



FETAKGOMO TUBATSE LOCAL MUNICIPALITY

23 JULY 2025

EXTENSION OF CLOSING DATE ON THE ADVERTISED BID:

Notice is hereby given to all tenderers who have the intention to submit bid response for the above tender which was published on the municipal website and e-tender portal, with a closing date of 24 July 2025.

1. Tender description: **Appointment of a contractor for installation of civil Engineering services: Roads and stormwater at new Mashifane Park, Contract A1**

2. Tender description: **Appointment of a contractor for installation of civil Engineering services: Roads and stormwater at new Mashifane Park, Contract A2**

The closing date for the tender has been extended until **31 July 2025**, Time: 12h00, Submission Venue and time remain the same.

The reason for the extension of closing date is due to some bidders unable to print the excel BOQ, A pdf Bill of quantity shall be uploaded on or before the 23rd July 2025

For any enquiries, please contact Mrs. LM Mohlala on 013 231 1000 or email Lmmohlala@ftlm.gov.za Or the technical department, Mr RK Dikgale on rkdikgale@ftlm.gov.za or the engineer on edwin@aprilite.co.za

Magooa RM

Acting Municipal Manager

2025/07/23

Date

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New Mashifane Park: Installation of Civil Engineering Services: Roads and Stormwater Network

Contract No: Contract "A2"

Section	Description	Amount (R)
C1.2	GENERAL REQUIREMENTS AND PROVISIONS	
C1.3	CONTRACTOR'S SITE ESTABLISHMENT AND GENERAL OBLIGATIONS	R -
C1.4	FACILITIES FOR THE ENGINEER	R -
C1.5	ACCOMMODATION OF TRAFFIC	R -
C1.6	CLEARING AND GRUBBING	R -
C1.7	LOADING AND HAULING	R -
C3.1	DRAINS	R -
C3.2	CULVERTS	R -
C3.3	CONCRETE KERBING AND CHANNELLING	R -
C4.1	BORROW MATERIALS	R -
C4.2	CUT MATERIALS	
C4.4	COMMERCIAL MATERIALS	R -
C5.1	ROADBED	R -
C5.2	FILL LAYERS	R -
C5.3	ROAD PAVEMENT LAYERS	
C5.4	STABILISATION	R -
C6.2	SEGMENTAL BLOCK PAVING LAYERS	R -
C8.1	PRIME COAT	R -
C9.1	ASPHALT LAYERS	R -
C11.6	ROAD SIGNS	R -
C11.7	ROAD MARKINGS AND ROAD STUDS	R -
C11.9	FINISHING ROAD AND RESERVE AND TREATING OLD ROADS	R -
G10	GUIDELINES FOR SUBCONTRACTING AND LABOUR ENHANCEMENT	
	SUB-TOTAL	R -
	10% CONTINGENCIES	R -
	SUBTOTAL	R -
	Add 15% VAT	R -
	Total Carried Forward To Summary Of Schedules	R -

New Mashifane Park: Installation of Civil Engineering Services: Roads and Stormwater Network

Contract No: Contract "A2"

C1.2 GENERAL REQUIREMENTS AND PROVISIONS

Item	Description	Unit	Quantity	Rate	Amount (R)
C1.2	GENERAL REQUIREMENTS AND PROVISIONS				
C1.2.1.1	Monitoring compliance with and reporting on the EMP	month	12.00	R -	R -
C1.2.1.2	Dedicated environmental officer	month	12.00	R -	R -
C1.2.4	Stakeholder liaison	month	12.00	R -	R -
C1.2.4.1	Social Facilitation	Lump	1.00	R 750,000.00	R 750,000.00
C1.2.4.2	Occupational Health and Safety	Lump	1.00	R 450,000.00	R 450,000.00
C1.2.5.1	Health and safety plan	Lump sum	1	40000	40000
C1.2.5.2	Implementation of health and safety plan	month	12.00	R -	R -
C1.2.8	Dayworks:				
C1.2.8.1	Personnel:				
	(a) Unskilled labourer	h	50.00	R -	Rate Only
	(b) Semi-skilled labourer	h	50.00	R -	Rate Only
	(c) Skilled labourer	h	50.00	R -	Rate Only
	(d) Gang leader	h	50.00	R -	Rate Only
	(e) Foreman	h	50.00	R -	Rate Only
	(f) Skilled Artisan	h	50.00	R -	Rate Only
C1.2.8.2	Construction equipment (specify size and / or model number):				
	(a) Motor grader	h	50.00	R -	Rate Only
	(b) Vibratory roller	h	50.00	R -	Rate Only
	(c) Pneumatic roller	h	50.00	R -	Rate Only
	(d) Front end loader	h	50.00	R -	Rate Only
	(e) Tractor loader backhoe	h	50.00	R -	Rate Only
	(f) Excavator	h	50.00	R -	Rate Only
	(g) Compressor	h	50.00	R -	Rate Only
Total Carried Forward					

New Mashifane Park: Installation of Civil Engineering Services: Roads and Stormwater Network

Contract No: Contract "A2"

C1.3 CONTRACTOR'S SITE ESTABLISHMENT AND GENERAL OBLIGATIONS

Item	Description	Unit	Quantity	Rate	Amount (R)
C1.3	CONTRACTOR'S SITE ESTABLISHMENT AND GENERAL OBLIGATIONS				
C1.3.1	The Contractor's general obligations:				
C1.3.1.1	Fixed obligations	Lump sum	1.00		-
C1.3.1.2	Value related obligations	Lump sum	1.00		-
C1.3.1.3	Time-related obligations	month	12.00	-	-
C1.3.2	Contract sign boards	m²	36.00	-	-
C1.3.3	(a)OHS Consultant to be Appointed by Client	Prov. Sum	1.00	480,000.00	480,000.00
	(b) Contractors Handling cost and profit in respect of sub-item BC1.2.10(a)	%	480,000.00	0%	0.00
	(c)Provision for proper PPE's to Local Workers	No	100	-	-
	(d)Provision for Compiling of Safety File	No	1	-	-
	(e) Provision for proper PPE's for Visitors	No	20	-	-
	(f)Provision for Medical Surveillance(entry and exit)	No	1	-	-
	(g) Provision for Site Safety Signage	No	1	-	-
	(h) Provision for Fire Fighting Equipment	No	10	-	-
	(I) Provision for First Aid Kit(supply & maintenance)	No	2	-	-
	(j) Provision for HCS Spill Kits(supply & maintain)	No	1	-	-
	(k) Provision for Safety Barricades	No	15	-	-
	(I) Provision for H&S Personnel(e.g CHSO.FA etc.)	No	12	R -	R -
Total Carried Forward To Summary					480,000.00

New Mashifane Park: Installation of Civil Engineering Services: Roads and Stormwater Network

Contract No: Contract "A2"

C1.4 FACILITIES FOR THE ENGINEER

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
C1.4.1	Office and laboratory accommodation: The provision of accommodation as specified, including roof, external and internal walls, windows complete with glazing, doors with locks and fittings, burglar proofing, painting, floors, fencing, the provision of a 220/250 volt electrical installation with wiring, switchboards, etc, water and sewerage installation, and stores, complete, in accordance with the drawings and specifications, except for items scheduled elsewhere:				
C1.4.1.1	Offices and conference room	m ²	40.00	- R	-
C1.4.1.2	Laboratories	m ²	40.00	-	Rate Only
C1.4.1.5	Store rooms inside the laboratory	m ²	15.00	-	Rate Only
C1.4.1.6	Car ports	No.	9.00	- R	-
C1.4.1.7	Ablution units	m ²	15.00	- R	-
C1.4.1.9	Cooking unit, complete with stove, basin, concrete working table, shelving, sink	No.	1.00	-	Rate Only
C1.4.2.8	Notice boards as specified	m ²	3.00	- R	-
C1.4.3	Office and laboratory furniture, fittings, installations and equipment				
C1.4.3.1	Office swivel chair	No.	9.00	- R	-
C1.4.3.2	Chairs	No.	20.00	- R	-
C1.4.3.3	Draughtsman's stools	No.	1.00	-	Rate only
C1.4.3.4	High chairs for Laboratory	No.	3.00	-	Rate only
C1.4.3.5	Desks, complete with drawers and locks	No.	3.00	- R	-
C1.4.3.7	Drawing tables	No.	3.00	- R	-
C1.4.3.8	Conference tables	No.	1.00	- R	-
C1.4.3.11	General purpose steel cabinet with shelves	No.	6.00	- R	-
C1.4.3.13	220/250 volt power points	No.	1.00	- R	-
					R -

New Mashifane Park: Installation of Civil Engineering Services: Roads and Stormwater Network

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C1.4 FACILITIES FOR THE ENGINEER

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BROUGHT FORWARD				R -
C1.4.3.17	Double 55 watt fluorescent light fittings complete with ballast and tubes	No.	5.00	- R	-
C1.4.3.16	Single incandescent light fittings complete with 100 watt globes	No.	1.00	- R	-
C1.4.3.19	Wash-hand basins complete with taps and drains	No.	2.00	- R	-
C1.4.3.20	Laboratory basins complete with swan-neck taps and drain	No.	1.00	-	Rate Only
C1.4.3.22	Fume cupboards complete according to the drawings	No.	1.00	- R	-
C1.4.3.24	Air-conditioning units with, 2,2 kW minimum capacity, mounted and with own power connection	No.	3.00	- R	-
C1.4.3.26	Curing chamber for UCS specimens, complete with water connection, including the provision of brick partitions, plaster, paint and shelving, all complete according to the drawings	No.	1.00	-	Rate Only
C1.4.3.30	A4 colour printer, copier, scanner	No.	1.00	- R	-
	Refrigerators	No.	1.00	- R	-
	Uninterruptable power supply units	No.	3.00	- R	-
	Floodlights complete with poles and 500 Watt minimum globes	No.	3.00	- R	-
C1.4.3.31	Rain gauge	No.	2.00	- R	-
C1.4.3.32	Minimum/maximum atmospheric temperature gauge	No.	2.00	- R	-
C1.4.3.38	Standpipe complete with 30 m of 19 mm dia. heavy duty hose pipe	No.	4.00	- R	-
C1.4.5	Services				
C1.4.5.1	fixed cost	Lump sum	1.00	-	Rate Only
C1.4.5.2	Running costs	month	12.00	-	Rate Only
	Services for rented houses	month	12.00	- R	-
	Provision of photostat facilities	month	12.00	- R	-
Total Carried Forward To Summary					R -

New Mashifane Park: Installation of Civil Engineering Services: Roads and Stormwater Network

Contract No: Contract "A2"

C1.5 ACCOMMODATION OF TRAFFIC

Item	Description	Unit	Quantity	Rate	Amount (R)
C1.5	ACCOMMODATION OF TRAFFIC				
C1.5.2	Accommodation of vehicular traffic	month	12.00	R -	-
C1.5.4	Construction of temporary deviations	km	7.40	R -	Rate Only
C1.5.5	Maintenance of temporary deviations:	km	7.00	R -	Rate Only
C1.5.5.9	Grading of temporary deviations and existing roads used as detours	km	1.20	R -	-
C1.5.5.10	Watering of temporary deviations and existing roads used as detours	kℓ	650.00	R -	-
C1.5.5.11	Other road maintenance work ordered by the Engineer	prov sum	1.00	R -	-
C1.5.5.12	Handling cost, profit and all other charges in respect of item C1.5.6.11	%	50,000.00	0%	-
C1.5.6	Removal of temporary deviations	km	6.00	R -	-
BC1.5.7	Temporary traffic control facilities:				
L	(a) Flagmen	Person day	40.00	R -	-
	(b) Portable STOP and GO-RY signs	No	8.00	R -	Rate Only
	(d) Amber flashing lights	No	20.00	R -	Rate Only
	(e) Road signs, R- and TR-series				
	(ii) 1200mm diameter	No	10.00	R -	-
	(f) Road signs, TW-series with distance board				
	(iii) 1500mm sides	No	10.00	R -	-
	(g) Road signs, STW-, DTG-, TGS- AND TG-series (excluding delineators and barricades)	m²	25.00	R -	-
	(h) Delineators: (TW 401 and TW 402)				
	(i) Single (1200mm x 300mm)	No	50.00	R -	-
	(ii) Double sided blade (800mm x 200mm)	No	40.00	R -	-
	(i) Moveable barricade/road sign combination (Chevron and ROAD CLOSED types)	No	6.00	R -	-
	(m) Two-way communication devices	No	2.00	R -	Rate Only
	(i) 1200mm x 400mm	No	10.00	R -	-
Total Carried Forward					-

New Mashifane Park: Installation of Civil Engineering Services: Roads and Stormwater Network

C1.5 ACCOMMODATION OF TRAFFIC

Item	Description	Unit	Quantity	Rate	Amount (R)
Brought Forward					
	(r) Removable rumble strips (ATM)				
	(i) 3000mm x 300mm	No	10.00	R -	Rate Only
C1.5.12	Additional traffic accommodation facilities ordered by the Engineer:				
C1.5.12.1	Provision of additional traffic accommodation facilities	prov sum	1.00	R -	-
C1.5.12.2	Handling cost, profit and all other charges in respect of item C1.5.12.1	%	20,000.00	0%	-
Total Carried Forward To Summary					

Contract No: Contract "A2"

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New Mashifane Park: Installation of Civil Engineering Services: Roads and Stormwater Network

Contract No: Contract "A2"

C1.7 LOADING AND HAULING

Item	Description	Unit	Quantity	Rate	Amount (R)
C1.7	LOADING AND HAULING				
C1.7.2	Hauling:				
C1.7.2.1	Hauling material for use in the Works and off-loading it on the site of the Works:				
	(a) Soil, gravel, crushed stone and pavement layer material	m³-km	30,000.00	R -	R -
Total Carried Forward To Summary					R

New Mashifane Park: Installation of Civil Engineering Services: Roads and Stormwater Network

Contract No: Contract "A2"

C3.1 DRAINS					
Item	Description	Unit	Quantity	Rate	Amount (R)
C3.1	DRAINS				
C3.1.1.1	Excavating all material situated within the following depth ranges below the surface level using conventional methods				
	(a) 0 m up to 1,5 m	m³	330.00	R -	R -
	(b) Exceeding 1,5 m and up to 3,0 m	m³	720.00	R -	R -
	(c) Etc, in increments of 1,5 m	m³		R -	Rate Only
C3.1.1.2	Extra over sub-item C3.1.1.1 for excavation in hard and boulder material, irrespective of depth	m³	600.00	R -	R -
C3.1.3	Clearing, shaping and disposal of accumulated sediment in existing lined open drains and systems				
C3.1.3.1	Using conventional methods (up to 1,5 m):				
	(a) Manholes and inlet and outlet structures	m³	300.00	R -	R -
	(b) Culvert barrels	m³	135.00	R -	Rate Only
	(c) Concrete or other lined side drains	m³	20.00	R -	R -
C3.1.4	Excavation for subsoil drainage systems:				
C3.1.4.1	Excavating in all material situated within the following depth ranges below surface level				
	(a) 0 m up to 1,5 m	m³	600.00	R -	R -
	(b) Exceeding 1,5 m and up to 3,0 m	m³	200.00	R -	R -
C3.1.4.4	Extra over sub-item C3.1.4.1 for excavation in hard and boulder material, irrespective of depth	m³	100.00	R -	R -
C3.1.5	Impermeable backfilling to subsoil drainage systems				
C3.1.5.1	Un-stabilised natural gravel obtained from approved sources on the site	m³	300.00	R -	R -
C3.1.5.3	Extra over items C3.1.5.1	m³			
C3.1.8	Natural permeable material in subsoil drainage systems (sand)				
C3.1.8.1	Natural sand obtained from approved sources	m³	300.00	R -	R -
C3.1.8.2	Natural sand from commercial sources	m³	125.00	R -	R -
C3.1.9	Pipes in subsoil drainage systems:				
C3.1.9.1	HDPE (i) 110 mm internal dia., slotted	m	700	R -	R -
C3.1.10	Polymer film sheeting or similar approved material, for lining subsoil drainage systems:				
C3.1.10.1	0,15 mm thick	m²	800	R -	R -
Total Carried Forward					R -

New Mashifani Park: Installation of Civil Engineering Services: Roads & Stormwater Network

Contract No:

Item	Description	Unit	Quantity	Rate		Amount (R)
Brought Forward						R -
C3.1.10.2	0,25 mm thick	m²	300	R	-	Rate Only
C3.1.13	Concrete outlet structures, manhole boxes, junction boxes and cleaning eyes for subsoil drainage systems:					
C3.1.13.1	Outlet structures	No.	4	R	-	R -
C3.1.13.2	Inspection boxes	No		R	-	Rate Only
C3.1.13.3	Junction boxes	No.	8	R	-	R -
C3.1.13.4	Cleaning eyes	No.	15	R	-	R -
C3.1.14	Concrete caps for subsoil drain pipes					
C3.1.14.1	Concrete caps	No.	15	R	-	R -
C3.1.16	Overhaul for material hauled in excess of 1,0 km free haul (normal overhaul)	m³-km	3,500.00	R	-	R -
C3.1.17	Backfilling existing eroded side drains	m³	200	R	-	R -
C3.1.18	Backfilling of drains with selected material compacted to 93 % of MDD prior to construction of concrete lining and/or stone pitched lining	m³	1800	R	-	R -
C3.1.22	Test flushing of pipe subsoil drains	No.		R	-	Rate Only
CARRIED TO SUMMARY						R -

New Mashifane Park: Installation of Civil Engineering Services: Roads and Stormwater Network

Contract No: Contract "A2"

C3.2 CULVERTS					
Item	Description	Unit	Quantity	Rate	Amount (R)
C3.2	CULVERTS				
C3.2.1.1	Excavating in all material situated within the following depth ranges below the surface level:				
(a)	0 m to 1,5 m	m³	2,100.00	R -	R -
(b)	Exceeding 1,5 m and up to 3,0 m	m³	11100.00	R -	R -
(c)	Exceeding 3,0m up to 4,0 m	m³	750.00	R -	R -
C3.2.1.4	Extra over sub-item C3.2.1.1 for excavation in hard or boulder material, irrespective of depth	m³	2500.00	R -	R -
C3.2.2	Backfilling:				
C3.2.2.1	Using the excavated material	m³	16450.00	R -	R -
C3.2.3	Concrete pipe culverts:				
C3.2.3.2	On Class B bedding:				
(a)	600mmØ 75D	m	1900.00	R -	R -
(b)	600mmØ 100D	m	1200.00	R -	R -
(c)	675mmØ 75D	m	120.00	R -	R -
(d)	675mmØ 100D	m	350.00	R -	R -
(e)	750mmØ 75D	m	155.00	R -	R -
(f)	750mmØ 100D	m	120.00	R -	R -
(g)	825mmØ 75D	m	110.00	R -	R -
(h)	825mmØ 100D	m	110.00	R -	R -
(i)	900mmØ 75D	m	80.00	R -	R -
(j)	900mmØ 100D	m	105.00	R -	R -
(k)	1050mmØ 75D	m	87.00	R -	R -
(l)	1050mmØ 100D	m	110.00	R -	R -
(m)	1200mmØ 75D	m	115.00	R -	R -
(n)	1200mmØ 100D	m	110.00	R -	R -
(o)	1350mmØ 75D	m	850.00	R -	R -
(p)	1350mmØ 100D	m	200.00	R -	R -
C3.2.3.5	Provision of skew ends of pipe culvert (600-1350mmØ)	No	20.00	R -	R -
C3.2.7	Cast in situ concrete and formwork:				
C3.2.7.1	In Class A bedding, screeds, concrete backfill and the encasing for pipes, including formwork, (25MPa)	m³	85	R -	R -
C3.2.7.2	In complete in situ floor slabs for rectangular culverts, manholes and catchpits including formwork, joints and Class U2 surface finish (25MPa) (installed at a standard depth of 1,0 m)	m³	110	R -	R -
C3.2.7.3	In walls, excluding formwork but including Class U2 surface finish (25MPa)	m³	110	R -	R -
C3.2.7.5	In inlet and outlet structures including kerbs, chutes and downpipes, skewed ends, catchpits, manholes, thrust and anchor blocks, excluding formwork but including Class U2 surfacing finish (25MPa)	m³	45	R -	R -
Total Carried Forward					R -

New Mashifani Park: Installation of Civil Engineering Services: Roads & Stormwater Network

Contract No:

Item	Description	Unit	Quantity	Rate	Amount (R)
Brought Forward					R -
C3.2.7.6	Formwork of concrete under items C3.2.7.3 to 5 above (U2)	m²	250	R -	R -
C3.2.8	Concrete backfill or encasement for culverts (19mm 20MPa)	m³	35	R -	R -
C3.2.10	Reinforcement:				
C3.2.10.1	Mild steel bars	Ton	2	R -	R -
C3.2.10.2	High-tensile steel bars	Ton	12	R -	R -
C3.2.10.3	Welded steel fabric	kg	8000	R -	R -
C3.2.15	Manholes and catch pits, with prefabricated elements				
C3.2.15.1	Prefabricated floors (installed at a standard depth of 1,5 m):				
(a)	600mmØ	No	135	R -	R -
(b)	750mmØ	No	25	R -	R -
(c)	900mmØ	No	25	R -	R -
C3.2.15.2	Prefabricated roofs:				
(a)	600mmØ	No	135	R -	R -
(b)	750mmØ	No	25	R -	R -
(c)	900mmØ	No	25	R -	R -
C3.2.15.3	Prefabricated walls				
(a)	600mmØ	m	135	R -	R -
(b)	750mmØ	m	25	R -	R -
(c)	900mmØ	m	25	R -	R -
C3.2.15.4	Extra over item C3.2.15.1 and C3.2.7.2 for variations in the depths of all types of concrete manholes with prefabricated wall combinations deeper than 1,0 m	m	215	R -	R -
C3.2.16	Brickwork (Engineering bricks):				
C3.2.16.2	230 mm thick	m²	85	R -	R -
C3.2.17	Plaster	m²	85	R -	R -
C3.2.18	Benching	m²	155	R -	R -
C3.2.19	Accessories:				
C3.2.19.2	Inlet grids or covers	No	24	R -	R -
C3.2.19.3	Manhole frames	No	24	R -	R -
C3.2.19.4	Manhole covers or gratings	No	15	R -	R -
C3.2.20	Anchors for pipes	No	40	R -	R -
C3.2.24	Compaction of bedding for inlets, outlets, manholes and catchpits:				
C3.2.24.1	Preparation and compaction of in situ bedding material to 93 % of MDD (200mm)	m³	85	R -	R -
CARRIED TO SUMMARY					R -

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C3.3 CONCRETE KERBING AND CHANNELLING

Item	Description	Unit	Quantity	Rate	Amount (R)
C3.3	CONCRETE KERBING AND CHANNELLING, ASPHALT BERMS, CHUTES, DOWNPIPES, AS WELL AS CONCRETE, STONE PITCHED AND GABION LININGS FOR OPEN DRAINS				
C3.3.1.1	Prefabricated kerbing-channelling				
	Figure 8c	m	10,200.00	R -	R -
	Figure 7	m	1055.00	R -	R -
	Figure 3	m	1455.00	R -	R -
	Figure 12	m	5350.00	R -	R -
	Cast in situ concrete channelling (300mm wide x 100mm thk)	m	6200.00	R -	R -
	Transition kerbing as per drawing	m	125.00	R -	R -
C3.3.3	Extra over items C3.3.1 for concrete kerbing or concrete kerbing and channelling on curves				
C3.3.3.1	On curves of radii more than or equal to 5,0 m but less than 20 m	m	125.00	R -	R -
C3.3.3.2	On curves with radii more than or equal to 1,0 m but less than 5,0 m	m		R -	Rate Only
C3.3.3.3	On curves with radii less than 1,0 m	m		R -	Rate Only
C3.3.15	Energy dissipaters in outlet structures				
C3.3.15.1	Precast concrete blocks in outlet structures	No	55.00	R -	R -
C3.3.15.2	Stones set in outlet structures	m ²	120.00	R -	R -
C3.3.16	Demolition and removal of existing kerbs and/or channel	m ³	105.00	R -	R -
CARRIED TO SUMMARY					R -

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C4.1 BORROW MATERIALS

Item	Description	Unit	Quantity	Rate	Amount (R)
C4.1	BORROW MATERIALS				
C4.1.2	Additional material investigations during the supplementary exploration:				
C4.1.2.1	Cost of additional trial pits and / or drilling and laboratory testing	prov sum	1.00	R -	R -
C4.1.2.2	Handling costs and profit in respect of item C4.1.2.1	%	-	0%	R -
C4.1.4	Removing of the overburden:				
C4.1.4.1	In borrow pits	m³	3,000.00	R -	R -
C4.1.5	Excavating of materials in the borrow pits and quarries, material obtained from:				
C4.1.5.1	Soft excavation	m³	6,200.00	R -	R -
C4.1.5.4	Hard excavation (other than by blasting)	m³	4,500.00	R -	R -
C4.1.5.5	Hard excavation (by blasting)	m³	-	R -	Rate Only
C4.1.15.2	Finishing of the borrow pit and quarry areas, and the stockpile sites using labour enhanced methods of construction:				
	(a) Borrow pits (list all borrow pits separately)	ha	3.00	R -	R -
Total Carried Forward To Summary					R -

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C4.2 CUT MATERIALS

Item	Description	Unit	Quantity	Rate	Amount (R)
C4.2	CUT MATERIALS				
C4.2.2	Additional material investigations during the supplementary exploration				
C4.2.2.1	Cost of additional trial pits and/or drilling and laboratory testing	Prov Sum	1.00	R 75,000.00	R 75,000.00
C4.2.2.2	Handling costs and profit in respect of item C4.2.2.1	%	75,000.00	0%	R -
C4.2.3	Excavating of materials in cuttings, material obtained from				
C4.2.3.1	Soft excavation	m³	7,000.00	R -	R -
C4.2.3.2	Boulder excavation class A	m³			Rate Only
C4.2.3.3	Boulder excavation class B	m³			Rate Only
C4.2.3.4	Hard excavation (other than by blasting)	m³	1,500.00	R -	R -
C4.2.3.5	Hard excavation (by blasting)	m³			Rate Only
C4.2.4	Excavating of materials in box cuts, material obtained from				
C4.2.4.1	Soft excavation	m³	38,400.00	R -	R -
C4.2.4.2	Boulder excavation class A	m³			Rate Only
C4.2.4.3	Boulder excavation class B	m³			Rate Only
C4.2.4.4	Hard excavation (other than by blasting)	m³	1,500.00	R -	R -
C4.2.4.5	Hard excavation (by blasting)	m³	800.00	R -	R -
C4.2.8	Excavate material to spoil in sites designated by the Contractor, material obtained from				
C4.2.8.1	Soft excavation, overburden and unsuitable material	m³	2,500.00	R -	R -
C4.2.8.2	Boulder excavation class A	m³			Rate Only
C4.2.8.3	Boulder excavation class B	m³			Rate Only
C4.2.8.4	Hard excavation (other than by blasting)	m³	1,200.00	R -	R -
Total Carried Forward To Summary					

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C4.4 COMMERCIAL MATERIALS

[illegible]

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C5.1 ROADBED

Item	Description	Unit	Quantity	Rate	Amount (R)
C5.1	ROADBED				
C5.1.1	Roadbed construction and compaction:				
C5.1.1.2	Compaction of in-situ sand roadbed to 93 % of MDD	m ³	3,750.00	R -	R -
C5.1.1.3	Compaction of imported material to 93 % of MDD	m ³	700.00	R -	R -
C5.1.2	Excavate material to spoil from roadbed construction:				
C5.1.2.1	Excavate material to spoil from roadbed construction, material obtained from:				
	(a) Soft excavation	m ³	1,000.00	R -	R -
	(d) Hard excavation	m ³	200.00	R -	R -
C5.1.4	Removal of unsuitable material to spoil:				
C5.1.4.1	In layer thicknesses of 200 mm and less:				
	(a) Stable material	m ³	1,000.00	R -	R -
	(b) Unstable material	m ³	1,200.00	R -	R -
C5.1.5	In-situ treatment of roadbed in hard material:				
C5.1.5.2	In-situ treatment by drilling and blasting	m ³	100.00	R -	R -
C5.1.6	Roller-pass compaction:				
C5.1.6.3	Smooth drum vibratory rollers	m ²	50,000.00	R -	R -
C5.1.12	Excavation for benches:				
C5.1.12.1	Excavation for benches:				
	(a) Side-cut to fill in soft material	m ³		R -	Rate Only
	(b) Side-cut to spoil in soft material	m ³		R -	Rate Only
C5.1.13	Construction of a levelling layer:				
C5.1.13.1	Over roadbed treatment in hard material compacted to 90 % MDD	m ³	-	R -	Rate Only
C5.1.13.2	Over a constructed pioneer layer compacted to 90 % MDD	m ³	-	R -	Rate Only
Total Carried Forward To Summary					R -

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C5.2 FILL LAYERS

Item	Description	Unit	Quantity	Rate	Amount (R)
	FILL LAYERS				
C5.2.2	FILL CONSTRUCTION				
C5.2.2.1	Normal fill material in compacted layer thicknesses of 200 mm and less:				
	(b) Compacted to 93 % of MDD	m³	8,000.00	R -	R -
C5.2.5	Fill in sidewalk				
C5.2.5.2	Fill material in sidewalk compacted to 93 % of MDD using labour enhanced methods of construction and light hand equipment.	m³	1,400.00	R -	R -
C5.2.11	Finishing-off fill slopes, medians and interchange areas				
C5.2.11.1	Fill slopes	m³	5,100.00	R -	R -
Total Carried Forward To Summary					R -

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C5.3 ROAD PAVEMENT LAYERS

Item	Description	Unit	Quantity	Rate	Amount (R)
	ROAD PAVEMENT LAYERS				
C5.3.2	Construction of pavement layers:				
C5.3.2.1	Construction of layers using conventional construction methods:				
	(a) Selected layer - G5 - (150mm thick) compacted to 95 % Mos Aashto Density - Sub Base	m³	6,000.00	R -	R -
	(b) Selected layer - G5- (150mm thick) Stabilised to C4 Lower Sub-Base	m³	5,800.00	R -	R -
	(c) Selected layer G5 (Stabilized) (150mm thick) To C3 Upper Sub-Base Layer	m³	3,650.00	R -	R -
	(d) Gravel Base layer G5 (Stabilized) (150mm thick) Stabilized to C4 Base layer	m³	3,400.00	R -	R -
C5.3.2.2	Construction of layers using labour enhancement:				
	(e) Gravel wearing course layer (layer thickness indicated) compacted to 95 % of MDD	m³	1,250.00	R -	R -
C5.3.9	Construction of a trial section:				
C5.3.9.1	Construction of a trial section using conventional methods of construction:				
	(a) Stabilised gravel layer (150mm thick) trial section	m³	180.00	R -	R -
	(c) Crushed stone base layer (150mm thick) trial section	m³	180.00	R -	R -
C5.3.12	Surface regularity payment adjustments	prov sum	1.00	R 100,000.00	R 100,000.00
Total Carried Forward To Summary					

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C5.4 STABILISATION

Item	Description	Unit	Quantity	Rate	Amount (R)
C5.4	STABILISATION				
C5.4.1	Pre-treatment of gravel layers:				
C5.4.1.1	Pre-treatment of (150mm thick) gravel layer	m ³	-	-	Rate Only
C5.4.2	Chemical Stabilization				
C5.4.2.1	Chemical stabilisation (150mm) of base layers	m ³	7,050.00	-	R -
	Chemical stabilisation (150mm) of subbase layers	m ³	11,800.00	-	R -
C5.4.5	Cementitious stabilisation agents for pavement layers:				
C5.4.5.2	Addition of cementitious stabilisation agents (specify agent separately) for pavement layers and spreading the agent using bags and labour enhancement methods:				
	(a) Cement (for base and subbase)	t	600.00	-	R -
	(b) And so forth for other agents (for pavement layers)	t	-	-	Rate Only
C5.4.10	Provision and application of water for curing	kℓ	700.00	-	R -
C5.4.14	Trial section for a stabilised layer	m ³	170.00	-	R -
Total Carried Forward To Summary					R -

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C6.2 SEGMENTAL BLOCK PAVING LAYERS

[illegible]

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C8.1 PRIME COAT

Item	Description	Unit	Quantity	Rate	Amount (R)
C8.1	PRIME COAT				
C8.1.1	Prime coat:				
C8.1.1.2	MC -30 cut-back bitumen	ℓ	13,000.00	-	R -
C8.1.1.3	Inverted bitumen emulsion	ℓ	-	-	Rate Only
C8.1.2	Aggregate for blinding:				
C8.1.2.2	Crusher sand	m³		-	Rate Only
C8.1.3	Extra over item C8.1.1 for applying the prime coat accessible only to hand-held or light equipment	ℓ	200.00	-	R -
Total Carried Forward To Summary					R -

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C9.1 ASPHALT LAYERS

Item	Description	Unit	Quantity	Rate	Amount (R)
C9.1	ASPHALT LAYERS				
C9.1.5.1	New construction:				
	(ii) (a) Stone skeletal mix – continuously graded as defined (30mm, 70/100 Penetration Grade Bitumen and design class / level)	m ²	19,000.00	R	R
C9.1.6	Extra over pay items C.9.1.4.1 and C.9.1.5.1 for placing small quantities of asphalt of less than 10 tons specially produced as specified in terms of Clause A9.1.7.1d)	t	10.00	R	R
C9.1.2	Construction of trial sections:				
C9.1.2.1	Asphalt layers - Continuously graded, 30mm thick, 50/70 Penetration Grade Bitumen, applied by paver	m ²	600.00	R	R
	Removal of trial section where so instructed by the Engineer	m ²	600.00	R	R
C9.1.3	Application of bond coat:				
C9.1.6	Extra over pay items C.9.1.4.1 and C.9.1.5.1 for placing small quantities of asphalt of less than 10 tons specially produced as specified in terms of Clause A9.1.7.1d)	t	50.00	R	R
Total Carried Forward To Summary					R

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Item	Description	Unit	Quantity	Rate	Amount (R)
C11.6	ROAD SIGNS				
C11.6.1	Road signboards with painted or coloured semi-matt background. Symbols, lettering and borders in semi- matt black or in Class I retro-reflective 'material, where the sign board is constructed from:				
C11.6.1.1	Aluminium sheet (2,0 mm thick)				
	(b) Area exceeding 0,5m² but not 2 m²	No.	50.00	-	R -
C11.6.1.3	Prepainted galvanized steel plate (chromadeck or approved equivalent)				
	(b) Area exceeding 0,5m² but not 2 m²	No.	50.00	-	R -
C11.6.6	Dismantling, storing and re-erecting road signs with a surface area of:				
C11.6.6.3	Area exceeding 2 m² but not 10 m²	No.	-	-	Rate Only
C11.6.6.4	Exceeding 10 m²	No.	1.00	-	Rate Only
C11.6.8	Danger plates at culverts/structures				
C11.6.8.1	Size 150 x 600mm	No.	40.00	-	R -
CARRIED TO SUMMARY					R -

Contract No: Contract "A2"

[illegible]

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C11.9 FINISHING THE ROAD AND RESERVE AND TREATING OLD ROADS

[illegible]

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G1000 GUIDELINES FOR SUBCONTRACTING AND LABOUR ENHANCEMENT

Item	Description	Unit	Quantity	Rate	Amount (R)
G1000	GUIDELINES FOR SUBCONTRACTING AND LABOUR ENHANCEMENT				
G10.01	Project Liaison Committee costs	Prov sum	1.00	R 100,000.00	R 100,000.00
	(a) Handling cost and profit in respect of Item G10.01 above	%	100,000.00		R -
G10.02	Community Liaison Officer salary	month	12.00	R -	R -
	(a) Handling cost and profit in respect of Item G10.02 above	%	-	0%	R -
G10.03	Training:				
	(a) General training of potential ABE™s	Prov sum	1.00	R 150,000.00	R 150,000.00
	(b) Training of the temporary workforce:				
	(i) Technical training	Prov sum	1.00	R 450,000.00	R 450,000.00
	(ii) HIV/ AIDS training	Prov sum	1.00	R 50,000.00	R 50,000.00
	(iii) OHS Training	Prov sum	1.00	R 50,000.00	R 50,000.00
	(c) Handling cost and profit in respect of Items G10.03 (a) (b) (i) (ii) (iii)	%	700,000.00	0%	R -
G10.05	Provision and maintenance of the ABE support office	month	12.00	R -	R -
G10.06	Penalties				
	(Refer to Part C3.7 : Guidelines for subcontracting and labour enhancement for the calculation of penalties)				
	(a) Contract participation goals for subcontracting to Affirmable Business Enterprise (ABE) / Targeted Enterprise (CIDB 1CE PE - CIDB 5CE PE) 15%	%	-	R -	R -
	(b) Targeted Labour (8%)	%	-	R -	R -
Total Carried Forward To Summary					