provisional amount of thirty six thousand rand (R36000) for remuneration of Community Liason Officer	Prov Sum	1.00		
	Allow for profit and attendance for above	item	1.00		
2.2	Allow a provisional of one hundred and fifty thousand(R150000) for testing required by the Engineer	Prov Sum	1.00		
	Allow for profit and attendance for above	item			
3	<b>COMPLIANCE WITH OHS ACT AND CONSTRUCTION REGULATIONS 2014</b>				
	Provision of personal protective equipment (PPE)	Sum	1.00		
	Provision of signages	Sum	1.00		
	Provision of training	Sum	1.00		
	Provision of full time health and safety officer (SACPCMP REGISTERED)	Sum	1.00		
	Provision of medical certificates and medical surveillance including Initial (baseline) medical examinations, periodic examinations, and exit examinations	Sum	1.00		
	Provision of first aid boxes and emergency rescue kit	Sum	1.00		
	Preparation of site specific health and safety plan	Sum	1.00		
	Preparation of health and safety plan	Sum	1.00		
<b>BALANCE BROUGHT FORWARD</b>					

DEVELOPMENT BANK OF SOUTHERN AFRICA UPGRADES AT NYLSVLEI NATURE RESERVE CONTRACT NUMBER :RFP 023/2024 SCHEDULE OF QUANTITIES SECTION :PRELIMINARIES AND GENERALS					
ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT R
4	<b>DAYWORKS AND TEMPORARY WORKS</b>  Note:Dayworks Executed on the Instruction of the Engineer only  1. LABOUR a) Unskilled b) Semi skilled c) Foreman d) Artisan e) Surveyor  2. Grader (240kW/min) and operator  3.Bulldozer (D7 min Cap) and operator  4.Grid roller with tractor and operator (8T)  5.Front End Loader (0.9 m3) and operator  6. Truck (6m3) and driver  7. Truck (10m3) and driver  8. Concrete mixer (0.33m3 cap.)  9. Pneumatic tyred roller and operator  10.Backactor (600mm bucket) and operator  11. Compressor c.w drills,jackhammers etc  12. Vibrating plate compactor  13. Vibrating roller compactor (600mm)  14. Watercraft driver and operator  15. Tractor loader Backhoe (TLB) and operator				
BALANACE CARRIED TO SUMMARY					

DEVELOPMENT BANK OF SOUTHERN AFRICA UPGRADES AT NYLSVLEI NATURE RESERVE CONTRACT NUMBER :RFP 023/2024 SCHEDULE OF QUANTITIES SECTION : CONSTRUCTION OF PAVED RING ROAD AND PAVING OF CARPORTS						
ITEM NO	PAYMENT REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT R
2.1	<b>SABS 1200DM</b>	<b>EARTHWORKS</b>				
		<b>Treatment of roadbed</b>				
2.1.1		(a) Roadbed treatment preparation and compaction of material to minimum of 90% modified AASHTO maximum density	m³	1,243		
2.4	<b>SABS 1200ME</b>	<b>SUBBASE</b>				
		Construct subbase with material from designated borrowpits or commercial sources				
		G6 material compacted to 98% of MOD AASHTO maximum density in layers not exceeding 150mm	m³	1,188		
2.5	<b>SABS 1200MF</b>	<b>BASE</b>				
		Construct base with material from designated borrowpits or commercial sources				
2.5.1	<b>8.3.3</b>	G5 material compacted to C3 stabilised material to 98% of MOD AASHTO maximum density in 150mm	m³	1,188		
2.5.2	<b>8.3.5</b>	Process base material by stabilisation	m³	1,188		
2.5.3	<b>8.3.8</b>	Stabilising Agent(cement)	t	71		
2.6	<b>SABS 1200MJ</b>	<b>PAVING</b>				
2.6.1		Supply and place a layer of 25mm bedding sand on top of the compacted roadworks	m³	207		
2.6.2		Labour only for laying 80mm interlocking paving blocks on top of the bedding sand	m²	8,287		
2.6.3		Supply Install a fig 3 concrete kerbs around the perimeter of the paved area (rate must include concrete haunching)	m	2,640		
2.6.4		Provision of approved herbicide and ant poison	Sum	1.00		
2.6.5		<b>PROVISIONAL SUM FOR TRANSPORTATION OF PAVERS</b>				
		Allow a provisional sum of Nine Hundred and Forty Five Thousand Rand [R945 000] for transportation of Paving bricks from Lekgalametsi to Nylsvlei Nature Reserve including loading and offloading	item	1.00		
		Allow for profit and attendance for above	item	1.00		
2.7		<b>ROAD SIGNS AND MARKINGS</b>				
		Allow a provisional sum of Twenty Thousand Rand [R20 000] for road signs and markings	Prov Sum	1.00		
		Allow for profit and attendance for above	item	1.00		
<b>BALANCE CARRIED TO SUMMARY</b>						-

DEVELOPMENT BANK OF SOUTHERN AFRICA UPGRADES AT NYLSVLEI NATURE RESERVE CONTRACT NUMBER :RFP 023/2024 SCHEDULE OF QUANTITIES SECTION :STORMWATER MANAGEMENT						
ITEM NO	PAYMENT REF	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT R
3	SANS-1200DB	<b>STORMWATER DRAINAGE</b>				
		<b>EARTHWORKS (PIPE TRENCHES)</b>				
3.1	8.3.1	<b>SITE CLEARANCE</b>				
		a) Clear vegetation and trees of girth up to 1m (2m wide)	ha	0.22		
		c) Remove topsoil upto 200mm	m³	220.00		
3.2	8.302 (a)	<b>Excavation for drains and stormwater pipes</b>				
		a). Excavating in all materials for trenches, backfill and compact including disposal of surplus unsuitable material within for stormwater pipes up to 450 mm in diameter for depths.				
		i. 0 m to 1.0 m	m³	550.00		
		ii. 1.0 m to 2.0 m	m³	550.00		
		b) Extra over item for excavation in intermediate material	m³	440.00		
		c)Extra over item for excavation in hard material	m³	220.00		
		d)Extra over item for excavation in rock	m³	110.00		
3.3	SABS 1200 MK 8.2.7	<b>Chanelling</b>				
		Trimming of excavations for concrete and grass lined open drains				
		a) In soft material	m²	825.00		
		b) In hard material	m²	83.00		
3.4	SABS 1200 G 8.2.7	<b>Concrete lining and grassing for open drains</b>				
		a)Cast in situ concrete lining (25MPa V-drain and trapezoidal)	m³	165.00		
		b)To sides with formwork on both internal and external faces (each face measured)	m²	1,650.00		
		c) Grass lining for open channels	m²	825.00		
3.5		<b>Culverts</b>				
		600mm culverts 100S	m	43.20		
3.6		<b>Provisional sum</b>				
		Allow a provisional sum of One Hundred and Fifty Thousand Rand [R150 000] for erosion protection measures at the culvert outlet structures	Sum	1.00		
3.6.1		Allow for profit and attendance for above	item	1.00		
<b>BALANCE CARRIED TO SUMMARY</b>						

DEVELOPMENT BANK OF SOUTHERN AFRICA					
UPGRADES AT NYLSVLEI NATURE RESERVE					
CONTRACT NUMBER :RFP 023/2024					
SCHEDULE OF QUANTITIES SECTION :STEEL CARPORTS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT R
4.10	<b><u>EXCAVATIONS</u></b>				
	<b>Excavation in earth not exceeding 2m deep</b>				
4.1.1	Remove topsoil up to 200mm	m³	55.00		
4.1.2	Exacavation for bases	m³	18.00		
4.20	<b><u>CONCRETE, FORM WORK AND REINFORCEMENT</u></b>				
	<b><u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></b>				
	<b>25MPa/19mm concrete</b>				
4.2.1	Base	m³	12.00		
4.30	<b><u>REINFORCEMENT</u></b>				
	<b>Steel reinforcement to structural concrete work</b>				
4.3.1	All reinforcement in varying diameters	t	1.00		
4.40	<b><u>CARPORT STRUCTURE</u></b>				
4.4.1	Rectangular 120 x 120 x 5 SHS	t	5.50		
4.4.2	Rectangular 200 x 120 x 8 RHS	t	30.60		
4.4.3	PFC 100 X 50 X10	t	0.40		
4.4.4	0.3mm (0.686m width) IBR Galvanised	m²	367.00		
4.4.5	Fabrication of steelwork on site complete with all necessary cleats, brackets, gussets, packs, flashing etc as follows, with bolts in commercial grade (4.8) and steel to EN10025-2-S355JR Grade S355J, jointing by bolting and welding	t	37.70		
4.4.6	Steel Paintwork to structural steel elements	t	36.90		
	<b>BALANCE CARRIED TO SUMMARY</b>				

## UPGRADES AT NYLSVLEI NATURE RESERVE

**CONTRACT NUMBER :RFP 023/2024**

**SCHEDULE OF QUANTITIES SECTION :SECURITY AND STREET LIGHTING**

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