

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)
TENDER No.: T07 OF 2024/25

SECTION A: PRELIMINARY AND GENERAL

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY		AMOUNT
A1		SECTION A: PRELIMINARY AND GENERAL				
A1.1	SANS 1200 A	SCHEDULED FIXED-CHARGE AND VALUE-RELATED ITEMS				
A1.1.1	PSA 8.3.1	Contractual requirements	sum	1,0		
A1.1.2	8.3.2	Establishment of Facilities on the Site				
	8.3.2.1	Facilities for Engineer(Spec PSAB 3.2 & PSAB 5.2)				
A1.1.2.1		a) Furnished offices (1 No.)	sum	1,0		
A1.1.2.2		c) Nameboard	No	2,0		
A1.1.3	8.3.2.2	Facilities for Contractor				
A1.1.3.1		a) Offices and storage sheds	sum	1,0		
A1.1.3.2		b) Workshops	sum	1,0		
A1.1.3.3		c) Laboratories	sum	1,0		
A1.1.3.4		d) Living accommodation	sum	1,0		
A1.1.3.5		e) Ablution and latrine facilities	sum	1,0		
A1.1.3.6		f) Tools and equipment	sum	1,0		
A1.1.3.7		g) Water supplies, electric power and communications	sum	1,0		
A1.1.3.8		h) Dealing with water (see 5.5)	sum	1,0		
A1.1.3.9		i) Access (see 5.8)	sum	1,0		
A1.1.4	8.3.3	Other Fixed-charge Obligations	sum	1,0		
A1.1.5	8.3.4	Removal of Site Establishment	sum	1,0		
A1.2	8.4	SCHEDULED TIME-RELATED ITEMS				
A1.2.1	8.4.1	Contractual Requirements	sum	1,0		
A1.2.2	8.4.2	Operation and Maintenance of Facilities on Site, for Duration of Construction, except where otherwise stated				
A1.2.2.1	8.4.2.1	Facilities for Engineer(Spec PSAB 3.2 & PSAB 5.2)				
A1.2.2.1.1		a) Furnished offices (1 No.)	sum	1,0		
A1.2.2.2	8.4.2.2	Facilities for Contractor				
A1.2.2.2.1		a) Offices and storage sheds	sum	1,0		
A1.2.2.2.2		b) Workshops	sum	1,0		
A1.2.2.2.3		c) Laboratories	sum	1,0		
A1.2.2.2.4		d) Living accommodation	sum	1,0		
A1.2.2.3.5		e) Ablution and latrine facilities	sum	1,0		
Section A Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)
TENDER No.: T07 OF 2024/25

SECTION A: PRELIMINARY AND GENERAL

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY		AMOUNT
Section A Brought forward						
A1.2.2.3.6		f) Tools and equipment	sum	1,0		
A1.2.2.3.7		g) Water supplies, electric power and communications	sum	1,0		
A1.2.2.3.8		h) Dealing with water (see 5.5)	sum	1,0		
A1.2.2.3.9		i) Access (see 5.8)	sum	1,0		
A1.2.3	8.4.3	Supervision for Duration of Construction	sum	1,0		
A1.2.4	8.4.4	Company and Head Office Overhead Costs for the Duration of the Contract	sum	1,0		
A1.2.5	8.4.5	Other Time-related Obligations	sum	1,0		
A1.2.6	PSA 8.4.6	Compliance with OH&S Act and Construction Regulations	sum	1,0		
A1.2.7	PSA 8.4.7	Security	sum	1,0		
A1.2.8	PSA 8.4.8	Monthly reporting (Employer and EPWP)	sum	1,0		
A1.2.9	PSA 8.4.9	Attendance on Targeted Enterprise subcontractors	sum	1,0		
A1.3	PSA 8.5	SUMS STATED PROVISIONALLY BY ENGINEER (See 8.1.2.1(d))				
A1.3.1		(c) EME Subcontract Works				
A1.3.1.1		(1) Targeted Enterprise assistnace(to be used at the discretion of the Employer)	Sum	1,0	600 000,00	R 600 000,00
A1.3.1.2		(2) Overheads, charges and profit on amounts actually paid for (1) above	%	600 000,0		
A1.3.1.3		(3) CPG Bonus	Sum	1,0	120 000,00	R 120 000,00
A1.3.2		(d) Community Liaison Officer (CLO)	Prov sum			
A1.3.2.1		(1) CLO's monthly salary	sum	1,0	260 000,00	R 260 000,00
A1.3.2.2		(2) Overheads, charges and profit on amounts actually paid for (1) above	%	260 000,0		
A1.3.3		(e) Acceptance Control Testing	Prov sum			
A1.3.3.1		(1) For acceptance control testing	sum	1,0	60 000,00	R 60 000,00
A1.3.3.2		(2) Overheads, charges and profit on amounts	%	60 000,0		
A1.4	8,7	DAYWORK (See 8.1.2.1(d))				
A1.4.1		Labour				
A1.4.1.1		General Worker / Unskilled Labourer	h	60,0		
A1.4.1.2		Semi-skilled Labourer	h	20,0		
A1.4.1.3		Artisan / Skilled Labourer	h	20,0		
Section A Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)
TENDER No.: T07 OF 2024/25

SECTION A: PRELIMINARY AND GENERAL

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY		AMOUNT
Section A Brought forward						
A1.4.1.4		Gang Leader / Supervisor	h	20,0		
A1.4.1.5		Construction Foreman	h	20,0		
A1.4.1.6		Surveyor (incl. survey equipment)	h	20,0		
A1.4.1.7		Surveyor's Assistant	h	20,0		
A1.4.2	8,7	Materials	Prov			
A1.4.2.1		Net cost of goods or materials	sum	1,0	30 000,00 R	30 000,00
A1.4.2.2		Percentage adjustment on sums actually paid under Item	%	30 000,0		
A1.4.3	8,7	Plant				
A1.4.3.1		Excavators, 20 ton (95 kW)	h	20,0		
A1.4.3.2		Loaders	h	20,0		
A1.4.3.3		Graders (112 kW)	h	20,0		
A1.4.3.4		Vibratory rollers (10 ton)	h	20,0		
A1.4.3.5		Pneumatic tyre rollers (20 ton)	h	20,0		
A1.4.3.6		Tipper trucks (10m³)	h	20,0		
A1.4.3.7		Tipper trucks (6m³)	h	20,0		
A1.4.3.8		Watercarts (10m³)	h	20,0		
A1.4.3.9		TLBs (minimum bucket dig force 55kN and minimum loading bucket breakout force 45kN)	h	20,0		
A1.4.3.10		Double drum vibratory pedestrian rollers (750mm minimum working width)	h	20,0		
A1.5	8,8	TEMPORARY WORKS (See 8.1.2.1 (d))				
	8.8.2	Dealing with Traffic (or accommodation of traffic)				
A1.5.1		(1) Gijima 1 Street	Sum	1,0		
A1.5.2		(2) Gijima 2 Street	Sum	1,0		
A1.5.3		(3) Nkandla Street	Sum	1,0		
A1.5.4		(4) Nyibiba Street	Sum	1,0		
A1.5.5		(5) Rhobololo 1 Street	Sum	1,0		
A1.5.5		(6) Rhobololo 2 Street	Sum	1,0		
A1.5.5		(7) Skhephu 1 Street	Sum	1,0		
A1.5.5		(8) Skhephu 2 Street	Sum	1,0		
A1.5.5		(9)Tshona Street	Sum	1,0		
TOTAL SCHEDULE A:						
Carried Forward to Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

TSHONASTREET

SECTION B1: SITE CLEARANCE

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
B1		SECTION B1: SITE CLEARANCE				
B1.1	SANS 1200C	SITE CLEARANCE				
B1.1.1	8.2.1	Clear and grub	ha	0,4		
B1.1.2	8.2.2	Remove and grub large trees and tree stumps of girth				
B1.1.2.1		a) over 1m and up to and including 2m	No.	1,0		
B1.1.3	8.2.5	Take down existing fences	km	0,08		
B1.1.4	8.2.7	Dismantle and remove pipelines, electricity transmission lines, cables, etc.				
B1.1.4.1		a) Watermains up to 50mm diameter	m	1,0		
B1.1.4.2		c) Electrical cables (erf connections)	m	1,0		
B1.1.5	8.2.10	Remove topsoil to nominal depth of 150mm and stockpile	m³	600,0		
B1.1.6	PSA 8.4.8	Neatly saw-cut existing asphalt / bituminous surfacing up to 30mm depth	m	10,0		
B1.1.7	PSA 8.4.8	Neatly saw-cut existing concrete pavers in-situ	m	10,0		
B1.1.8	PSA 8.4.8	Demolish and remove asphalt / bituminous surfacing to designated spoil site	m²	5,0		
B1.1.9	PSA 8.4.8	Demolish and remove existing pavers and sand to designated spoil site	m²	5,0		
B1.1.10	PSA 8.4.8	Demolish and remove existing concrete kerbing to designated spoil site	m	10,0		
B1.1.11	PSA 8.4.8	Demolish and remove existing concrete v-drains to designated spoil site	m³	5,0		
B1.2	SANS 1200D	EARTHWORKS				
	8.3.8.1c	Locate and excavate by hand in soft material to expose in narrow slots perpendicular to the road, the following services:				
B1.2.1		Watermains up to 200 mm in diameter (Provisional)	m³	5,0		
B1.2.2		Telecommunication cables (incl. fibre)	m³	1,0		
B1.2.3		Electrical cables	m³	1,0		
B1.2.4		Stormwater pipes up to 375mm diameter	m³	5,0		
B1.2.5		Stormwater pipes greater than 375mm and up to 600mm diameter	m³	5,0		
TOTAL SECTION B1 : Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

TSHONA STREET

SECTION B2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
B2		SECTION B2: ROADWORKS				
B2.1	SANS 1200DM	EARTHWORKS				
B2.1.1	8.3.3	Treatment of road-bed				
B2.1.1.1		a) Road-bed preparation and compaction of material to				
B2.1.1.1.1		1) minimum of 90% modified AASHTO maximum density	m³	5,0		
B2.1.1.1.2		2) minimum of 93% modified AASHTO maximum density	m³	300,0		
B2.1.1.1.3		3) minimum of 100% modified AASHTO maximum density (sand)	m³	5,0		
B2.1.1.2		b) In-place treatment of road-bed in intermediate or hard rock material by				
B2.1.1.2.1		1) ripping	m³	50,0		
B2.1.2	8.3.4	Cut to fill, borrow to fill				
B2.1.2.1		a) Compact to 93% of modified AASHTO maximum density	m³	300,0		
B2.1.2.2		b) Rockfill, process, and compact	m³	50,0		
B2.1.4	PSDM 8.3.17	Construct G9 lower selected layer with material from commercial sources compacted to 93% MOD. AASHTO	m³	10,0		
B2.1.5	PSDM 8.3.18	Construct G9 upper selected layer with material from commercial sources compacted to 95% MOD. AASHTO	m³	300,0		
B2.1.6	8.3.6	Extra-over items 8.3.4 and 8.3.5 for excavating and breaking down material in				
B2.1.6.1		a) Intermediate excavation	m³	50,0		
B2.1.6.2		b) Hard excavation	m³	10,0		
B2.1.7	8.3.7	Cut to spoil or stockpile from				
B2.1.7.1		a) Soft excavation	m³	1 750,0		
B2.1.7.2		b) Intermediate excavation	m³	175,0		
B2.1.7.3		c) Hard excavation	m³	10,0		
B2.1.8	8.3.8	Removal of oversize material	m³	5,0		
B2.1.9	8.3.7	Unsuitable material cut to designated spoil site	m³	10,0		
Section B2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

TSHONA STREET

SECTION B2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section B2 Brought forward						
B2.1.10	PSA 8.4.8	Construct pioneer layer using material from commercial sources (Provisional)	m³	10,0		
B2.1.11	8.3.9	Overbreak of excavation in				
B2.1.11.1		a) Intermediate excavation	m³	5,0		
B2.1.11.2		b) Hard excavation	m³	1,0		
B2.1.12	8.3.10	Materials bladed to windrow	m³	5,0		
B2.1.13	8.3.11	Extra-over items 8.3.2, 8.3.4 or 8.3.5 for temporary stockpiling of materials	m³	10,0		
B2.1.14	8.3.12	Overhaul	m³.km	4 000,0		
B2.1.15	8.3.13	Surface finishes				
B2.1.15.1		a) Topsoiling	m³	60,0		
B2.1.15.2		b) Grassing or other cover	m²	1 130,0		
B2.1.15.3	8.3.15	Catchwater mounds and channels and mitre banks and channels	m³	5,0		
B2.1.16	PSDM 8.3.13	Trimming and grading of verges	m²	1 130,0		
B2.2	SABS 1200ME	SUBBASE				
B2.2.1	8.3.3	Construct the subbase course with material from commercial sources				
B2.2.1.1		(3) C4 material compacted to 97% modified AASHTO (stabilising agent measured elsewhere)	m³	230,0		
B2.2.2	8.3.5(d)	Process subbase material by the following processes, as relevant, and use in the subbase				
B2.2.2.1		d) Stabilization	m³	230,0		
B2.2.3	8.3.8	Stabilising agent				
B2.2.3.1		a) Road lime	t	1,0		
B2.2.3.2		b) Portland cement	t	3,0		
B2.3	SABS 1200MJ	SEGMENTED PAVING				
B2.3.1	8.2.2	Construction of Paving Complete				
B2.3.1.1		(1) 60mm Type A interlocking precast concrete paving in herringbone pattern on 20mm sand	m²	1 680,0		
B2.3.2	8.2.3	Cutting Units to Fit Edge Restraints	m	1 130,0		
B2.3.3	8.2.4	Rolling to Locked-up Condition as Specified in 5.6.2 (Provisional)	m²	1 680,0		
B2.3.4	8.2.5	Trial Section, not Part of Permanent Works (size stated)	m²	50,0		
Section B2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

TSHONA STREET

SECTION B2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section B2 Brought forward						
B2.4	SABS	KERBING AND CHANNELING				
B2.4.1	1200MK	Concrete Kerbing (Grade of concrete for cast-in-situ concrete and type and figure or drawing number stated)				
B2.4.1	8.2.1	(1) Precast rectangular kerb (Fig.10) on screed and 20MPa continuous backing concrete				
B2.4.1.1		a) Exceeding 4m radius up to 20m radius	m	10,0		
B2.4.1.2		b) Exceeding 20m radius (including straight)	m	1 130,0		
B2.4.2	8.2.4	Depressed Kerbs	m	5,0		
B2.5		ROAD SIGNS				
B2.5.1	8.3.1	Sign faces with Painted or Galvanized (as Stated) Background, with Painted Symbols, Characters, Legend, and Borders, and with Signboards Constructed from				
B2.5.1.1		a) Aluminium sheet (2,0 mm thick), of area				
		Over and Up to				
B2.5.1.1.1		1) - 2 m²	m²	1,0		
B2.5.2	8.3.2	Provision and Application of Retro-reflective Material				
B2.5.2.1		a) Engineering grade retro-reflective background, characters, symbols, legened, and borders	m²	1,0		
B2.5.2.2		c) High intensity grade characters, symbols, legend, and borders and engineering grade retro-reflective background	m²	0,05		
B2.5.3	8.3.3	Sign Supports				
B2.5.3.1		b) Steel tubing (protective treatment, if any, stated)				
B2.5.3.1.1		(1) Hot-dipped galvanized	No.	25,0		
B2.5.3.2		c) Timber (diameter and type indicated) complying with				
B2.5.3.2.1		(1) 75mm nominal diameter	m	3,0		
B2.5.3.2.2		(2) 100mm nominal diameter	m	3,0		
Section B2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

TSHONA STREET

SECTION B2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section B2 Brought forward						
B2.5.4	8.3.4	Excavation and Backfilling and Concreting (if any) for Sign Supports (material to be used for backfill stated)				
B2.5.4.1		(1) Soilcrete backfill	m³	0,2		
B2.5.5	8.3.6	Statutory Signs, Street Names, and the Like, Supplied and Erected Complete				
		Signs as detailed in the latest edition of the SADC Road Traffic Signs Manual				
B2.5.5.1		(1) R1 "Stop" (610mm width)	No.	2,0		
B2.5.5.2		(2) R2 "Yield" (600mm)	No.	1,0		
B2.5.5.2		(3) W332 "Speed hump Warning Signs"	No.	6,0		
B2.5.5.2		(4) W401 "Hazard markers"	No.	6,0		
B2.5.5.2		(5) W402 "Hazard markers"	No.	6,0		
B2.5.6	8.3.7	Dismantling and Re-erection of Roads Signs having				
B2.5.6.1		Over and Up to 1) - 2 m²	No.	1,0		
B2.6		ROAD MARKINGS				
B2.6.1	8.4.1	Non-reflectorized Paint Applied at Nominal Rate of 0,42 l/m² (or Proprietary Brand Road-Marking Material (Nominal Rate of Application and Particulars Stated), as Scheduled				
		Retroreflective solvent based road marking paint applied at a nominal rate of 0,42 l/m²				
B2.6.1.1		a) White lines (broken or unbroken)(width of line indicated)				
B2.6.1.1.1		(1) 100mm wide	km	0,001		
B2.6.1.1.2		(2) 300mm wide	km	0,001		
B2.6.1.2		b) Yellow lines (broken or unbroken)(width of line indicated)				
B2.6.1.2.1		(1) 100mm wide	km	0,001		
B2.6.1.3		c) White characters and symbols	m²	20,0		
B2.6.2	8.4.2	Variation in Rate of Application from that Stated in Item 8.4.1				
B2.6.2.1		a) White paint	ℓ	2,0		
B2.6.2.2		b) Yellow paint	ℓ	2,0		
B2.6.2.3		c) Glass beads	kg	1,0		
B2.6.2.4		d) Proprietary brand road-marking material	ℓ	2,0		
Section B2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

TSHONA STREET

SECTION B2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section B2 Carried forward/....						
B2.6.3	8.4.4	Setting out and Premarking				
B2.6.3.1		a) Lines (excluding traffic island markings, characters, and symbols)	km	0,001		
B2.7	SABS 1200GA	CONCRETE (SMALL WORKS)				
B2.7.1		SPEEDHUMPS				
		Scheduled Formwork Items				
B2.7.1.1	8.2.1	Rough (Sides for Speedhump on Typical Details S114-rev2)	m²	15		
		Schedule Reinforcement Items				
B2.7.1.2	8.3.2	High-Tensile Welded Mesh (Mesh Ref 193)	m²	30,0		
		Schedule Concrete Items				
B2.7.1.3	8.4.1	Prescribed Mix Concrete (Concrete Grade 30/19)	m³	10,0		
		Unformed Surface Finishes				
B2.7.1.4	8.4.4	b) Steel-floated finish	m²	30,0		
TOTAL SECTION B2 :						
Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

TSHONA STREET

SECTION B3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
B3		SECTION B3: STORMWATER				
B3.1	SANS 1200DB	EARTHWORKS (PIPE TRENCHES)				
B3.1.1	8.3.2	a) Excavate in all materials for trenches, backfill, compact and dispose of surplus material	m³	5,0		
B3.1.1.1						
B3.1.1.2		b) Extra-over item (a) above for:				
B3.1.1.2.1		1) Intermediate excavation	m³	1,0		
B3.1.1.2.2		2) Hard rock excavation	m³	1,0		
B3.1.1.3		c) Excavate and dispose of unsuitable material from	m³	1,0		
B3.1.2	8.3.3 PSDB	Make up deficiency in backfill material (provisional)				
B3.1.2.1	8.3.3.1	a) from necessary excavations on site	m³	1,0		
B3.1.3	8.3.3.3	Compaction in road reserves	m³	5,0		
B3.1.4	8.3.3.4	Overhaul				
B3.1.4.1		a) Limited overhaul	m³	10,0		
B3.1.5	8.3.5	Existing Services that Intersect or Adjoin a Pipe Trench				
B3.1.5.1		a) Services that intersect a trench (angles between centre-lines in plan of 45-90°)				
B3.1.5.1.1		1) Water erf connections	No.	1,0		
B3.1.5.1.2		2) Electrical cable erf connectios	No.	1,0		
B3.1.5.2		b) Services that adjoin a trench				
B3.1.5.2.1		1) Water erf connections	m	1,0		
B3.1.5.2.2		2) Electrical cable erf connectios	m	1,0		
B3.1.6	8.3.6	Finishing				
B3.1.6.1	8.3.6.1	Reinstate road surfaces complete with all courses				
B3.1.6.1.1		e) 60mm Concrete paving bricks / blocks	m²	5,0		
B3.2	SABS 1200LB	BEDDING (PIPES)				
B3.2.1	8.2.1	Provision of Bedding from Trench Excavation				
B3.2.1.1		a) Selected granular material	m³	1,0		
B3.2.1.2		b) Selected fill material	m³	1,0		
Section B3 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

TSHONA STREET

SECTION B3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section B3 Brought forward						
B3.2.2	8.2.2	Supply only of Bedding by Importation				
B3.3	SABS 1200LE	STORMWATER DRAINAGE				
B3.3.1	8.2.1	Supply and Lay Concrete Pipe Culverts on Class B bedding (type, class, and nominal diameter of pipes, and special jointing)				
B3.3.1.1		(1) Class 100D, 450mm diameter	m	5,0		
B3.3.2	8.2.8	Supply and Install Manholes, Catchpits, and the Like				
B3.3.2.1		a) Manholes as per Drawing 8040-001-RCS-504	No.	1,0		
B3.3.2.2		b) Catchpits as per Drawing 8040-001-RCS-504	No.	1,0		
B3.3.2.3		c) Extra over or under item (a) above for variation in depth of manholes from the standard depth designated for purposes of tendering (standard depth and type of manhole stated)	m	1,0		
B3.4	SABS 1200DK	GABIONS AND PITCHING				
B3.4.1	8.2.1	Surface preparation fro bedding of gabions				
B3.4.1.1		a) Cavities filled with approved excavated material or rock	m²	1,0		
B3.4.1.2		b) Cavities filled with grade 15 concrete (provisional)	m²	1,0		
B3.4.2	8.2.2	Gabions				
B3.4.2.1		1) 1m x 1m x 1m	m³	1,0		
B3.4.3	8.2.4	Geotextile (or geomembrane)	m²	1,0		
B3.4.4	8.2.5	Pitching				
B3.4.4.1		1) Grouted pitching on slopes up to 5%	m²	1,0		
B3.4.4.2		2) Grouted pitching on slopes exceeding 5% and up to	m²	1,0		
B3.4.4.3		3) Grouted pitching on slopes exceeding 10%	m²	1,0		
TOTAL SECTION B3 :						
Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)
TENDER No.: T07 OF 2024/25

TSHONA STREET

SECTION	DESCRIPTION	AMOUNT
Section B1	Site Clearance	
Section B2	Roadworks	
Section B3	Stormwater	
SUB-TOTAL SCHEDULE C CARRIED FORWARD TO PRICING SCHEDULE SUMMARY		

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

GIJIMA 1 STREET

SECTION C1: SITE CLEARANCE

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C1		SECTION C1: SITE CLEARANCE				
C1.1	SANS 1200C	SITE CLEARANCE				
C1.1.1	8.2.1	Clear and grub	ha	0,1		
C1.1.2	8.2.2	Remove and grub large trees and tree stumps of girth				
C1.1.2.1		a) over 1m and up to and including 2m	No.	1,0		
C1.1.3	8.2.5	Take down existing fences	km	0,05		
C1.1.4	8.2.7	Dismantle and remove pipelines, electricity transmission lines, cables, etc.				
C1.1.4.1		a) Watermains up to 50mm diameter	m	10,0		
C1.1.4.2		c) Electrical cables (erf connections)	m	5,0		
C1.1.5	8.2.10	Remove topsoil to nominal depth of 150mm and stockpile	m³	100,0		
C1.1.6	PSA 8.4.8	Neatly saw-cut existing asphalt / bituminous surfacing up to 30mm depth	m	10,0		
C1.1.7	PSA 8.4.8	Neatly saw-cut existing concrete pavers in-situ	m	10,0		
C1.1.8	PSA 8.4.8	Demolish and remove asphalt / bituminous surfacing to designated spoil site	m²	5,0		
C1.1.9	PSA 8.4.8	Demolish and remove existing pavers and sand to designated spoil site	m²	5,0		
C1.1.10	PSA 8.4.8	Demolish and remove existing concrete kerbing to designated spoil site	m	10,0		
C1.1.11	PSA 8.4.8	Demolish and remove existing concrete v-drains to designated spoil site	m³	5,0		
C1.2	SANS 1200D	EARTHWORKS				
	8.3.8.1c	Locate and excavate by hand in soft material to expose in narrow slots perpendicular to the road, the following services:				
C1.2.1		Watermains up to 200 mm in diameter (Provisional)	m³	5,0		
C1.2.2		Telecommunication cables (incl. fibre)	m³	1,0		
C1.2.3		Electrical cables	m³	1,0		
C1.2.4		Stormwater pipes up to 375mm diameter	m³	5,0		
C1.2.5		Stormwater pipes greater than 375mm and up to 600mm diameter	m³	5,5		
TOTAL SECTION C1 : Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

GIJIMA 1 STREET

SECTION C2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C2		SECTION C2: ROADWORKS				
C2.1	SANS 1200DM	EARTHWORKS				
C2.1.1	8.3.3	Treatment of road-bed				
C2.1.1.1		a) Road-bed preparation and compaction of material to				
C2.1.1.1.1		1) minimum of 90% modified AASHTO maximum density	m³	5,0		
C2.1.1.1.2		2) minimum of 93% modified AASHTO maximum density	m³	70,0		
C2.1.1.1.3		3) minimum of 100% modified AASHTO maximum density (sand)	m³	5,0		
C2.1.1.2		b) In-place treatment of road-bed in intermediate or hard rock material by				
C2.1.1.2.1		1) ripping	m³	50,0		
C2.1.2	8.3.4	Cut to fill, borrow to fill				
C2.1.2.1		a) Compact to 93% of modified AASHTO maximum density	m³	70,0		
C2.1.2.2		b) Rockfill, process, and compact	m³	50,0		
C2.1.4	PSDM 8.3.17	Construct G9 lower selected layer with material from commercial sources compacted to 93% MOD. AASHTO	m³	5,0		
C2.1.5	PSDM 8.3.18	Construct G9 upper selected layer with material from commercial sources compacted to 95% MOD. AASHTO	m³	40,0		
C2.1.6	8.3.6	Extra-over items 8.3.4 and 8.3.5 for excavating and breaking down material in				
C2.1.6.1		a) Intermediate excavation	m³	50,0		
C2.1.6.2		b) Hard excavation	m³	10,0		
C2.1.7	8.3.7	Cut to spoil or stockpile from				
C2.1.7.1		a) Soft excavation	m³	270,0		
C2.1.7.2		b) Intermediate excavation	m³	27,0		
C2.1.7.3		c) Hard excavation	m³	15,0		
C2.1.8	8.3.8	Removal of oversize material	m³	5,0		
Section C2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

GIJIMA 1 STREET

SECTION C2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section C2 Brought forward						
C2.1.9	8.3.7	Unsuitable material cut to designated spoil site	m³	10,0		
C2.1.10	PSA 8.4.8	Construct pioneer layer using material from commercial sources (Provisional)	m³	10,0		
C2.1.11	8.3.9	Overbreak of excavation in				
C2.1.11.1		a) Intermediate excavation	m³	5,0		
C2.1.11.2		b) Hard excavation	m³	1,0		
C2.1.12	8.3.10	Materials bladed to windrow	m³	5,0		
C2.1.13	8.3.11	Extra-over items 8.3.2, 8.3.4 or 8.3.5 for temporary stockpiling of materials	m³	10,0		
C2.1.14	8.3.12	Overhaul	m³.km	4 000,0		
C2.1.15	8.3.13	Surface finishes				
C2.1.15.1		a) Topsoiling	m³	30,0		
C2.1.15.2		b) Grassing or other cover	m²	170,0		
C2.1.15.3	8.3.15	Catchwater mounds and channels and mitre banks and channels	m³	5,0		
C2.1.16	PSDM 8.3.13	Trimming and grading of verges	m²	170,0		
C2.2	SABS 1200ME	SUBBASE				
C2.2.1	8.3.3	Construct the subbase course with material from commercial sources				
C2.2.1.3		(3) C4 material compacted to 97% modified AASHTO (stabilising agent measured elsewhere)	m³	40,0		
C2.2.2	8.3.5(d)	Process subbase material by the following processes, as relevant, and use in the subbase				
C2.2.2.1		d) Stabilization	m³	40,0		
C2.2.3	8.3.8	Stabilising agent				
C2.2.3.1		a) Road lime	t	1,0		
C2.2.3.2		b) Portland cement	t	2,0		
C2.3	SABS 1200MJ	SEGMENTED PAVING				
C2.3.1	8.2.2	Construction of Paving Complete				
C2.3.1.1		(1) 60mm Type A interlocking precast concrete paving in herringbone pattern on 20mm sand	m²	265,0		
C2.3.2	8.2.3	Cutting Units to Fit Edge Restraints	m	170,0		
C2.3.3	8.2.4	Rolling to Locked-up Condition as Specified in 5.6.2 (Provisional)	m²	265,0		
C2.3.4	8.2.5	Trial Section, not Part of Permanent Works (size stated)	m²	50,0		
Section C2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

GIJIMA 1 STREET

SECTION C2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section C2 Brought forward						
C2.4	SABS	KERBING AND CHANNELING				
C2.4.1	1200MK	Concrete Kerbing (Grade of concrete for cast-in-situ concrete and type and figure or drawing number stated)				
C2.4.1.1	8.2.1	(1) Precast rectangular kerb (Fig.10) on screed and 20MPa continuous backing concrete				
C2.4.1.1.1		a) Exceeding 4m radius up to 20m radius	m	10,0		
C2.4.1.1.2		b) Exceeding 20m radius (including straight)	m	170,0		
C2.4.2	8.2.4	Depressed Kerbs	m	5,0		
C2.5		ROAD SIGNS				
C2.5.1	8.3.1	Sign faces with Painted or Galvanized (as Stated) Background, with Painted Symbols, Characters, Legend, and Borders, and with Signboards Constructed from				
C2.5.1.1		a) Aluminium sheet (2,0 mm thick), of area				
		Over and Up to				
C2.5.1.1.1		1) - 2 m²	m²	1,0		
C2.5.2	8.3.2	Provision and Application of Retro-reflective Material				
C2.5.2.1		a) Engineering grade retro-reflective background, characters, symbols, legened, and borders	m²	1,0		
C2.5.2.1		c) High intensity grade characters, symbols, legened, and borders and engineering grade retro-reflective background	m²	0,05		
C2.5.3	8.3.3	Sign Supports				
C2.5.3.1		b) Steel tubing (protective treatment, if any, stated)				
C2.5.3.1.1		(1) Hot-dipped galvanized	No.	10,0		
Section C2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

GIJIMA 1 STREET

SECTION C2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section C2 Brought forward						
C2.5.3.2		c) Timber (diameter and type indicated) complying with				
C2.5.3.2.1		(1) 75mm nominal diameter	m	3,0		
C2.5.3.2.2		(2) 100mm nominal diameter	m	3,0		
C2.5.4	8.3.4	Excavation and Backfilling and Concreting (if any) for Sign Supports (material to be used for backfil stated)				
C2.5.4.1		(1) Soilcrete backfill	m³	0,2		
C2.5.5	8.3.6	Statutory Signs, Street Names, and the Like, Supplied and Erected Complete				
		Signs as detailed in the latest edition of the SADC Road Traffic Signs Manual				
C2.5.5.1		(1) R1 "Stop" (610mm width)	No.	2,0		
C2.5.5.2		(2) R2 "Yield" (600mm)	No.	1,0		
C2.5.5.2		(3) W332 "Speed hump Warning Signs"	No.	2,0		
C2.5.5.2		(4) W401 "Hazard markers"	No.	2,0		
C2.5.5.2		(5) W402 "Hazard markers"	No.	2,0		
C2.5.6	8.3.7	Dismantling and Re-erection of Roads Signs having Surface Area of				
C2.5.6.1		Over and Up to 1) - 2 m²	No.	1,0		
C2.6		ROAD MARKINGS				
C2.6.1	8.4.1	Non-reflectorized Paint Applied at Nominal Rate of 0,42 l/m² (or Proprietary Brand Road-Marking Material (Nominal Rate of Application and Particulars Stated), as Scheduled				
		Retroreflective solvent based road marking paint applied at a nominal rate of 0,42 l/m²				
C2.6.1.1		a) White lines (broken or unbroken)(width of line indicated)				
C2.6.1.1.1		(1) 100mm wide	km	0,001		
C2.6.1.1.2		(2) 300mm wide	km	0,001		
C2.6.1.2		b) Yellow lines (broken or unbroken)(width of line indicated)				
C2.6.1.2.1		(1) 100mm wide	km	0,001		
C2.6.1.3		c) White characters and symbols	m²	20,0		
Section C2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

GIJIMA 1 STREET

SECTION C2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section C2 Brought forward						
C2.6.2	8.4.2	Variation in Rate of Application from that Stated in Item 8.4.1				
C2.6.2.1		a) White paint	ℓ	2,0		
C2.6.2.2		b) Yellow paint	ℓ	2,0		
C2.6.2.3		c) Glass beads	kg	1,0		
C2.6.2.4		d) Proprietary brand road-marking material	ℓ	2,0		
C2.6.3	8.4.4	Setting out and Premarking				
C2.6.3.1		a) Lines (excluding traffic island markings, characters, and symbols)	km	0,001		
C2.7	SABS 1200GA	CONCRETE (SMALL WORKS)				
C2.7.1		SPEEDHUMPS				
		Scheduled Formwork Items				
C2.7.1.1	8.2.1	Rough (Sides for Speedhump on Typical Details S114-rev2)	m²	5		
		Schedule Reinforcement Items				
C2.7.1.2	8.3.2	High-Tensile Welded Mesh (Mesh Ref 193)	m²	10,0		
		Schedule Concrete Items				
C2.7.1.3	8.4.1	Prescribed Mix Concrete (Concrete Grade 30/19)	m³	2,5		
		Unformed Surface Finishes				
C2.7.1.4	8.4.4	b) Steel-floated finish	m²	10,0		
TOTAL SECTION C2 :						
Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

GIJIMA 1 STREET

SECTION C3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C3		SECTION C3: STORMWATER				
C3.1	SANS 1200DB 8.3.2	EARTHWORKS (PIPE TRENCHES)				
C3.1.1		a) Excavate in all materials for trenches, backfill, compact and dispose of surplus material	m³	5,0		
C3.1.1.1						
C3.1.1.2		b) Extra-over item (a) above for:				
C3.1.1.2.1		1) Intermediate excavation	m³	1,0		
C3.1.1.2.2		2) Hard rock excavation	m³	1,0		
C3.1.1.3		c) Excavate and dispose of unsuitable material from	m³	1,0		
C3.1.2	8.3.3 PSDB 8.3.3.1	Make up deficiency in backfill material (provisional)				
C3.1.2.1		a) from necessary excavations on site	m³	1,0		
C3.1.3	8.3.3.3	Compaction in road reserves	m³	5,0		
C3.1.4	8.3.3.4	Overhaul				
C3.1.4.1		a) Limited overhaul	m³	10,0		
C3.1.5	8.3.5	Existing Services that Intersect or Adjoin a Pipe Trench				
C3.1.5.1		a) Services that intersect a trench (angles between centre-lines in plan of 45-90°)				
C3.1.5.1.1		1) Water erf connections	No.	1,0		
C3.1.5.1.2		2) Electrical cable erf connectios	No.	1,0		
C3.1.5.2		b) Services that adjoin a trench				
C3.1.5.2.1		1) Water erf connections	m	1,0		
C3.1.5.2.2		2) Electrical cable erf connectios	m	1,0		
C3.1.6	8.3.6	Finishing				
C3.1.6.1	8.3.6.1	Reinstate road surfaces complete with all courses				
C3.1.6.1.1		e) 60mm Concrete paving bricks / blocks	m²	5,0		
C3.2	SABS 1200LB	BEDDING (PIPES)				
C3.2.1	8.2.1	Provision of Bedding from Trench Excavation				
C3.2.1.1		a) Selected granular material	m³	1,0		
C3.2.1.2		b) Selected fill material	m³	1,0		
Section C3 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

GIJIMA 1 STREET

SECTION C3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section C3 Brought forward						
C3.2.2	8.2.2	Supply only of Bedding by Importation				
C3.3	SABS 1200LE	STORMWATER DRAINAGE				
C3.3.1	8.2.1	Supply and Lay Concrete Pipe Culverts on Class B bedding (type, class, and nominal diameter of pipes, and special jointing)				
C3.3.1.1		(1) Class 100D, 375mm diameter	m	5,0		
C3.3.2	8.2.8	Supply and Install Manholes, Catchpits, and the Like				
C3.3.2.1		a) Manholes as per Drawing 8040-001-RCS-504	No.	1,0		
C3.3.2.2		b) Catchpits as per Drawing 8040-001-RCS-504	No.	1,0		
C3.3.2.3		c) Extra over or under item (a) above for variation in depth of manholes from the standard depth designated for purposes of tendering (standard depth and type of manhole stated)	m	1,0		
C3.4	SABS 1200DK	GABIONS AND PITCHING				
C3.4.1	8.2.1	Surface preparation fro bedding of gabions				
C3.4.1.1		a) Cavities filled with approved excavated material or rock	m²	1,0		
C3.4.1.2		b) Cavities filled with grade 15 concrete (provisional)	m²	1,0		
C3.4.2	8.2.2	Gabions				
C3.4.2.1		1) 1m x 1m x 1m	m³	1,0		
C3.4.3	8.2.4	Geotextile (or geomembrane)	m²	1,0		
C3.4.4	8.2.5	Pitching				
C3.4.4.1		1) Grouted pitching on slopes up to 5%	m²	1,0		
C3.4.4.2		2) Grouted pitching on slopes exceeding 5% and up to	m²	1,0		
C3.4.4.3		3) Grouted pitching on slopes exceeding 10%	m²	1,0		
TOTAL SECTION C3 :						
Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)
TENDER No.: T07 OF 2024/25

GIJIMA 1 STREET

SECTION	DESCRIPTION	AMOUNT
Section C1	Site Clearance	
Section C2	Roadworks	
Section C3	Stormwater	
SUB-TOTAL SCHEDULE C CARRIED FORWARD TO PRICING SCHEDULE SUMMARY		

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

GIJIMA 2 STREET

SECTION D1: SITE CLEARANCE

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
D1		SECTION D1: SITE CLEARANCE				
D1.1	SANS 1200C	SITE CLEARANCE				
D1.1.1	8.2.1	Clear and grub	ha	0,2		
D1.1.2	8.2.2	Remove and grub large trees and tree stumps of girth				
D1.1.2.1		a) over 1m and up to and including 2m	No.	1,0		
D1.1.3	8.2.5	Take down existing fences	km	0,05		
D1.1.4	8.2.7	Dismantle and remove pipelines, electricity transmission lines, cables, etc.				
D1.1.4.1		a) Watermains up to 50mm diameter	m	10,0		
D1.1.4.2		c) Electrical cables (erf connections)	m	5,0		
D1.1.5	8.2.10	Remove topsoil to nominal depth of 150mm and stockpile	m³	160,0		
D1.1.6	PSA 8.4.8	Neatly saw-cut existing asphalt / bituminous surfacing up to 30mm depth	m	10,0		
D1.1.7	PSA 8.4.8	Neatly saw-cut existing concrete pavers in-situ	m	10,0		
D1.1.8	PSA 8.4.8	Demolish and remove asphalt / bituminous surfacing to designated spoil site	m²	5,0		
D1.1.9	PSA 8.4.8	Demolish and remove existing pavers and sand to designated spoil site	m²	5,0		
D1.1.10	PSA 8.4.8	Demolish and remove existing concrete kerbing to designated spoil site	m	10,0		
D1.1.11	PSA 8.4.8	Demolish and remove existing concrete v-drains to designated spoil site	m³	5,0		
D1.2	SANS 1200D	EARTHWORKS				
	8.3.8.1c	Locate and excavate by hand in soft material to expose in narrow slots perpendicular to the road, the following services:				
D1.2.1		Watermains up to 200 mm in diameter (Provisional)	m³	5,0		
D1.2.2		Telecommunication cables (incl. fibre)	m³	1,0		
D1.2.3		Electrical cables	m³	1,0		
D1.2.4		Stormwater pipes up to 375mm diameter	m³	5,0		
D1.2.5		Stormwater pipes greater than 375mm and up to 600mm diameter	m³	5,0		
TOTAL SECTION D1 : Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

GIJIMA 2 STREET STREET

SECTION D2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
D2		SECTION D2: ROADWORKS				
D2.1	SANS 1200DM	EARTHWORKS				
D2.1.1	8.3.3	Treatment of road-bed				
D2.1.1.1		a) Road-bed preparation and compaction of material to				
D2.1.1.1.1		1) minimum of 90% modified AASHTO maximum density	m³	5,0		
D2.1.1.1.2		2) minimum of 93% modified AASHTO maximum density	m³	80,0		
D2.1.1.1.3		3) minimum of 100% modified AASHTO maximum density (sand)	m³	5,0		
D2.1.1.2		b) In-place treatment of road-bed in intermediate or hard rock material by				
D2.1.1.2.1		1) ripping	m³	50,0		
D2.1.2	8.3.4	Cut to fill, borrow to fill				
D2.1.2.1		a) Compact to 93% of modified AASHTO maximum density	m³	80,0		
D2.1.2.2		b) Rockfill, process, and compact	m³	50,0		
D2.1.4	PSDM 8.3.17	Construct G9 lower selected layer with material from commercial sources compacted to 93% MOD. AASHTO	m³	5,0		
D2.1.5	PSDM 8.3.18	Construct G9 upper selected layer with material from commercial sources compacted to 95% MOD. AASHTO	m³	50,0		
D2.1.6	8.3.6	Extra-over items 8.3.4 and 8.3.5 for excavating and breaking down material in				
D2.1.6.1		a) Intermediate excavation	m³	50,0		
D2.1.6.2		b) Hard excavation	m³	10,0		
D2.1.7	8.3.7	Cut to spoil or stockpile from				
D2.1.7.1		a) Soft excavation	m³	350,0		
D2.1.7.2		b) Intermediate excavation	m³	35,0		
D2.1.7.3		c) Hard excavation	m³	20,0		
D2.1.8	8.3.8	Removal of oversize material	m³	5,0		
Section D2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

GIJIMA 2 STREET STREET

SECTION D2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section D2 Brought forward						
D2.1.9	8.3.7	Unsuitable material cut to designated spoil site	m³	10,0		
D2.1.10	PSA 8.4.8	Construct pioneer layer using material from commercial sources (Provisional)	m³	10,0		
D2.1.11	8.3.9	Overbreak of excavation in				
D2.1.11.1		a) Intermediate excavation	m³	5,0		
D2.1.11.2		b) Hard excavation	m³	1,0		
D2.1.12	8.3.10	Materials bladed to windrow	m³	5,0		
D2.1.13	8.3.11	Extra-over items 8.3.2, 8.3.4 or 8.3.5 for temporary stockpiling of materials	m³	10,0		
D2.1.14	8.3.12	Overhaul	m³.km	4 000,0		
D2.1.15	8.3.13	Surface finishes				
D2.1.15.1		a) Topsoiling	m³	40,0		
D2.1.15.2		b) Grassing or other cover	m²	220,0		
D2.1.15.3	8.3.15	Catchwater mounds and channels and mitre banks and channels	m³	5,0		
D2.1.16	PSDM 8.3.13	Trimming and grading of verges	m²	220,0		
D2.2	SABS 1200ME	SUBBASE				
D2.2.1	8.3.3	Construct the subbase course with material from commercial sources				
D2.2.1.1		(3) C4 material compacted to 97% modified AASHTO (stabilising agent measured elsewhere)	m³	50,0		
D2.2.2	8.3.5(d)	Process subbase material by the following processes, as relevant, and use in the subbase				
D2.2.2.1		d) Stabilization	m³	50,0		
D2.2.3	8.3.8	Stabilising agent				
D2.2.3.1		a) Road lime	t	1,0		
D2.2.3.2		b) Portland cement	t	2,0		
D2.3	SABS 1200MJ	SEGMENTED PAVING				
D2.3.1	8.2.2	Construction of Paving Complete				
D2.3.1.1		(1) 60mm Type A interlocking precast concrete paving in herringbone pattern on 20mm sand	m²	320,0		
D2.3.2	8.2.3	Cutting Units to Fit Edge Restraints	m	220,0		
D2.3.3	8.2.4	Rolling to Locked-up Condition as Specified in 5.6.2 (Provisional)	m²	320,0		
D2.3.4	8.2.5	Trial Section, not Part of Permanent Works (size stated)	m²	50,0		
Section D2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

GIJIMA 2 STREET STREET

SECTION D2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section D2 Brought forward						
D2.4	SABS 1200MK 8.2.1	KERBING AND CHANNELING				
D2.4.1		Concrete Kerbing (Grade of concrete for cast-in-situ concrete and type and figure or drawing number stated)				
D2.4.1		(1) Precast rectangular kerb (Fig.10) on screed and 20MPa continuous backing concrete				
D2.4.1.1		a) Exceeding 4m radius up to 20m radius	m	10,0		
D2.4.1.2		b) Exceeding 20m radius (including straight)	m	220,0		
D2.4.2	8.2.4	Depressed Kerbs	m	5,0		
D2.5	8.3.1	ROAD SIGNS				
D2.5.1		Sign faces with Painted or Galvanized (as Stated) Background, with Painted Symbols, Characters, Legend, and Borders, and with Signboards Constructed from				
D2.5.1.1		a) Aluminium sheet (2,0 mm thick), of area				
		Over and Up to				
D2.5.1.1.1		1) - 2 m²	m²	1,0		
D2.5.2	8.3.2	Provision and Application of Retro-reflective Material				
D2.5.2.1		a) Engineering grade retro-reflective background, characters, symbols, legened, and borders	m²	1,0		
D2.5.2.2		c) High intensity grade characters, symbols, legened, and borders and engineering grade retro-reflective background	m²	0,05		
D2.5.3	8.3.3	Sign Supports				
D2.5.3.1		b) Steel tubing (protective treatment, if any, stated)				
D2.5.3.1.1		(1) Hot-dipped galvanized	No.	10,0		
D2.5.3.2		c) Timber (diameter and type indicated) complying with				
D2.5.3.2.1		(1) 75mm nominal diameter	m	3,0		
D2.5.3.2.2		(2) 100mm nominal diameter	m	3,0		
Section D2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

GIJIMA 2 STREET STREET

SECTION D2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section D2 Brought forward						
D2.5.4	8.3.4	Excavation and Backfilling and Concreting (if any) for Sign Supports (material to be used for backfil stated)				
D2.5.4.1		(1) Soilcrete backfill	m³	0,2		
D2.5.5	8.3.6	Statutory Signs, Street Names, and the Like, Supplied and Erected Complete				
		Signs as detailed in the latest edition of the SADC Road Traffic Signs Manual				
D2.5.5.1		(1) R1 "Stop" (610mm width)	No.	2,0		
D2.5.5.2		(2) R2 "Yield" (600mm)	No.	1,0		
D2.5.5.3		(3) W332 "Speed hump Warning Signs"	No.	2,0		
D2.5.5.4		(4) W401 "Hazard markers")	No.	2,0		
D2.5.5.5		(5) W402 "Hazard markers"	No.	2,0		
D2.5.6	8.3.7	Dismantling and Re-erection of Roads Signs having Surface Area of				
D2.5.6.1		Over and Up to 1) - 2 m²	No.	1,0		
D2.6		ROAD MARKINGS				
D2.6.1	8.4.1	Non-reflectorized Paint Applied at Nominal Rate of 0,42 l/m² (or Proprietary Brand Road-Marking Material (Nominal Rate of Application and Particulars Stated), as Scheduled				
		Retroreflective solvent based road marking paint applied at a nominal rate of 0,42 l/m²				
D2.6.1.1		a) White lines (broken or unbroken)(width of line indicated)				
D2.6.1.1.1		(1) 100mm wide	km	0,001		
D2.6.1.1.2		(2) 300mm wide	km	0,001		
D2.6.1.2		b) Yellow lines (broken or unbroken)(width of line indicated)				
D2.6.1.2.1		(1) 100mm wide	km	0,001		
D2.6.1.3		c) White characters and symbols	m²	20,0		
Section D2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

GIJIMA 2 STREET STREET

SECTION D2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section D2 Brought forward						
D2.6.2	8.4.2	Variation in Rate of Application from that Stated in Item 8.4.1				
D2.6.2.1		a) White paint	ℓ	2,0		
D2.6.2.2		b) Yellow paint	ℓ	2,0		
D2.6.2.3		c) Glass beads	kg	1,0		
D2.6.2.4		d) Proprietary brand road-marking material	ℓ	2,0		
D2.6.3	8.4.4	Setting out and Premarking				
D2.6.3.1		a) Lines (excluding traffic island markings, characters, and symbols)	km	0,001		
D2.7	SABS 1200GA	CONCRETE (SMALL WORKS)				
D2.7.1		SPEEDHUMPS				
		Scheduled Formwork Items				
D2.7.1.1	8.2.1	Rough (Sides for Speedhump on Typical Details S114-rev2)	m²	5		
		Schedule Reinforcement Items				
D2.7.1.2	8.3.2	High-Tensile Welded Mesh (Mesh Ref 193)	m²	10,0		
		Schedule Concrete Items				
D2.7.1.3	8.4.1	Prescribed Mix Concrete (Concrete Grade 30/19)	m³	2,5		
		Unformed Surface Finishes				
D2.7.1.4	8.4.4	b) Steel-floated finish	m²	10,0		
TOTAL SECTION D2 : Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

GIJIMA 2 STREET

SECTION D3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
D3		SECTION D3: STORMWATER				
D3.1	SANS 1200DB 8.3.2	EARTHWORKS (PIPE TRENCHES)				
D3.1.1		a) Excavate in all materials for trenches, backfill, compact and dispose of surplus material	m³	5,0		
D3.1.1.1						
D3.1.1.2		b) Extra-over item (a) above for:				
D3.1.1.2.1		1) Intermediate excavation	m³	1,0		
D3.1.1.2.2		2) Hard rock excavation	m³	1,0		
D3.1.1.3		c) Excavate and dispose of unsuitable material from	m³	1,0		
D3.1.2	8.3.3 PSDB 8.3.3.1	Make up deficiency in backfill material (provisional)				
D3.1.2.1		a) from necessary excavations on site	m³	1,0		
D3.1.3	8.3.3.3	Compaction in road reserves	m³	5,0		
D3.1.4	8.3.3.4	Overhaul				
D3.1.4.1		a) Limited overhaul	m³	10,0		
D3.1.5	8.3.5	Existing Services that Intersect or Adjoin a Pipe Trench				
D3.1.5.1		a) Services that intersect a trench (angles between centre-lines in plan of 45-90°)				
D3.1.5.1.1		1) Water erf connections	No.	1,0		
D3.1.5.1.2		2) Electrical cable erf connectios	No.	1,0		
D3.1.5.2		b) Services that adjoin a trench				
D3.1.5.2.1		1) Water erf connections	m	1,0		
D3.1.5.2.2		2) Electrical cable erf connectios	m	1,0		
D3.1.6	8.3.6	Finishing				
D3.1.6.1	8.3.6.1	Reinstate road surfaces complete with all courses				
D3.1.6.1.1		e) 60mm Concrete paving bricks / blocks	m²	5,0		
D3.2	SABS 1200LB	BEDDING (PIPES)				
D3.2.1	8.2.1	Provision of Bedding from Trench Excavation				
D3.2.1.1		a) Selected granular material	m³	1,0		
D3.2.1.2		b) Selected fill material	m³	1,0		
Section D3 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

GIJIMA 2 STREET

SECTION D3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section D3 Brought forward						
D3.2.2	8.2.2	Supply only of Bedding by Importation				
D3.3	SABS 1200LE	STORMWATER DRAINAGE				
D3.3.1	8.2.1	Supply and Lay Concrete Pipe Culverts on Class B bedding (type, class, and nominal diameter of pipes, and special jointing)				
D3.3.1.1		(1) Class 100D, 375mm diameter	m	5,0		
D3.3.2	8.2.8	Supply and Install Manholes, Catchpits, and the Like				
D3.3.2.1		a) Manholes as per Drawing 8040-001-RCS-504	No.	1,0		
D3.3.2.2		b) Catchpits as per Drawing 8040-001-RCS-504	No.	1,0		
D3.3.2.3		c) Extra over or under item (a) above for variation in depth of manholes from the standard depth designated for purposes of tendering (standard depth and type of manhole stated)	m	1,0		
D3.4	SABS 1200DK	GABIONS AND PITCHING				
D3.4.1	8.2.1	Surface preparation fro bedding of gabions				
D3.4.1.1		a) Cavities filled with approved excavated material or rock	m²	1,0		
D3.4.1.2		b) Cavities filled with grade 15 concrete (provisional)	m²	1,0		
D3.4.2	8.2.2	Gabions				
D3.4.2.1		1) 1m x 1m x 1m	m³	1,0		
D3.4.3	8.2.4	Geotextile (or geomembrane)	m²	1,0		
D3.4.4	8.2.5	Pitching				
D3.4.4.1		1) Grouted pitching on slopes up to 5%	m²	1,0		
D3.4.4.2		2) Grouted pitching on slopes exceeding 5% and up to	m²	1,0		
D3.4.4.3		3) Grouted pitching on slopes exceeding 10%	m²	1,0		
TOTAL SECTION D3 :						
Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)
TENDER No.: T07 OF 2024/25

GIJIMA 2 STREET

SECTION	DESCRIPTION	AMOUNT
Section D1	Site Clearance	
Section D2	Roadworks	
Section D3	Stormwater	
SUB-TOTAL SCHEDULE C CARRIED FORWARD TO PRICING SCHEDULE SUMMARY		

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

RHOBOLOLO 1 STREET

SECTION E1: SITE CLEARANCE

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
E1		SECTION E1: SITE CLEARANCE				
E1.1	SANS 1200C	SITE CLEARANCE				
E1.1.1	8.2.1	Clear and grub	ha	0,2		
E1.1.2	8.2.2	Remove and grub large trees and tree stumps of girth				
E1.1.2.1		a) over 1m and up to and including 2m	No.	1,0		
E1.1.3	8.2.5	Take down existing fences	km	0,06		
E1.1.4	8.2.7	Dismantle and remove pipelines, electricity transmission lines, cables, etc.				
E1.1.4.1		a) Watermains up to 50mm diameter	m	10,0		
E1.1.4.2		c) Electrical cables (erf connections)	m	5,0		
E1.1.5	8.2.10	Remove topsoil to nominal depth of 150mm and stockpile	m³	300,0		
E1.1.6	PSA 8.4.8	Neatly saw-cut existing asphalt / bituminous surfacing up to 30mm depth	m	10,0		
E1.1.7	PSA 8.4.8	Neatly saw-cut existing concrete pavers in-situ	m	10,0		
E1.1.8	PSA 8.4.8	Demolish and remove asphalt / bituminous surfacing to designated spoil site	m²	5,0		
E1.1.9	PSA 8.4.8	Demolish and remove existing pavers and sand to designated spoil site	m²	5,0		
E1.1.10	PSA 8.4.8	Demolish and remove existing concrete kerbing to designated spoil site	m	5,0		
E1.1.11	PSA 8.4.8	Demolish and remove existing concrete v-drains to designated spoil site	m³	5,0		
E1.2	SANS 1200D	EARTHWORKS				
	8.3.8.1c	Locate and excavate by hand in soft material to expose in narrow slots perpendicular to the road, the following services:				
E1.2.1		Watermains up to 200 mm in diameter (Provisional)	m³	5,0		
E1.2.2		Telecommunication cables (incl. fibre)	m³	1,0		
E1.2.3		Electrical cables	m³	1,0		
E1.2.4		Stormwater pipes up to 375mm diameter	m³	5,0		
E1.2.5		Stormwater pipes greater than 375mm and up to 600mm diameter	m³	6,0		
TOTAL SECTION E1 : Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

RHOBOLOLO 1 STREET

SECTION E2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
E2		SECTION E2: ROADWORKS				
E2.1	SANS 1200DM	EARTHWORKS				
E2.1.1	8.3.3	Treatment of road-bed				
E2.1.1.1		a) Road-bed preparation and compaction of material to				
		1) minimum of 90% modified AASHTO maximum density	m³	5,0		
E2.1.1.1.1						
		2) minimum of 93% modified AASHTO maximum density	m³	160,0		
E2.1.1.1.2						
		3) minimum of 100% modified AASHTO maximum density (sand)	m³	5,0		
E2.1.1.1.3						
E2.1.1.2		b) In-place treatment of road-bed in intermediate or hard rock material by				
E2.1.1.2.1		1) ripping	m³	50,0		
E2.1.2	8.3.4	Cut to fill, borrow to fill				
E2.1.2.1		a) Compact to 93% of modified AASHTO maximum density	m³	160,0		
E2.1.2.2		b) Rockfill, process, and compact	m³	50,0		
E2.1.4	PSDM 8.3.17	Construct G9 lower selected layer with material from commercial sources compacted to 93% MOD. AASHTO	m³	5,0		
E2.1.5	PSDM 8.3.18	Construct G9 upper selected layer with material from commercial sources compacted to 95% MOD. AASHTO	m³	100,0		
E2.1.6	8.3.6	Extra-over items 8.3.4 and 8.3.5 for excavating and breaking down material in				
E2.1.6.1		a) Intermediate excavation	m³	70,0		
E2.1.6.2		b) Hard excavation	m³	40,0		
E2.1.7	8.3.7	Cut to spoil or stockpile from				
E2.1.7.1		a) Soft excavation	m³	700,0		
E2.1.7.2		b) Intermediate excavation	m³	70,0		
E2.1.7.2		c) Hard excavation	m³	40,0		
E2.2.8	PSDM 8.3.19	Construct selected layer with material from stockpile source compacted to 95% MDD	m³	5,0		
E2.1.9	8.3.8	Removal of oversize material	m³	5,0		
Section E2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

RHOBOLOLO 1 STREET

SECTION E2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section E2 Brought forward						
E2.1.10	8.3.7	Unsuitable material cut to designated spoil site	m³	10,0		
E2.1.11	PSA 8.4.8	Construct pioneer layer using material from commercial sources (Provisional)	m³	10,0		
E2.1.12	8.3.9	Overbreak of excavation in				
E2.1.12.1		a) Intermediate excavation	m³	5,0		
E2.1.12.2		b) Hard excavation	m³	1,0		
E2.1.13	8.3.10	Materials bladed to windrow	m³	5,0		
E2.1.14	8.3.11	Extra-over items 8.3.2, 8.3.4 or 8.3.5 for temporary stockpiling of materials	m³	10,0		
E2.1.15	8.3.12	Overhaul	m³.km	4 000,0		
E2.1.16	8.3.13	Surface finishes				
E2.1.16.1		a) Topsoiling	m³	60,0		
E2.1.16.2		b) Grassing or other cover	m²	380,0		
E2.1.16.3	8.3.15	Catchwater mounds and channels and mitre banks and channels	m³	5,0		
E2.1.17	PSDM 8.3.13	Trimming and grading of verges	m²	380,0		
E2.2	SABS 1200ME	SUBBASE				
E2.2.1	8.3.3	Construct the subbase course with material from commercial sources				
E2.2.1.1		(3) C4 material compacted to 97% modified AASHTO (stabilising agent measured elsewhere)	m³	100,0		
E2.2.2	8.3.5(d)	Process subbase material by the following processes, as relevant, and use in the subbase				
E2.2.2.1		d) Stabilization	m³	100,0		
E2.2.3	8.3.8	Stabilising agent				
E2.2.3.1		a) Road lime	t	1,0		
E2.2.3.2		b) Portland cement	t	5,0		
E2.3	SABS 1200MJ	SEGMENTED PAVING				
E2.3.1	8.2.2	Construction of Paving Complete				
E2.3.1.1		(1) 60mm Type A interlocking precast concrete paving in herringbone pattern on 20mm sand	m²	730,0		
E2.3.2	8.2.3	Cutting Units to Fit Edge Restraints	m	380,0		
E2.3.3	8.2.4	Rolling to Locked-up Condition as Specified in 5.6.2 (Provisional)	m²	730,0		
E2.3.4	8.2.5	Trial Section, not Part of Permanent Works (size stated)	m²	50,0		
Section E2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

RHOBOLOLO 1 STREET

SECTION E2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section E2 Brought forward						
E2.4	SABS 1200MK 8.2.1	KERBING AND CHANNELING				
E2.4.1		Concrete Kerbing (Grade of concrete for cast-in-situ concrete and type and figure or drawing number stated)				
E2.4.1.1		(1) Precast rectangular kerb (Fig.10) on screed and 20MPa continuous backing concrete				
E2.4.1.1.1		a) Exceeding 4m radius up to 20m radius	m	10,0		
E2.4.1.1.2		b) Exceeding 20m radius (including straight)	m	380,0		
E2.4.2	8.2.4	Depressed Kerbs	m	5,0		
E2.5	8.3.1	ROAD SIGNS				
E2.5.1		Sign faces with Painted or Galvanized (as Stated) Background, with Painted Symbols, Characters, Legend, and Borders, and with Signboards Constructed from				
E2.5.1.1		a) Aluminium sheet (2,0 mm thick), of area				
		Over and Up to				
E2.5.1.1.1		1) - 2 m²	m²	1,0		
E2.5.2	8.3.2	Provision and Application of Retro-reflective Material				
E2.5.2.1		a) Engineering grade retro-reflective background, characters, symbols, legend, and borders	m²	1,0		
E2.5.2.2		c) High intensity grade characters, symbols, legened, and borders and engineering grade retro-reflective background	m²	0,05		
E2.5.3	8.3.3	Sign Supports				
E2.5.3.1		b) Steel tubing (protective treatment, if any, stated)				
E2.5.3.1.1		(1) Hot-dipped galvanized	No.	10,0		
E2.5.3.2		c) Timber (diameter and type indicated) complying with				
E2.5.3.2.1		(1) 75mm nominal diameter	m	3,0		
E2.5.3.2.2	(2) 100mm nominal diameter	m	3,0			
Section E2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

RHOBOLOLO 1 STREET

SECTION E2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section E2 Brought forward						
E2.5.4	8.3.4	Excavation and Backfilling and Concreting (if any) for Sign Supports (material to be used for backfil stated)				
E2.5.4.1		(1) Soilcrete backfill	m³	0,2		
E2.5.5	8.3.6	Statutory Signs, Street Names, and the Like, Supplied and Erected Complete Signs as detailed in the latest edition of the SADC Road Traffic Signs Manual				
E2.5.5.1		(1) R1 "Stop" (610mm width)	No.	2,0		
E2.5.5.2		(2) R2 "Yield" (600mm)	No.	1,0		
E2.5.5.3		(3) W332 "Speed hump Warning Signs"	No.	2,0		
E2.5.5.4		(4) W401 "Hazard markers"	No.	2,0		
E2.5.5.5		(5) W402 "Hazard markers"	No.	2,0		
E2.5.6	8.3.7	Dismantling and Re-erection of Roads Signs having Surface Area of				
E2.5.6.1		Over and Up to 1) - 2 m²	No.	1,0		
E2.6		ROAD MARKINGS				
E2.6.1	8.4.1	Non-reflectORIZED Paint Applied at Nominal Rate of 0,42 ℓ/m² (or Proprietary Brand Road-Marking Material (Nominal Rate of Application and Particulars Stated), as Scheduled Retroreflective solvent based road marking paint applied at a nominal rate of 0,42 ℓ/m²				
E2.6.1.1		a) White lines (broken or unbroken)(width of line indicated)				
E2.6.1.1.1		(1) 100mm wide	km	0,001		
E2.6.1.1.2		(2) 300mm wide	km	0,001		
E2.6.1.2		b) Yellow lines (broken or unbroken)(width of line indicated)				
E2.6.1.2.1		(1) 100mm wide	km	0,001		
E2.6.1.3		c) White characters and symbols	m²	20,0		
Section E2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

RHOBOLOLO 1 STREET

SECTION E2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section E2 Brought forward						
E2.6.2	8.4.2	Variation in Rate of Application from that Stated in Item 8.4.1				
E2.6.2.1		a) White paint	ℓ	2,0		
E2.6.2.2		b) Yellow paint	ℓ	2,0		
E2.6.2.3		c) Glass beads	kg	1,0		
E2.6.2.4		d) Proprietary brand road-marking material	ℓ	2,0		
E2.6.3	8.4.4	Setting out and Premarking				
E2.6.3.1		a) Lines (excluding traffic island markings, characters, and symbols)	km	0,001		
E2.7	SABS 1200GA	CONCRETE (SMALL WORKS)				
E2.7.1		SPEEDHUMPS				
		Scheduled Formwork Items				
E2.7.1.1	8.2.1	Rough (Sides for Speedhump on Typical Details S114-rev2)	m²	5		
		Schedule Reinforcement Items				
E2.7.1.2	8.3.2	High-Tensile Welded Mesh (Mesh Ref 193)	m²	10,0		
		Schedule Concrete Items				
E2.7.1.3	8.4.1	Prescribed Mix Concrete (Concrete Grade 30/19)	m³	2,5		
		Unformed Surface Finishes				
E2.7.1.4	8.4.4	b) Steel-floated finish	m²	10,0		
TOTAL SECTION E2 :						
Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

RHOBOLLO 1 STREET

SECTION E3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
E3		SECTION E3: STORMWATER				
E3.1	SANS 1200DB 8.3.2	EARTHWORKS (PIPE TRENCHES)				
E3.1.1		a) Excavate in all materials for trenches, backfill, compact and dispose of surplus material	m³	6,0		
E3.1.1.1						
E3.1.1.2		b) Extra-over item (a) above for:				
E3.1.1.2.1		1) Intermediate excavation	m³	1,0		
E3.1.1.2.2		2) Hard rock excavation	m³	1,0		
E3.1.1.3		c) Excavate and dispose of unsuitable material from	m³	1,0		
E3.1.2	8.3.3 PSDB 8.3.3.1	Make up deficiency in backfill material (provisional)				
E3.1.2.1		a) from necessary excavations on site	m³	1,0		
E3.1.3	8.3.3.3	Compaction in road reserves	m³	5,0		
E3.1.4	8.3.3.4	Overhaul				
E3.1.4.1		a) Limited overhaul	m³	10,0		
E3.1.5	8.3.5	Existing Services that Intersect or Adjoin a Pipe Trench				
E3.1.5.1		a) Services that intersect a trench (angles between centre-lines in plan of 45-90°)				
E3.1.5.1.1		1) Water erf connections	No.	1,0		
E3.1.5.1.2		2) Electrical cable erf connectios	No.	1,0		
E3.1.5.2		b) Services that adjoin a trench				
E3.1.5.2.1		1) Water erf connections	m	1,0		
E3.1.5.2.2		2) Electrical cable erf connectios	m	1,0		
E3.1.6	8.3.6	Finishing				
E3.1.6.1	8.3.6.1	Reinstate road surfaces complete with all courses				
E3.1.6.1.1		e) 60mm Concrete paving bricks / blocks	m²	5,0		
E3.2	SABS 1200LB	BEDDING (PIPES)				
E3.2.1	8.2.1	Provision of Bedding from Trench Excavation				
E3.2.1.1		a) Selected granular material	m³	1,0		
E3.2.1.2		b) Selected fill material	m³	1,0		
Section E3 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

RHOBOLLO 1 STREET

SECTION E3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section E3 Brought forward						
E3.2.2	8.2.2	Supply only of Bedding by Importation				
E3.3	SABS 1200LE	STORMWATER DRAINAGE				
E3.3.1	8.2.1	Supply and Lay Concrete Pipe Culverts on Class B bedding (type, class, and nominal diameter of pipes, and special jointing)				
E3.3.1.1		(1) Class 100D, 375mm diameter	m	1,0		
E3.3.2	8.2.8	Supply and Install Manholes, Catchpits, and the Like				
E3.3.2.1		a) Manholes as per Drawing 8040-001-RCS-504	No.	1,0		
E3.3.2.2		b) Catchpits as per Drawing 8040-001-RCS-504	No.	1,0		
E3.3.2.3		c) Extra over or under item (a) above for variation in depth of manholes from the standard depth designated for purposes of tendering (standard depth and type of manhole stated)	m	1,0		
E3.4	SABS 1200DK	GABIONS AND PITCHING				
E3.4.1	8.2.1	Surface preparation fro bedding of gabions				
E3.4.1.1		a) Cavities filled with approved excavated material or rock	m²	1,0		
E3.4.1.2		b) Cavities filled with grade 15 concrete (provisional)	m²	1,0		
E3.4.2	8.2.2	Gabions				
E3.4.2.1		1) 1m x 1m x 1m	m³	1,0		
E3.4.3	8.2.4	Geotextile (or geomembrane)	m²	1,0		
E3.4.4	8.2.5	Pitching				
E3.4.4.1		1) Grouted pitching on slopes up to 5%	m²	1,0		
E3.4.4.2		2) Grouted pitching on slopes exceeding 5% and up to	m²	1,0		
E3.4.4.3		3) Grouted pitching on slopes exceeding 10%	m²	1,0		
TOTAL SECTION E3 :						
Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)
TENDER No.: T07 OF 2024/25

RHOBOLOLO 1 STREET

SECTION	DESCRIPTION	AMOUNT
Section E1	Site Clearance	
Section E2	Roadworks	
Section E3	Stormwater	
SUB-TOTAL SCHEDULE C CARRIED FORWARD TO PRICING SCHEDULE SUMMARY		

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

RHOBOLOLO 2 STREET

SECTION F1: SITE CLEARANCE

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
F1		SECTION F1: SITE CLEARANCE				
F1.1	SANS 1200C	SITE CLEARANCE				
F1.1.1	8.2.1	Clear and grub	ha	0,2		
F1.1.2	8.2.2	Remove and grub large trees and tree stumps of girth				
F1.1.2.1		a) over 1m and up to and including 2m	No.	1,0		
F1.1.3	8.2.5	Take down existing fences	km	0,03		
F1.1.4	8.2.7	Dismantle and remove pipelines, electricity transmission lines, cables, etc.				
F1.1.4.1		a) Watermains up to 50mm diameter	m	10,0		
F1.1.4.2		c) Electrical cables (erf connections)	m	10,0		
F1.1.5	8.2.10	Remove topsoil to nominal depth of 150mm and stockpile	m³	300,0		
F1.1.6	PSA 8.4.8	Neatly saw-cut existing asphalt / bituminous surfacing up to 30mm depth	m	15,0		
F1.1.7	PSA 8.4.8	Neatly saw-cut existing concrete pavers in-situ	m	10,0		
F1.1.8	PSA 8.4.8	Demolish and remove asphalt / bituminous surfacing to designated spoil site	m²	5,0		
F1.1.9	PSA 8.4.8	Demolish and remove existing pavers and sand to designated spoil site	m²	5,0		
F1.1.10	PSA 8.4.8	Demolish and remove existing concrete kerbing to designated spoil site	m	10,0		
F1.1.11	PSA 8.4.8	Demolish and remove existing concrete v-drains to designated spoil site	m³	5,0		
F1.2	SANS 1200D	EARTHWORKS				
	8.3.8.1c	Locate and excavate by hand in soft material to expose in narrow slots perpendicular to the road, the following services:				
F1.2.1		Watermains up to 200 mm in diameter (Provisional)	m³	5,0		
F1.2.2		Telecommunication cables (incl. fibre)	m³	1,0		
F1.2.3		Electrical cables	m³	1,0		
F1.2.4		Stormwater pipes up to 375mm diameter	m³	10,0		
F1.2.5		Stormwater pipes greater than 375mm and up to 600mm diameter	m³	6,0		
TOTAL SECTION F1 : Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)
TENDER No.: T07 OF 2024/25
RHOBOLOLO 2 STREET
SECTION F2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
F2		SECTION F2: ROADWORKS				
F2.1	SANS 1200DM	EARTHWORKS				
F2.1.1	8.3.3	Treatment of road-bed				
F2.1.1.1		a) Road-bed preparation and compaction of material to				
F2.1.1.1.1		1) minimum of 90% modified AASHTO maximum density	m³	5,0		
F2.1.1.1.2		2) minimum of 93% modified AASHTO maximum density	m³	150,0		
F2.1.1.1.3		3) minimum of 100% modified AASHTO maximum density (sand)	m³	5,0		
F2.1.1.2		b) In-place treatment of road-bed in intermediate or hard rock material by				
F2.1.1.2.1		1) ripping	m³	50,0		
F2.1.2	8.3.4	Cut to fill, borrow to fill				
F2.1.2.1		a) Compact to 93% of modified AASHTO maximum density	m³	150,0		
F2.1.2.2		b) Rockfill, process, and compact	m³	50,0		
F2.1.4	PSDM 8.3.17	Construct G9 lower selected layer with material from commercial sources compacted to 93% MOD. AASHTO	m³	5,0		
F2.1.5	PSDM 8.3.18	Construct G9 upper selected layer with material from commercial sources compacted to 95% MOD. AASHTO	m³	80,0		
F2.1.6	8.3.6	Extra-over items 8.3.4 and 8.3.5 for excavating and breaking down material in				
F2.1.6.1		a) Intermediate excavation	m³	60,0		
F2.1.6.2		b) Hard excavation	m³	40,0		
F2.1.7	8.3.7	Cut to spoil or stockpile from				
F2.1.7.1		a) Soft excavation	m³	580,0		
F2.1.7.2		b) Intermediate excavation	m³	60,0		
F2.1.7.3		c) Hard excavation	m³	40,0		
F2.1.8	8.3.8	Removal of oversize material	m³	5,0		
Section F2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

RHOBOLOLO 2 STREET

SECTION F2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section F2 Brought forward						
F2.1.9	8.3.7	Unsuitable material cut to designated spoil site	m³	10,0		
F2.1.10	PSA 8.4.8	Construct pioneer layer using material from commercial sources (Provisional)	m³	10,0		
F2.1.11	8.3.9	Overbreak of excavation in				
F2.1.11.1		a) Intermediate excavation	m³	5,0		
F2.1.11.2		b) Hard excavation	m³	1,0		
F2.1.12	8.3.10	Materials bladed to windrow	m³	5,0		
F2.1.13	8.3.11	Extra-over items 8.3.2, 8.3.4 or 8.3.5 for temporary stockpiling of materials	m³	10,0		
F2.1.14	8.3.12	Overhaul	m³.km	4 000,0		
F2.1.15	8.3.13	Surface finishes				
F2.1.15.1		a) Topsoiling	m³	60,0		
F2.1.15.2		b) Grassing or other cover	m²	380,0		
F2.1.15.3	8.3.15	Catchwater mounds and channels and mitre banks and channels	m³	5,0		
F2.1.16	PSDM 8.3.13	Trimming and grading of verges	m²	380,0		
F2.2	SABS 1200ME	SUBBASE				
F2.2.1	8.3.3	Construct the subbase course with material from commercial sources				
F2.2.1.1		(3) C4 material compacted to 97% modified AASHTO (stabilising agent measured elsewhere)	m³	80,0		
F2.2.2	8.3.5(d)	Process subbase material by the following processes, as relevant, and use in the subbase				
F2.2.2.1		d) Stabilization	m³	80,0		
F2.2.3	8.3.8	Stabilising agent				
F2.2.3.1		a) Road lime	t	1,0		
F2.2.3.2		b) Portland cement	t	4,0		
F2.3	SABS 1200MJ	SEGMENTED PAVING				
F2.3.1	8.2.2	Construction of Paving Complete				
F2.3.1.1		(1) 60mm Type A interlocking precast concrete paving in herringbone pattern on 20mm sand	m²	600,0		
F2.3.2	8.2.3	Cutting Units to Fit Edge Restraints	m	380,0		
F2.3.3	8.2.4	Rolling to Locked-up Condition as Specified in 5.6.2 (Provisional)	m²	600,0		
F2.3.4	8.2.5	Trial Section, not Part of Permanent Works (size stated)	m²	50,0		
Section F2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

RHOBOLLO 2 STREET

SECTION F2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section F2 Brought forward						
F2.4	SABS 1200MK 8.2.1	KERBING AND CHANNELING				
F2.4.1		Concrete Kerbing (Grade of concrete for cast-in-situ concrete and type and figure or drawing number stated)				
F2.4.1		(1) Precast rectangular kerb (Fig.10) on screed and 20MPa continuous backing concrete				
F2.4.1.1		a) Exceeding 4m radius up to 20m radius	m	10,0		
F2.4.1.2		b) Exceeding 20m radius (including straight)	m	380,0		
F2.4.2	8.2.4	Depressed Kerbs	m	5,0		
F2.5	8.3.1	ROAD SIGNS				
F2.5.1		Sign faces with Painted or Galvanized (as Stated) Background, with Painted Symbols, Characters, Legend, and Borders, and with Signboards Constructed from				
F2.5.1.1		a) Aluminium sheet (2,0 mm thick), of area				
F2.5.1.1.1		Over and Up to 1) - 2 m²	m²	1,0		
F2.5.2	8.3.2	Provision and Application of Retro-reflective Material				
F2.5.2.1		a) Engineering grade retro-reflective background, characters, symbols, legend, and borders	m²	1,0		
F2.5.2.2		c) High intensity grade characters, symbols, legened, and borders and engineering grade retro-reflective background	m²	0,05		
F2.5.3	8.3.3	Sign Supports				
F2.5.3.1		b) Steel tubing (protective treatment, if any, stated)				
F2.5.3.1.1		(1) Hot-dipped galvanized	No.	10,0		
F2.5.3.2		c) Timber (diameter and type indicated) complying with				
F2.5.3.2.1		(1) 75mm nominal diameter	m	3,0		
F2.5.3.2.2		(2) 100mm nominal diameter	m	3,0		
Section F2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

RHOBOLOLO 2 STREET

SECTION F2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section F2 Brought forward						
F2.5.4	8.3.4	Excavation and Backfilling and Concreting (if any) for Sign Supports (material to be used for backfill stated)				
F2.5.4.1		(1) Soilcrete backfill	m³	0,2		
F2.5.5	8.3.6	Statutory Signs, Street Names, and the Like, Supplied and Erected Complete Signs as detailed in the latest edition of the SADC Road Traffic Signs Manual				
F2.5.5.1		(1) R1 "Stop" (610mm width)	No.	2,0		
F2.5.5.2		(2) R2 "Yield" (600mm)	No.	1,0		
F2.5.5.3		(3) W332 "Speed hump Warning Signs"	No.	2,0		
F2.5.5.4		(4) W401 "Hazard markers"	No.	2,0		
F2.5.5.5		(5) W402 "Hazard markers"	No.	2,0		
F2.5.6	8.3.7	Dismantling and Re-erection of Roads Signs having Surface Area of				
F2.5.6.1		Over and Up to 1) - 2 m²	No.	1,0		
F2.6		ROAD MARKINGS				
F2.6.1	8.4.1	Non-reflectorized Paint Applied at Nominal Rate of 0,42 l/m² (or Proprietary Brand Road-Marking Material (Nominal Rate of Application and Particulars Stated), as Scheduled Retroreflective solvent based road marking paint applied at a nominal rate of 0,42 l/m²				
F2.6.1.1		a) White lines (broken or unbroken)(width of line indicated)				
F2.6.1.1.1		(1) 100mm wide	km	0,001		
F2.6.1.1.2		(2) 300mm wide	km	0,001		
F2.6.1.2		b) Yellow lines (broken or unbroken)(width of line indicated)				
F2.6.1.2.1		(1) 100mm wide	km	0,001		
F2.6.1.3		c) White characters and symbols	m²	20,0		
Section F2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

RHOBOLOLO 2 STREET

SECTION F2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section F2 Brought forward						
F2.6.2	8.4.2	Variation in Rate of Application from that Stated in Item 8.4.1				
F2.6.2.1		a) White paint	ℓ	2,0		
F2.6.2.2		b) Yellow paint	ℓ	2,0		
F2.6.2.3		c) Glass beads	kg	1,0		
F2.6.2.4		d) Proprietary brand road-marking material	ℓ	2,0		
F2.6.3	8.4.4	Setting out and Premarking				
F2.6.3.1		a) Lines (excluding traffic island markings, characters, and symbols)	km	0,001		
F2.7	SABS 1200GA	CONCRETE (SMALL WORKS)				
F2.7.1		SPEEDHUMPS				
		Scheduled Formwork Items				
F2.7.1.1	8.2.1	Rough (Sides for Speedhump on Typical Details S114-rev2)	m²	5		
		Schedule Reinforcement Items				
F2.7.1.2	8.3.2	High-Tensile Welded Mesh (Mesh Ref 193)	m²	10,0		
		Schedule Concrete Items				
F2.7.1.3	8.4.1	Prescribed Mix Concrete (Concrete Grade 30/19)	m³	2,5		
		Unformed Surface Finishes				
F2.7.1.4	8.4.4	b) Steel-floated finish	m²	10,0		
TOTAL SECTION F2 :						
Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

RHOBOLLO 2 STREET

SECTION F3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
F3		SECTION F3: STORMWATER				
F3.1	SANS 1200DB 8.3.2	EARTHWORKS (PIPE TRENCHES)				
F3.1.1		a) Excavate in all materials for trenches, backfill, compact and dispose of surplus material	m³	5,0		
F3.1.1.1						
F3.1.1.2		b) Extra-over item (a) above for:				
F3.1.1.2.1		1) Intermediate excavation	m³	1,0		
F3.1.1.2.2		2) Hard rock excavation	m³	1,0		
F3.1.1.3		c) Excavate and dispose of unsuitable material from	m³	1,0		
F3.1.2	8.3.3 PSDB 8.3.3.1	Make up deficiency in backfill material (provisional)				
F3.1.2.1		a) from necessary excavations on site	m³	1,0		
F3.1.3	8.3.3.3	Compaction in road reserves	m³	5,0		
F3.1.4	8.3.3.4	Overhaul				
F3.1.4.1		a) Limited overhaul	m³	10,0		
F3.1.5	8.3.5	Existing Services that Intersect or Adjoin a Pipe Trench				
F3.1.5.1		a) Services that intersect a trench (angles between centre-lines in plan of 45-90°)				
F3.1.5.1.1		1) Water erf connections	No.	1,0		
F3.1.5.1.2		2) Electrical cable erf connectios	No.	1,0		
F3.1.5.2		b) Services that adjoin a trench				
F3.1.5.2.1		1) Water erf connections	m	1,0		
F3.1.5.2.2		2) Electrical cable erf connectios	m	1,0		
F3.1.6	8.3.6	Finishing				
F3.1.6.1	8.3.6.1	Reinstate road surfaces complete with all courses				
F3.1.6.1.1		e) 60mm Concrete paving bricks / blocks	m²	5,0		
F3.2	SABS 1200LB	BEDDING (PIPES)				
F3.2.1	8.2.1	Provision of Bedding from Trench Excavation				
F3.2.1.1		a) Selected granular material	m³	1,0		
F3.2.1.2		b) Selected fill material	m³	1,0		
Section F3 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

RHOBOLOLO 2 STREET

SECTION F3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section F3 Brought forward						
F3.2.2	8.2.2	Supply only of Bedding by Importation				
F3.3	SABS 1200LE	STORMWATER DRAINAGE				
F3.3.1	8.2.1	Supply and Lay Concrete Pipe Culverts on Class B bedding (type, class, and nominal diameter of pipes, and special jointing)				
F3.3.1.1		(1) Class 100D, 375mm diameter	m	5,0		
F3.3.2	8.2.8	Supply and Install Manholes, Catchpits, and the Like				
F3.3.2.1		a) Manholes as per Drawing 8040-001-RCS-504	No.	1,0		
F3.3.2.2		b) Catchpits as per Drawing 8040-001-RCS-504	No.	1,0		
F3.3.2.3		c) Extra over or under item (a) above for variation in depth of manholes from the standard depth designated for purposes of tendering (standard depth and type of manhole stated)	m	1,0		
F3.4	SABS 1200DK	GABIONS AND PITCHING				
F3.4.1	8.2.1	Surface preparation fro bedding of gabions				
F3.4.1.1		a) Cavities filled with approved excavated material or rock	m²	1,0		
F3.4.1.2		b) Cavities filled with grade 15 concrete (provisional)	m²	1,0		
F3.4.2	8.2.2	Gabions				
F3.4.2.1		1) 1m x 1m x 1m	m³	1,0		
F3.4.3	8.2.4	Geotextile (or geomembrane)	m²	1,0		
F3.4.4	8.2.5	Pitching				
F3.4.4.1		1) Grouted pitching on slopes up to 5%	m²	1,0		
F3.4.4.2		2) Grouted pitching on slopes exceeding 5% and up to	m²	1,0		
F3.4.4.3		3) Grouted pitching on slopes exceeding 10%	m²	1,0		
TOTAL SECTION F3 :						
Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)
TENDER No.: T07 OF 2024/25

RHOBOLOLO 2 STREET

SECTION	DESCRIPTION	AMOUNT
Section F1	Site Clearance	
Section F2	Roadworks	
Section F3	Stormwater	
SUB-TOTAL SCHEDULE C CARRIED FORWARD TO PRICING SCHEDULE SUMMARY		

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

SKHEPHU 1 STREET

SECTION G1: SITE CLEARANCE

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
G1		SECTION G1: SITE CLEARANCE				
G1.1	SANS 1200C	SITE CLEARANCE				
G1.1.1	8.2.1	Clear and grub	ha	0,2		
G1.1.2	8.2.2	Remove and grub large trees and tree stumps of girth				
G1.1.2.1		a) over 1m and up to and including 2m	No.	1,0		
G1.1.3	8.2.5	Take down existing fences	km	0,1		
G1.1.4	8.2.7	Dismantle and remove pipelines, electricity transmission lines, cables, etc.				
G1.1.4.1		a) Watermains up to 50mm diameter	m	10,0		
G1.1.4.2		c) Electrical cables (erf connections)	m	10,0		
G1.1.5	8.2.10	Remove topsoil to nominal depth of 150mm and stockpile	m³	320,0		
G1.1.6	PSA 8.4.8	Neatly saw-cut existing asphalt / bituminous surfacing up to 30mm depth	m	10,0		
G1.1.7	PSA 8.4.8	Neatly saw-cut existing concrete pavers in-situ	m	5,0		
G1.1.8	PSA 8.4.8	Demolish and remove asphalt / bituminous surfacing to designated spoil site	m²	5,0		
G1.1.9	PSA 8.4.8	Demolish and remove existing pavers and sand to designated spoil site	m²	5,0		
G1.1.10	PSA 8.4.8	Demolish and remove existing concrete kerbing to designated spoil site	m	10,0		
G1.1.11	PSA 8.4.8	Demolish and remove existing concrete v-drains to designated spoil site	m³	5,0		
G1.2	SANS 1200D	EARTHWORKS				
	8.3.8.1c	Locate and excavate by hand in soft material to expose in narrow slots perpendicular to the road, the following services:				
G1.2.1		Watermains up to 200 mm in diameter (Provisional)	m³	5,0		
G1.2.2		Telecommunication cables (incl. fibre)	m³	1,0		
G1.2.3		Electrical cables	m³	1,0		
G1.2.4		Stormwater pipes up to 375mm diameter	m³	5,0		
G1.2.5		Stormwater pipes greater than 375mm and up to 600mm diameter	m³	5,0		
TOTAL SECTION G1 : Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

SKHEPHU 1 STREET

SECTION G2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
G2		SECTION G2: ROADWORKS				
G2.1	SANS 1200DM	EARTHWORKS				
G2.1.1	8.3.3	Treatment of road-bed				
G2.1.1.1		a) Road-bed preparation and compaction of material to				
G2.1.1.1.1		1) minimum of 90% modified AASHTO maximum density	m³	5,0		
G2.1.1.1.2		2) minimum of 93% modified AASHTO maximum density	m³	150,0		
G2.1.1.1.3		3) minimum of 100% modified AASHTO maximum density (sand)	m³	5,0		
G2.1.1.2		b) In-place treatment of road-bed in intermediate or hard rock material by				
G2.1.1.2.1		1) ripping	m³	50,0		
G2.1.2	8.3.4	Cut to fill, borrow to fill				
G2.1.2.1		a) Compact to 93% of modified AASHTO maximum density	m³	150,0		
G2.1.2.2		b) Rockfill, process, and compact	m³	50,0		
G2.1.4	PSDM 8.3.17	Construct G9 lower selected layer with material from commercial sources compacted to 93% MOD. AASHTO	m³	5,0		
G2.1.5	PSDM 8.3.18	Construct G9 upper selected layer with material from commercial sources compacted to 95% MOD. AASHTO	m³	80,0		
G2.1.6	8.3.6	Extra-over items 8.3.4 and 8.3.5 for excavating and breaking down material in				
G2.1.6.1		a) Intermediate excavation	m³	70,0		
G2.1.6.2		b) Hard excavation	m³	40,0		
G2.1.7	8.3.7	Cut to spoil or stockpile from				
G2.1.7.1		a) Soft excavation	m³	650,0		
G2.1.7.2		b) Intermediate excavation	m³	70,0		
G2.1.7.3		c) Hard excavation	m³	40,0		
G2.1.8	8.3.8	Removal of oversize material	m³	5,0		
Section G2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

SKHEPHU 1 STREET

SECTION G2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section G2 Brought forward						
G2.1.9	8.3.7	Unsuitable material cut to designated spoil site	m³	10,0		
G2.1.10	PSA 8.4.8	Construct pioneer layer using material from commercial sources (Provisional)	m³	10,0		
G2.1.11	8.3.9	Overbreak of excavation in				
G2.1.11.1		a) Intermediate excavation	m³	5,0		
G2.1.11.2		b) Hard excavation	m³	1,0		
G2.1.12	8.3.10	Materials bladed to windrow	m³	5,0		
G2.1.13	8.3.11	Extra-over items 8.3.2, 8.3.4 or 8.3.5 for temporary stockpiling of materials	m³	10,0		
G2.1.14	8.3.12	Overhaul	m³.km	4 000,0		
G2.1.15	8.3.13	Surface finishes				
G2.1.15.1		a) Topsoiling	m³	60,0		
G2.1.15.2		b) Grassing or other cover	m²	420,0		
G2.1.15.3	8.3.15	Catchwater mounds and channels and mitre banks and channels	m³	5,0		
G2.1.16	PSDM 8.3.13	Trimming and grading of verges	m²	420,0		
G2.2	SABS 1200ME	SUBBASE				
G2.2.1	8.3.3	Construct the subbase course with material from commercial sources				
G2.2.1.1		(3) C4 material compacted to 97% modified AASHTO (stabilising agent measured elsewhere)	m³	80,0		
G2.2.2	8.3.5(d)	Process subbase material by the following processes, as relevant, and use in the subbase				
G2.2.2.1		d) Stabilization	m³	80,0		
G2.2.3	8.3.8	Stabilising agent				
G2.2.3.1		a) Road lime	t	1,0		
G2.2.3.2		b) Portland cement	t	4,0		
G2.3	SABS 1200MJ	SEGMENTED PAVING				
G2.3.1	8.2.2	Construction of Paving Complete				
G2.3.1.1		(1) 60mm Type A interlocking precast concrete paving in herringbone pattern on 20mm sand	m²	650,0		
G2.3.2	8.2.3	Cutting Units to Fit Edge Restraints	m	420,0		
G2.3.3	8.2.4	Rolling to Locked-up Condition as Specified in 5.6.2 (Provisional)	m²	650,0		
G2.3.4	8.2.5	Trial Section, not Part of Permanent Works (size stated)	m²	50,0		
Section G2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

SKHEPHU 1 STREET

SECTION G2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section G2 Brought forward						
G2.4	SABS 1200MK 8.2.1	KERBING AND CHANNELING				
G2.4.1		Concrete Kerbing (Grade of concrete for cast-in-situ concrete and type and figure or drawing number stated)				
G2.4.1		(1) Precast rectangular kerb (Fig.10) on screed and 20MPa continuous backing concrete				
G2.4.1.1		a) Exceeding 4m radius up to 20m radius	m	10,0		
G2.4.1.2		b) Exceeding 20m radius (including straight)	m	420,0		
G2.4.2	8.2.4	Depressed Kerbs	m	5,0		
G2.5	8.3.1	ROAD SIGNS				
G2.5.1		Sign faces with Painted or Galvanized (as Stated) Background, with Painted Symbols, Characters, Legend, and Borders, and with Signboards Constructed from				
G2.5.1.1		a) Aluminium sheet (2,0 mm thick), of area				
G2.5.1.1.1		Over and Up to 1) - 2 m²	m²	1,0		
G2.5.2	8.3.2	Provision and Application of Retro-reflective Material				
G2.5.2.1		a) Engineering grade retro-reflective background, characters, symbols, legend, and borders	m²	1,0		
G2.5.2.2		c) High intensity grade characters, symbols, legened, and borders and engineering grade retro-reflective background	m²	0,05		
G2.5.3	8.3.3	Sign Supports				
G2.5.3.1		b) Steel tubing (protective treatment, if any, stated)				
G2.5.3.1.1		(1) Hot-dipped galvanized	No.	10,0		
G2.5.3.2		c) Timber (diameter and type indicated) complying with				
G2.5.3.2.1		(1) 75mm nominal diameter	m	3,0		
G2.5.3.2.2		(2) 100mm nominal diameter	m	3,0		
Section G2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

SKHEPHU 1 STREET

SECTION G2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section G2 Brought forward						
G2.5.4	8.3.4	Excavation and Backfilling and Concreting (if any) for Sign Supports (material to be used for backfil stated)				
G2.5.4.1		(1) Soilcrete backfill	m³	0,2		
G2.5.5	8.3.6	Statutory Signs, Street Names, and the Like, Supplied and Erected Complete				
		Signs as detailed in the latest edition of the SADC Road Traffic Signs Manual				
G2.5.5.1		(1) R1 "Stop" (610mm width)	No.	2,0		
G2.5.5.2		(2) R2 "Yield" (600mm)	No.	1,0		
G2.5.5.3		(3) W332 "Speed hump Warning Signs"	No.	2,0		
G2.5.5.4		(4) W401 "Hazard markers"	No.	2,0		
G2.5.5.5		(5) W402 "Hazard markers"	No.	2,0		
G2.5.6	8.3.7	Dismantling and Re-erection of Roads Signs having Surface Area of				
G2.5.6.1		Over and Up to 1) - 2 m²	No.	1,0		
G2.6		ROAD MARKINGS				
G2.6.1	8.4.1	Non-reflectorized Paint Applied at Nominal Rate of 0,42 l/m² (or Proprietary Brand Road-Marking Material (Nominal Rate of Application and Particulars Stated), as Scheduled				
		Retroreflective solvent based road marking paint applied at a nominal rate of 0,42 l/m²				
G2.6.1.1		a) White lines (broken or unbroken)(width of line indicated)				
G2.6.1.1.1		(1) 100mm wide	km	0,001		
G2.6.1.1.2		(2) 300mm wide	km	0,001		
G2.6.1.2		b) Yellow lines (broken or unbroken)(width of line indicated)				
G2.6.1.2.1		(1) 100mm wide	km	0,001		
G2.6.1.3		c) White characters and symbols	m²	20,0		
Section G2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

SKHEPHU 1 STREET

SECTION G2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section G2 Brought forward						
G2.6.2	8.4.2	Variation in Rate of Application from that Stated in Item 8.4.1				
G2.6.2.1		a) White paint	ℓ	2,0		
G2.6.2.2		b) Yellow paint	ℓ	2,0		
G2.6.2.3		c) Glass beads	kg	1,0		
G2.6.2.4		d) Proprietary brand road-marking material	ℓ	2,0		
G2.6.3	8.4.4	Setting out and Premarking				
G2.6.3.1		a) Lines (excluding traffic island markings, characters, and symbols)	km	0,001		
G2.7	SABS 1200GA	CONCRETE (SMALL WORKS)				
G2.7.1		SPEEDHUMPS				
		Scheduled Formwork Items				
G2.7.1.1	8.2.1	Rough (Sides for Speedhump on Typical Details S114-rev2)	m²	5		
		Schedule Reinforcement Items				
G2.7.1.2	8.3.2	High-Tensile Welded Mesh (Mesh Ref 193)	m²	10,0		
		Schedule Concrete Items				
G2.7.1.3	8.4.1	Prescribed Mix Concrete (Concrete Grade 30/19)	m³	2,5		
		Unformed Surface Finishes				
G2.7.1.4	8.4.4	b) Steel-floated finish	m²	10,0		
TOTAL SECTION G2 :						
Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

SKHEPHU 1 STREET

SECTION G3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
G3		SECTION G3: STORMWATER				
G3.1	SANS 1200DB	EARTHWORKS (PIPE TRENCHES)				
G3.1.1	8.3.2	a) Excavate in all materials for trenches, backfill, compact and dispose of surplus material	m³	5,0		
G3.1.1.1						
G3.1.1.2		b) Extra-over item (a) above for:				
G3.1.1.2.1		1) Intermediate excavation	m³	1,0		
G3.1.1.2.2		2) Hard rock excavation	m³	1,0		
G3.1.1.3		c) Excavate and dispose of unsuitable material from	m³	1,0		
G3.1.2	8.3.3 PSDB	Make up deficiency in backfill material (provisional)				
G3.1.2.1	8.3.3.1	a) from necessary excavations on site	m³	1,0		
G3.1.3	8.3.3.3	Compaction in road reserves	m³	5,0		
G3.1.4	8.3.3.4	Overhaul				
G3.1.4.1		a) Limited overhaul	m³	10,0		
G3.1.5	8.3.5	Existing Services that Intersect or Adjoin a Pipe Trench				
G3.1.5.1		a) Services that intersect a trench (angles between centre-lines in plan of 45-90°)				
G3.1.5.1.1		1) Water erf connections	No.	1,0		
G3.1.5.1.2		2) Electrical cable erf connectios	No.	1,0		
G3.1.5.2		b) Services that adjoin a trench				
G3.1.5.2.1		1) Water erf connections	m	1,0		
G3.1.5.2.2		2) Electrical cable erf connectios	m	1,0		
G3.1.6	8.3.6	Finishing				
G3.1.6.1	8.3.6.1	Reinstate road surfaces complete with all courses				
G3.1.6.1.1		e) 60mm Concrete paving bricks / blocks	m²	5,0		
G3.2	SABS 1200LB	BEDDING (PIPES)				
G3.2.1	8.2.1	Provision of Bedding from Trench Excavation				
G3.2.1.1		a) Selected granular material	m³	1,0		
G3.2.1.2		b) Selected fill material	m³	1,0		
Section G3 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

SKHEPHU 1 STREET

SECTION G3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section G3 Brought forward						
G3.2.2	8.2.2	Supply only of Bedding by Importation				
G3.3	SABS 1200LE	STORMWATER DRAINAGE				
G3.3.1	8.2.1	Supply and Lay Concrete Pipe Culverts on Class B bedding (type, class, and nominal diameter of pipes, and special jointing)				
G3.3.1.1		(1) Class 100D, 375mm diameter	m	5,0		
G3.3.2	8.2.8	Supply and Install Manholes, Catchpits, and the Like				
G3.3.2.1		a) Manholes as per Drawing 8040-001-RCS-504	No.	1,0		
G3.3.2.2		b) Catchpits as per Drawing 8040-001-RCS-504	No.	1,0		
G3.3.2.3		c) Extra over or under item (a) above for variation in depth of manholes from the standard depth designated for purposes of tendering (standard depth and type of manhole stated)	m	1,0		
G3.4	SABS 1200DK	GABIONS AND PITCHING				
G3.4.1	8.2.1	Surface preparation fro bedding of gabions				
G3.4.1.1		a) Cavities filled with approved excavated material or rock	m²	1,0		
G3.4.1.2		b) Cavities filled with grade 15 concrete (provisional)	m²	1,0		
G3.4.2	8.2.2	Gabions				
G3.4.2.1		1) 1m x 1m x 1m	m³	1,0		
G3.4.3	8.2.4	Geotextile (or geomembrane)	m²	1,0		
G3.4.4	8.2.5	Pitching				
G3.4.4.1		1) Grouted pitching on slopes up to 5%	m²	1,0		
G3.4.4.2		2) Grouted pitching on slopes exceeding 5% and up to	m²	1,0		
G3.4.4.3		3) Grouted pitching on slopes exceeding 10%	m²	1,0		
TOTAL SECTION G3 :						
Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)
TENDER No.: T07 OF 2024/25

SKHEPHU 1 STREET

SECTION	DESCRIPTION	AMOUNT
Section G1	Site Clearance	
Section G2	Roadworks	
Section G3	Stormwater	
SUB-TOTAL SCHEDULE C CARRIED FORWARD TO PRICING SCHEDULE SUMMARY		

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

SKHEPHU 2 STREET

SECTION H1: SITE CLEARANCE

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
H1		SECTION H1: SITE CLEARANCE				
H1.1	SANS 1200C	SITE CLEARANCE				
H1.1.1	8.2.1	Clear and grub	ha	0,2		
H1.1.2	8.2.2	Remove and grub large trees and tree stumps of girth				
H1.1.2.1		a) over 1m and up to and including 2m	No.	1,0		
H1.1.3	8.2.5	Take down existing fences	km	0,10		
H1.1.4	8.2.7	Dismantle and remove pipelines, electricity transmission lines, cables, etc.				
H1.1.4.1		a) Watermains up to 50mm diameter	m	10,0		
H1.1.4.2		c) Electrical cables (erf connections)	m	10,0		
H1.1.5	8.2.10	Remove topsoil to nominal depth of 150mm and stockpile	m³	250,0		
H1.1.6	PSA 8.4.8	Neatly saw-cut existing asphalt / bituminous surfacing up to 30mm depth	m	10,0		
H1.1.7	PSA 8.4.8	Neatly saw-cut existing concrete pavers in-situ	m	10,0		
H1.1.8	PSA 8.4.8	Demolish and remove asphalt / bituminous surfacing to designated spoil site	m²	5,0		
H1.1.9	PSA 8.4.8	Demolish and remove existing pavers and sand to designated spoil site	m²	5,0		
H1.1.10	PSA 8.4.8	Demolish and remove existing concrete kerbing to designated spoil site	m	10,0		
H1.1.11	PSA 8.4.8	Demolish and remove existing concrete v-drains to designated spoil site	m³	5,0		
H1.2	SANS 1200D	EARTHWORKS				
	8.3.8.1c	Locate and excavate by hand in soft material to expose in narrow slots perpendicular to the road, the following services:				
H1.2.1		Watermains up to 200 mm in diameter (Provisional)	m³	5,0		
H1.2.2		Telecommunication cables (incl. fibre)	m³	1,0		
H1.2.3		Electrical cables	m³	1,0		
H1.2.4		Stormwater pipes up to 375mm diameter	m³	5,0		
H1.2.5		Stormwater pipes greater than 375mm and up to 600mm diameter	m³	5,0		
TOTAL SECTION H1 : Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

SKHEPHU 2 STREET

SECTION H2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
H2		SECTION H2: ROADWORKS				
H2.1	SANS 1200DM	EARTHWORKS				
H2.1.1	8.3.3	Treatment of road-bed				
H2.1.1.1		a) Road-bed preparation and compaction of material to				
H2.1.1.1.1		1) minimum of 90% modified AASHTO maximum density	m³	5,0		
H2.1.1.1.2		2) minimum of 93% modified AASHTO maximum density	m³	110,0		
H2.1.1.1.3		3) minimum of 100% modified AASHTO maximum density (sand)	m³	5,0		
H2.1.1.2		b) In-place treatment of road-bed in intermediate or hard rock material by				
H2.1.1.2.1		1) ripping	m³	50,0		
H2.1.2	8.3.4	Cut to fill, borrow to fill				
H2.1.2.1		a) Compact to 93% of modified AASHTO maximum density	m³	110,0		
H2.1.2.2		b) Rockfill, process, and compact	m³	50,0		
H2.1.4	PSDM 8.3.17	Construct G9 lower selected layer with material from commercial sources compacted to 93% MOD. AASHTO	m³	5,0		
H2.1.5	PSDM 8.3.18	Construct G9 upper selected layer with material from commercial sources compacted to 95% MOD. AASHTO	m³	60,0		
H2.1.6	8.3.6	Extra-over items 8.3.4 and 8.3.5 for excavating and breaking down material in				
H2.1.6.1		a) Intermediate excavation	m³	50,0		
H2.1.6.2		b) Hard excavation	m³	30,0		
H2.1.7	8.3.7	Cut to spoil or stockpile from				
H2.1.7.1		a) Soft excavation	m³	460,0		
H2.1.7.2		b) Intermediate excavation	m³	50,0		
H2.1.7.3		c) Hard excavation	m³	30,0		
H2.1.8	8.3.8	Removal of oversize material	m³	5,0		
Section H2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

SKHEPHU 2 STREET

SECTION H2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section H2 Brought forward						
H2.1.9	8.3.7	Unsuitable material cut to designated spoil site	m³	10,0		
H2.1.10	PSA 8.4.8	Construct pioneer layer using material from commercial sources (Provisional)	m³	10,0		
H2.1.11	8.3.9	Overbreak of excavation in				
H2.1.11.1		a) Intermediate excavation	m³	5,0		
H2.1.11.2		b) Hard excavation	m³	1,0		
H2.1.12	8.3.10	Materials bladed to windrow	m³	5,0		
H2.1.13	8.3.11	Extra-over items 8.3.2, 8.3.4 or 8.3.5 for temporary stockpiling of materials	m³	10,0		
H2.1.14	8.3.12	Overhaul	m³.km	4 000,0		
H2.1.15	8.3.13	Surface finishes				
H2.1.15.1		a) Topsoiling	m³	50,0		
H2.1.15.2		b) Grassing or other cover	m²	300,0		
H2.1.15.3	8.3.15	Catchwater mounds and channels and mitre banks and channels	m³	5,0		
H2.1.16	PSDM 8.3.13	Trimming and grading of verges	m²	300,0		
H2.2	SABS 1200ME	SUBBASE				
H2.2.1	8.3.3	Construct the subbase course with material from commercial sources				
H2.2.1.1		(3) C4 material compacted to 97% modified AASHTO (stabilising agent measured elsewhere)	m³	60,0		
H2.2.2	8.3.5(d)	Process subbase material by the following processes, as relevant, and use in the subbase				
H2.2.2.1		d) Stabilization	m³	60,0		
H2.2.3	8.3.8	Stabilising agent				
H2.2.3.1		a) Road lime	t	1,0		
H2.2.3.2		b) Portland cement	t	3,0		
H2.3	SABS 1200MJ	SEGMENTED PAVING				
H2.3.1	8.2.2	Construction of Paving Complete				
H2.3.1.1		(1) 60mm Type A interlocking precast concrete paving in herringbone pattern on 20mm sand	m²	500,0		
H2.3.2	8.2.3	Cutting Units to Fit Edge Restraints	m	300,0		
H2.3.3	8.2.4	Rolling to Locked-up Condition as Specified in 5.6.2 (Provisional)	m²	500,0		
H2.3.4	8.2.5	Trial Section, not Part of Permanent Works (size stated)	m²	50,0		
Section H2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

SKHEPHU 2 STREET

SECTION H2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section H2 Brought forward						
H2.4	SABS 1200MK	KERBING AND CHANNELING				
H2.4.1	8.2.1	Concrete Kerbing (Grade of concrete for cast-in-situ concrete and type and figure or drawing number stated)				
H2.4.1		(1) Precast rectangular kerb (Fig.10) on screed and 20MPa continuous backing concrete				
H2.4.1.1		a) Exceeding 4m radius up to 20m radius	m	10,0		
H2.4.1.2		b) Exceeding 20m radius (including straight)	m	300,0		
H2.4.2	8.2.4	Depressed Kerbs	m	5,0		
H2.5		ROAD SIGNS				
H2.5.1	8.3.1	Sign faces with Painted or Galvanized (as Stated) Background, with Painted Symbols, Characters, Legend, and Borders, and with Signboards Constructed from				
H2.5.1.1		a) Aluminium sheet (2,0 mm thick), of area				
		Over and Up to				
H2.5.1.1.1		1) - 2 m²	m²	1,0		
H2.5.2	8.3.2	Provision and Application of Retro-reflective Material				
H2.5.2.1		a) Engineering grade retro-reflective background, characters, symbols, legend, and borders	m²	1,0		
H2.5.2.2		c) High intensity grade characters, symbols, legened, and borders and engineering grade retro-reflective background	m²	0,05		
H2.5.3	8.3.3	Sign Supports				
H2.5.3.1		b) Steel tubing (protective treatment, if any, stated)				
H2.5.3.1.1		(1) Hot-dipped galvanized	No.	10,0		
H2.5.3.2		c) Timber (diameter and type indicated) complying with				
H2.5.3.2.1		(1) 75mm nominal diameter	m	3,0		
H2.5.3.2.2		(2) 100mm nominal diameter	m	3,0		
Section H2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

SKHEPHU 2 STREET

SECTION H2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section H2 Brought forward						
H2.5.4	8.3.4	Excavation and Backfilling and Concreting (if any) for Sign Supports (material to be used for backfill stated)				
H2.5.4.1		(1) Soilcrete backfill	m³	0,2		
H2.5.5	8.3.6	Statutory Signs, Street Names, and the Like, Supplied and Erected Complete				
		Signs as detailed in the latest edition of the SADC Road Traffic Signs Manual				
H2.5.5.1		(1) R1 "Stop" (610mm width)	No.	2,0		
H2.5.5.2		(2) R2 "Yield" (600mm)	No.	1,0		
H2.5.5.3		(3) W332 "Speed hump Warning Signs"	No.	2,0		
H2.5.5.4		(4) W401 "Hazard markers"	No.	2,0		
H2.5.5.5		(5) W402 "Hazard markers"	No.	2,0		
H2.5.6	8.3.7	Dismantling and Re-erection of Roads Signs having Surface Area of				
H2.5.6.1		Over and Up to 1) - 2 m²	No.	1,0		
H2.6		ROAD MARKINGS				
H2.6.1	8.4.1	Non-reflectorized Paint Applied at Nominal Rate of 0,42 l/m² (or Proprietary Brand Road-Marking Material (Nominal Rate of Application and Particulars Stated), as Scheduled				
		Retroreflective solvent based road marking paint applied at a nominal rate of 0,42 l/m²				
H2.6.1.1		a) White lines (broken or unbroken)(width of line indicated)				
H2.6.1.1.1		(1) 100mm wide	km	0,001		
H2.6.1.1.2		(2) 300mm wide	km	0,001		
H2.6.1.2		b) Yellow lines (broken or unbroken)(width of line indicated)				
H2.6.1.2.1		(1) 100mm wide	km	0,001		
H2.6.1.3		c) White characters and symbols	m²	20,0		
Section H2 Carried forward/.....:						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

SKHEPHU 2 STREET

SECTION H2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section H2 Brought forward						
H2.6.2	8.4.2	Variation in Rate of Application from that Stated in Item 8.4.1				
H2.6.2.1		a) White paint	ℓ	2,0		
H2.6.2.2		b) Yellow paint	ℓ	2,0		
H2.6.2.3		c) Glass beads	kg	1,0		
H2.6.2.4		d) Proprietary brand road-marking material	ℓ	2,0		
H2.6.3	8.4.4	Setting out and Premarking				
H2.6.3.1		a) Lines (excluding traffic island markings, characters, and symbols)	km	0,001		
H2.7	SABS 1200GA	CONCRETE (SMALL WORKS)				
H2.7.1		SPEEDHUMPS				
		Scheduled Formwork Items				
H2.7.1.1	8.2.1	Rough (Sides for Speedhump on Typical Details S114-rev2)	m²	5		
		Schedule Reinforcement Items				
H2.7.1.2	8.3.2	High-Tensile Welded Mesh (Mesh Ref 193)	m²	10,0		
		Schedule Concrete Items				
H2.7.1.3	8.4.1	Prescribed Mix Concrete (Concrete Grade 30/19)	m³	2,5		
		Unformed Surface Finishes				
H2.7.1.4	8.4.4	b) Steel-floated finish	m²	10,0		
TOTAL SECTION H2 : Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

SKHEPHU 2 STREET

SECTION H3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
H3		SECTION H3: STORMWATER				
H3.1	SANS 1200DB	EARTHWORKS (PIPE TRENCHES)				
H3.1.1	8.3.2	a) Excavate in all materials for trenches, backfill, compact and dispose of surplus material	m³	5,0		
H3.1.1.1						
H3.1.1.2		b) Extra-over item (a) above for:				
H3.1.1.2.1		1) Intermediate excavation	m³	1,0		
H3.1.1.2.2		2) Hard rock excavation	m³	1,0		
H3.1.1.3		c) Excavate and dispose of unsuitable material from	m³	1,0		
H3.1.2	8.3.3 PSDB	Make up deficiency in backfill material (provisional)				
H3.1.2.1	8.3.3.1	a) from necessary excavations on site	m³	1,0		
H3.1.3	8.3.3.3	Compaction in road reserves	m³	5,0		
H3.1.4	8.3.3.4	Overhaul				
H3.1.4.1		a) Limited overhaul	m³	10,0		
H3.1.5	8.3.5	Existing Services that Intersect or Adjoin a Pipe Trench				
H3.1.5.1		a) Services that intersect a trench (angles between centre-lines in plan of 45-90°)				
H3.1.5.1.1		1) Water erf connections	No.	1,0		
H3.1.5.1.2		2) Electrical cable erf connectios	No.	1,0		
H3.1.5.2		b) Services that adjoin a trench				
H3.1.5.2.1		1) Water erf connections	m	1,0		
H3.1.5.2.2		2) Electrical cable erf connectios	m	1,0		
H3.1.6	8.3.6	Finishing				
H3.1.6.1	8.3.6.1	Reinstate road surfaces complete with all courses				
H3.1.6.1.1		e) 60mm Concrete paving bricks / blocks	m²	5,0		
H3.2	SABS 1200LB	BEDDING (PIPES)				
H3.2.1	8.2.1	Provision of Bedding from Trench Excavation				
H3.2.1.1		a) Selected granular material	m³	1,0		
H3.2.1.2		b) Selected fill material	m³	1,0		
Section H3 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

SKHEPHU 2 STREET

SECTION H3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section H3 Brought forward						
H3.2.2	8.2.2	Supply only of Bedding by Importation				
H3.3	SABS 1200LE	STORMWATER DRAINAGE				
H3.3.1	8.2.1	Supply and Lay Concrete Pipe Culverts on Class B bedding (type, class, and nominal diameter of pipes, and special jointing)				
H3.3.1.1		(1) Class 100D, 375mm diameter	m	5,0		
H3.3.2	8.2.8	Supply and Install Manholes, Catchpits, and the Like				
H3.3.2.1		a) Manholes as per Drawing 8040-001-RCS-504	No.	1,0		
H3.3.2.2		b) Catchpits as per Drawing 8040-001-RCS-504	No.	1,0		
H3.3.2.3		c) Extra over or under item (a) above for variation in depth of manholes from the standard depth designated for purposes of tendering (standard depth and type of manhole stated)	m	1,0		
H3.4	SABS 1200DK	GABIONS AND PITCHING				
H3.4.1	8.2.1	Surface preparation fro bedding of gabions				
H3.4.1.1		a) Cavities filled with approved excavated material or rock	m²	1,0		
H3.4.1.2		b) Cavities filled with grade 15 concrete (provisional)	m²	1,0		
H3.4.2	8.2.2	Gabions				
H3.4.2.1		1) 1m x 1m x 1m	m³	1,0		
H3.4.3	8.2.4	Geotextile (or geomembrane)	m²	1,0		
H3.4.4	8.2.5	Pitching				
H3.4.4.1		1) Grouted pitching on slopes up to 5%	m²	1,0		
H3.4.4.2		2) Grouted pitching on slopes exceeding 5% and up to	m²	1,0		
H3.4.4.3		3) Grouted pitching on slopes exceeding 10%	m²	1,0		
TOTAL SECTION H3 :						
Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)
TENDER No.: T07 OF 2024/25

SKHEPHU 2 STREET

SECTION	DESCRIPTION	AMOUNT
Section H1	Site Clearance	
Section H2	Roadworks	
Section H3	Stormwater	
SUB-TOTAL SCHEDULE C CARRIED FORWARD TO PRICING SCHEDULE SUMMARY		

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

NKANDLA STREET

SECTION I1: SITE CLEARANCE

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
I1		SECTION I1: SITE CLEARANCE				
I1.1	SANS 1200C	SITE CLEARANCE				
I1.1.1	8.2.1	Clear and grub	ha	0,2		
I1.1.2	8.2.2	Remove and grub large trees and tree stumps of girth				
I1.1.2.1		a) over 1m and up to and including 2m	No.	4,0		
I1.1.3	8.2.5	Take down existing fences	km	0,2		
I1.1.4	8.2.7	Dismantle and remove pipelines, electricity transmission lines, cables, etc.				
I1.1.4.1		a) Watermains up to 50mm diameter	m	10,0		
I1.1.4.2		c) Electrical cables (erf connections)	m	10,0		
I1.1.5	8.2.10	Remove topsoil to nominal depth of 150mm and stockpile	m³	280,0		
I1.1.6	PSA 8.4.8	Neatly saw-cut existing asphalt / bituminous surfacing up to 30mm depth	m	10,0		
I1.1.7	PSA 8.4.8	Neatly saw-cut existing concrete pavers in-situ	m	10,0		
I1.1.8	PSA 8.4.8	Demolish and remove asphalt / bituminous surfacing to designated spoil site	m²	5,0		
I1.1.9	PSA 8.4.8	Demolish and remove existing pavers and sand to designated spoil site	m²	5,0		
I1.1.10	PSA 8.4.8	Demolish and remove existing concrete kerbing to designated spoil site	m	10,0		
I1.1.11	PSA 8.4.8	Demolish and remove existing concrete v-drains to designated spoil site	m³	5,0		
I1.2	SANS 1200D	EARTHWORKS				
	8.3.8.1c	Locate and excavate by hand in soft material to expose in narrow slots perpendicular to the road, the following services:				
I1.2.1		Watermains up to 200 mm in diameter (Provisional)	m³	5,0		
I1.2.2		Telecommunication cables (incl. fibre)	m³	1,0		
I1.2.3		Electrical cables	m³	1,0		
I1.2.4		Stormwater pipes up to 375mm diameter	m³	5,0		
I1.2.5		Stormwater pipes greater than 375mm and up to 600mm diameter	m³	5,0		
TOTAL SECTION I1 : Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

NKANDLA STREET

SECTION I2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
I2		SECTION I2: ROADWORKS				
I2.1	SANS 1200DM	EARTHWORKS				
I2.1.1	8.3.3	Treatment of road-bed				
I2.1.1.1		a) Road-bed preparation and compaction of material to				
I2.1.1.1.1		1) minimum of 90% modified AASHTO maximum density	m³	5,0		
I2.1.1.1.2		2) minimum of 93% modified AASHTO maximum density	m³	260,0		
I2.1.1.1.3		3) minimum of 100% modified AASHTO maximum density (sand)	m³	5,0		
I2.1.1.2		b) In-place treatment of road-bed in intermediate or hard rock material by				
I2.1.1.2.1		1) ripping	m³	50,0		
I2.1.2	8.3.4	Cut to fill, borrow to fill				
I2.1.2.1		a) Compact to 93% of modified AASHTO maximum density	m³	260,0		
I2.1.2.2		b) Rockfill, process, and compact	m³	50,0		
I2.1.4	PSDM 8.3.17	Construct G9 lower selected layer with material from commercial sources compacted to 93% MOD. AASHTO	m³	140,0		
I2.1.5	PSDM 8.3.18	Construct G9 upper selected layer with material from commercial sources compacted to 95% MOD. AASHTO	m³	5,0		
I2.1.6	8.3.6	Extra-over items 8.3.4 and 8.3.5 for excavating and breaking down material in				
I2.1.6.1		a) Intermediate excavation	m³	110,0		
I2.1.6.2		b) Hard excavation	m³	60,0		
I2.1.7	8.3.7	Cut to spoil or stockpile from				
I2.1.7.1		a) Soft excavation	m³	1 100,0		
I2.1.7.2		b) Intermediate excavation	m³	110,0		
I2.1.7.3		c) Hard excavation	m³	60,0		
I2.1.8	8.3.8	Removal of oversize material	m³	5,0		
Section I2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

NKANDLA STREET

SECTION I2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section I2 Brought forward						
I2.1.9	8.3.7	Unsuitable material cut to designated spoil site	m³	10,0		
I2.1.10	PSA 8.4.8	Construct pioneer layer using material from commercial sources (Provisional)	m³	10,0		
I2.1.11	8.3.9	Overbreak of excavation in				
I2.1.11.1		a) Intermediate excavation	m³	5,0		
I2.1.11.2		b) Hard excavation	m³	1,0		
I2.1.12	8.3.10	Materials bladed to windrow	m³	5,0		
I2.1.13	8.3.11	Extra-over items 8.3.2, 8.3.4 or 8.3.5 for temporary stockpiling of materials	m³	10,0		
I2.1.14	8.3.12	Overhaul	m³.km	4 000,0		
I2.1.15	8.3.13	Surface finishes				
I2.1.15.1		a) Topsoiling	m³	120,0		
I2.1.15.2		b) Grassing or other cover	m²	720,0		
I2.1.15.3	8.3.15	Catchwater mounds and channels and mitre banks and channels	m³	5,0		
I2.1.16	PSDM 8.3.13	Trimming and grading of verges	m²	720,0		
I2.2	SABS 1200ME	SUBBASE				
I2.2.1	8.3.3	Construct the subbase course with material from commercial sources				
I2.2.1.1		(3) C4 material compacted to 97% modified AASHTO (stabilising agent measured elsewhere)	m³	140,0		
I2.2.2	8.3.5(d)	Process subbase material by the following processes, as relevant, and use in the subbase				
I2.2.2.1		d) Stabilization	m³	140,0		
I2.2.3	8.3.8	Stabilising agent				
I2.2.3.1		a) Road lime	t	1,0		
I2.2.3.2		b) Portland cement	t	7,0		
I2.3	SABS 1200MJ	SEGMENTED PAVING				
I2.3.1	8.2.2	Construction of Paving Complete				
I2.3.1.1		(1) 60mm Type A interlocking precast concrete paving in herringbone pattern on 20mm sand	m²	1 080,0		
I2.3.2	8.2.3	Cutting Units to Fit Edge Restraints	m	720,0		
I2.3.3	8.2.4	Rolling to Locked-up Condition as Specified in 5.6.2 (Provisional)	m²	1 080,0		
I2.3.4	8.2.5	Trial Section, not Part of Permanent Works (size stated)	m²	50,0		
Section I2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

NKANDLA STREET

SECTION I2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section I2 Brought forward						
I2.4	SABS 1200MK 8.2.1	KERBING AND CHANNELING				
I2.4.1		Concrete Kerbing (Grade of concrete for cast-in-situ concrete and type and figure or drawing number stated)				
I2.4.1		(1) Precast rectangular kerb (Fig.10) on screed and 20MPa continuous backing concrete				
I2.4.1.1		a) Exceeding 4m radius up to 20m radius	m	10,0		
I2.4.1.2		b) Exceeding 20m radius (including straight)	m	720,0		
I2.4.2	8.2.4	Depressed Kerbs	m	5,0		
I2.5	8.3.1	ROAD SIGNS				
I2.5.1		Sign faces with Painted or Galvanized (as Stated) Background, with Painted Symbols, Characters, Legend, and Borders, and with Signboards Constructed from				
I2.5.1.1		a) Aluminium sheet (2,0 mm thick), of area				
I2.5.1.1.1		Over and Up to 1) - 2 m²	m²	1,0		
I2.5.2	8.3.2	Provision and Application of Retro-reflective Material				
I2.5.2.1		a) Engineering grade retro-reflective background, characters, symbols, legend, and borders	m²	1,0		
I2.5.2.2		c) High intensity grade characters, symbols, legened, and borders and engineering grade retro-reflective background	m²	0,05		
I2.5.3	8.3.3	Sign Supports				
I2.5.3.1		b) Steel tubing (protective treatment, if any, stated)				
I2.5.3.1.1		(1) Hot-dipped galvanized	No.	15,0		
I2.5.3.2		c) Timber (diameter and type indicated) complying with				
I2.5.3.2.1		(1) 75mm nominal diameter	m	3,0		
I2.5.3.2.2		(2) 100mm nominal diameter	m	3,0		
Section I2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

NKANDLA STREET

SECTION I2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section I2 Brought forward						
I2.5.4	8.3.4	Excavation and Backfilling and Concreting (if any) for Sign Supports (material to be used for backfil stated)				
I2.5.4.1		(1) Soilcrete backfill	m³	0,2		
I2.5.5	8.3.6	Statutory Signs, Street Names, and the Like, Supplied and Erected Complete Signs as detailed in the latest edition of the SADC Road Traffic Signs Manual				
I2.5.5.1		(1) R1 "Stop" (610mm width)	No.	2,0		
I2.5.5.2		(2) R2 "Yield" (600mm)	No.	1,0		
I2.5.5.3		(3) W332 "Speed hump Warning Signs"	No.	4,0		
I2.5.5.4		(4) W401 "Hazard markers"	No.	4,0		
I2.5.5.5		(5) W402 "Hazard markers"	No.	4,0		
I2.5.6	8.3.7	Dismantling and Re-erection of Roads Signs having Surface Area of				
I2.5.6.1		Over and Up to 1) - 2 m²	No.	1,0		
I2.6		ROAD MARKINGS				
I2.6.1	8.4.1	Non-reflectorized Paint Applied at Nominal Rate of 0,42 l/m² (or Proprietary Brand Road-Marking Material (Nominal Rate of Application and Particulars Stated), as Scheduled Retroreflective solvent based road marking paint applied at a nominal rate of 0,42 l/m²				
I2.6.1.1		a) White lines (broken or unbroken)(width of line indicated)				
I2.6.1.1.1		(1) 100mm wide	km	0,001		
I2.6.1.1.2		(2) 300mm wide	km	0,001		
I2.6.1.2		b) Yellow lines (broken or unbroken)(width of line indicated)				
I2.6.1.2.1		(1) 100mm wide	km	0,001		
I2.6.1.3		c) White characters and symbols	m²	20,0		
Section I2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

NKANDLA STREET

SECTION I2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section I2 Brought forward						
I2.6.2	8.4.2	Variation in Rate of Application from that Stated in Item 8.4.1				
I2.6.2.1		a) White paint	ℓ	2,0		
I2.6.2.2		b) Yellow paint	ℓ	2,0		
I2.6.2.3		c) Glass beads	kg	1,0		
I2.6.2.4		d) Proprietary brand road-marking material	ℓ	2,0		
I2.6.3	8.4.4	Setting out and Premarking				
I2.6.3.1		a) Lines (excluding traffic island markings, characters, and symbols)	km	0,001		
I2.7	SABS 1200GA	CONCRETE (SMALL WORKS)				
I2.7.1		SPEEDHUMPS				
		Scheduled Formwork Items				
I2.7.1.1	8.2.1	Rough (Sides for Speedhump on Typical Details S114-rev2)	m²	10		
		Schedule Reinforcement Items				
I2.7.1.2	8.3.2	High-Tensile Welded Mesh (Mesh Ref 193)	m²	20,0		
		Schedule Concrete Items				
I2.7.1.3	8.4.1	Prescribed Mix Concrete (Concrete Grade 30/19)	m³	5,0		
		Unformed Surface Finishes				
I2.7.1.4	8.4.4	b) Steel-floated finish	m²	20,0		
I2.7.1		ANCHOR BEAMS				
		Scheduled Formwork Items				
I2.7.1.1	8.2.2	Rough (Sides for Anchor Beams on Typical Details RCS/502)	m²	10		
I2.7.1.2	8.2.4	Box Out Hole/Form Voids				
I2.7.1.2.1		1) Up to and including 0.5m deep	No.	20,0		
		Schedule Concrete Items				
I2.7.1.3	8.4.1	Prescribed Mix Concrete (Concrete Grade 25/20)	m³	1,0		
		Unformed Surface Finishes				
I2.7.1.4	8.4.4	b) Steel-floated finish	m²	5,0		
TOTAL SECTION I2 : Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

NKANDLA STREET

SECTION I3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
I3		SECTION I3: STORMWATER				
I3.1	SANS 1200DB 8.3.2	EARTHWORKS (PIPE TRENCHES)				
I3.1.1		a) Excavate in all materials for trenches, backfill, compact and dispose of surplus material	m³	5,0		
I3.1.1.1						
I3.1.1.2		b) Extra-over item (a) above for:				
I3.1.1.2.1		1) Intermediate excavation	m³	1,0		
I3.1.1.2.2		2) Hard rock excavation	m³	1,0		
I3.1.1.3		c) Excavate and dispose of unsuitable material from	m³	1,0		
I3.1.2	8.3.3 PSDB 8.3.3.1	Make up deficiency in backfill material (provisional)				
I3.1.2.1		a) from necessary excavations on site	m³	1,0		
I3.1.3	8.3.3.3	Compaction in road reserves	m³	5,0		
I3.1.4	8.3.3.4	Overhaul				
I3.1.4.1		a) Limited overhaul	m³	10,0		
I3.1.5	8.3.5	Existing Services that Intersect or Adjoin a Pipe Trench				
I3.1.5.1		a) Services that intersect a trench (angles between centre-lines in plan of 45-90°)				
I3.1.5.1.1		1) Water erf connections	No.	1,0		
I3.1.5.1.2		2) Electrical cable erf connectios	No.	1,0		
I3.1.5.2		b) Services that adjoin a trench				
I3.1.5.2.1		1) Water erf connections	m	1,0		
I3.1.5.2.2		2) Electrical cable erf connectios	m	1,0		
I3.1.6	8.3.6	Finishing				
I3.1.6.1	8.3.6.1	Reinstate road surfaces complete with all courses				
I3.1.6.1.1		e) 60mm Concrete paving bricks / blocks	m²	5,0		
I3.2	SABS 1200LB	BEDDING (PIPES)				
I3.2.1	8.2.1	Provision of Bedding from Trench Excavation				
I3.2.1.1		a) Selected granular material	m³	1,0		
I3.2.1.2		b) Selected fill material	m³	1,0		
Section I3 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

NKANDLA STREET

SECTION I3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section I3 Brought forward						
I3.2.2	8.2.2	Supply only of Bedding by Importation				
I3.3	SABS 1200LE	STORMWATER DRAINAGE				
I3.3.1	8.2.1	Supply and Lay Concrete Pipe Culverts on Class B bedding (type, class, and nominal diameter of pipes, and special jointing)				
I3.3.1.1		(1) Class 100D, 375mm diameter	m	5,0		
I3.3.2	8.2.8	Supply and Install Manholes, Catchpits, and the Like				
I3.3.2.1		a) Manholes as per Drawing 8040-001-RCS-504	No.	1,0		
I3.3.2.2		b) Catchpits as per Drawing 8040-001-RCS-504	No.	1,0		
I3.3.2.3		c) Extra over or under item (a) above for variation in depth of manholes from the standard depth designated for purposes of tendering (standard depth and type of manhole stated)	m	1,0		
I3.4	SABS 1200DK	GABIONS AND PITCHING				
I3.4.1	8.2.1	Surface preparation fro bedding of gabions				
I3.4.1.1		a) Cavities filled with approved excavated material or rock	m²	1,0		
I3.4.1.2		b) Cavities filled with grade 15 concrete (provisional)	m²	1,0		
I3.4.2	8.2.2	Gabions				
I3.4.2.1		1) 1m x 1m x 1m	m³	1,0		
I3.4.3	8.2.4	Geotextile (or geomembrane)	m²	1,0		
I3.4.4	8.2.5	Pitching				
I3.4.4.1		1) Grouted pitching on slopes up to 5%	m²	1,0		
I3.4.4.2		2) Grouted pitching on slopes exceeding 5% and up to	m²	1,0		
I3.4.4.3		3) Grouted pitching on slopes exceeding 10%	m²	1,0		
TOTAL SECTION I3 : Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)
TENDER No.: T07 OF 2024/25

NKANDLA STREET

SECTION	DESCRIPTION	AMOUNT
Section I1	Site Clearance	
Section I2	Roadworks	
Section I3	Stormwater	
SUB-TOTAL SCHEDULE C CARRIED FORWARD TO PRICING SCHEDULE SUMMARY		

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

NYIBIBA STREET

SECTION J1: SITE CLEARANCE

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
J1		SECTION J1: SITE CLEARANCE				
J1.1	SANS 1200C	SITE CLEARANCE				
J1.1.1	8.2.1	Clear and grub	ha	0,2		
J1.1.2	8.2.2	Remove and grub large trees and tree stumps of girth				
J1.1.2.1		a) over 1m and up to and including 2m	No.	1,0		
J1.1.3	8.2.5	Take down existing fences	km	0,05		
J1.1.4	8.2.7	Dismantle and remove pipelines, electricity transmission lines, cables, etc.				
J1.1.4.1		a) Watermains up to 50mm diameter	m	10,0		
J1.1.4.2		c) Electrical cables (erf connections)	m	10,0		
J1.1.5	8.2.10	Remove topsoil to nominal depth of 150mm and stockpile	m³	300,0		
J1.1.6	PSA 8.4.8	Neatly saw-cut existing asphalt / bituminous surfacing up to 30mm depth	m	10,0		
J1.1.7	PSA 8.4.8	Neatly saw-cut existing concrete pavers in-situ	m	10,0		
J1.1.8	PSA 8.4.8	Demolish and remove asphalt / bituminous surfacing to designated spoil site	m²	5,0		
J1.1.9	PSA 8.4.8	Demolish and remove existing pavers and sand to designated spoil site	m²	5,0		
J1.1.10	PSA 8.4.8	Demolish and remove existing concrete kerbing to designated spoil site	m	10,0		
J1.1.11	PSA 8.4.8	Demolish and remove existing concrete v-drains to designated spoil site	m³	5,0		
J1.2	SANS 1200D	EARTHWORKS				
J1.2	8.3.8.1c	Locate and excavate by hand in soft material to expose in narrow slots perpendicular to the road, the following services:				
J1.2.1		Watermains up to 200 mm in diameter (Provisional)	m³	5,0		
J1.2.2		Telecommunication cables (incl. fibre)	m³	1,0		
J1.2.3		Electrical cables	m³	1,0		
J1.2.4		Stormwater pipes up to 375mm diameter	m³	5,0		
J1.2.5		Stormwater pipes greater than 375mm and up to 600mm diameter	m³	1,0		
TOTAL SECTION J1 : Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

NYIBIBA STREET

SECTION J2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
J2		SECTION J2: ROADWORKS				
J2.1	SANS 1200DM	EARTHWORKS				
J2.1.1	8.3.3	Treatment of road-bed				
J2.1.1.1		a) Road-bed preparation and compaction of material to				
J2.1.1.1.1		1) minimum of 90% modified AASHTO maximum density	m³	5,0		
J2.1.1.1.2		2) minimum of 93% modified AASHTO maximum density	m³	150,0		
J2.1.1.1.3		3) minimum of 100% modified AASHTO maximum density (sand)	m³	5,0		
J2.1.1.2		b) In-place treatment of road-bed in intermediate or hard rock material by				
J2.1.1.2.1		1) ripping	m³	50,0		
J2.1.2	8.3.4	Cut to fill, borrow to fill				
J2.1.2.1		a) Compact to 93% of modified AASHTO maximum density	m³	150,0		
J2.1.2.2		b) Rockfill, process, and compact	m³	50,0		
J2.1.4	PSDM 8.3.17	Construct G9 lower selected layer with material from commercial sources compacted to 93% MOD. AASHTO	m³	5,0		
J2.1.5	PSDM 8.3.18	Construct G9 upper selected layer with material from commercial sources compacted to 95% MOD. AASHTO	m³	80,0		
J2.1.6	8.3.6	Extra-over items 8.3.4 and 8.3.5 for excavating and breaking down material in				
J2.1.6.1		a) Intermediate excavation	m³	60,0		
J2.1.6.2		b) Hard excavation	m³	30,0		
J2.1.7	8.3.7	Cut to spoil or stockpile from				
J2.1.7.1		a) Soft excavation	m³	600,0		
J2.1.7.2		b) Intermediate excavation	m³	60,0		
J2.1.7.3		c) Hard excavation	m³	30,0		
J2.1.8	8.3.8	Removal of oversize material	m³	5,0		
SectionJ2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

NYIBIBA STREET

SECTION J2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section J2 Brought forward						
J2.1.9	8.3.7	Unsuitable material cut to designated spoil site	m³	10,0		
J2.1.10	PSA 8.4.8	Construct pioneer layer using material from commercial sources (Provisional)	m³	10,0		
J2.1.11	8.3.9	Overbreak of excavation in				
J2.1.11.1		a) Intermediate excavation	m³	5,0		
J2.1.11.2		b) Hard excavation	m³	1,0		
J2.1.12	8.3.10	Materials bladed to windrow	m³	5,0		
J2.1.13	8.3.11	Extra-over items 8.3.2, 8.3.4 or 8.3.5 for temporary stockpiling of materials	m³	10,0		
J2.1.14	8.3.12	Overhaul	m³.km	4 000,0		
J2.1.15	8.3.13	Surface finishes				
J2.1.15.1		a) Topsoiling	m³	60,0		
J2.1.15.2		b) Grassing or other cover	m²	390,0		
J2.1.15.3	8.3.15	Catchwater mounds and channels and mitre banks and channels	m³	5,0		
J2.1.16	PSDM 8.3.13	Trimming and grading of verges	m²	390,0		
J2.2	SABS 1200ME	SUBBASE				
J2.2.1	8.3.3	Construct the subbase course with material from commercial sources				
J2.2.1.1		(3) C4 material compacted to 97% modified AASHTO (stabilising agent measured elsewhere)	m³	80,0		
J2.2.2	8.3.5(d)	Process subbase material by the following processes, as relevant, and use in the subbase				
J2.2.2.1		d) Stabilization	m³	80,0		
J2.2.3	8.3.8	Stabilising agent				
J2.2.3.1		a) Road lime	t	1,0		
J2.2.3.2		b) Portland cement	t	4,0		
J2.3	SABS 1200MJ	SEGMENTED PAVING				
J2.3.1	8.2.2	Construction of Paving Complete				
J2.3.1.1		(1) 60mm Type A interlocking precast concrete paving in herringbone pattern on 20mm sand	m²	600,0		
J2.3.2	8.2.3	Cutting Units to Fit Edge Restraints	m	720,0		
J2.3.3	8.2.4	Rolling to Locked-up Condition as Specified in 5.6.2 (Provisional)	m²	600,0		
J2.3.4	8.2.5	Trial Section, not Part of Permanent Works (size stated)	m²	50,0		
Section J2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

NYIBIBA STREET

SECTION J2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section J2 Brought forward						
J2.4	SABS 1200MK 8.2.1	KERBING AND CHANNELING				
J2.4.1		Concrete Kerbing (Grade of concrete for cast-in-situ concrete and type and figure or drawing number stated)				
J2.4.1		(1) Precast rectangular kerb (Fig.10) on screed and 20MPa continuous backing concrete				
J2.4.1.1		a) Exceeding 4m radius up to 20m radius	m	10,0		
J2.4.1.2		b) Exceeding 20m radius (including straight)	m	720,0		
J2.4.2	8.2.4	Depressed Kerbs	m	5,0		
J2.5	8.3.1	ROAD SIGNS				
J2.5.1		Sign faces with Painted or Galvanized (as Stated) Background, with Painted Symbols, Characters, Legend, and Borders, and with Signboards Constructed from				
J2.5.1.1		a) Aluminium sheet (2,0 mm thick), of area				
J2.5.1.1.1		Over and Up to 1) - 2 m²	m²	1,0		
J2.5.2	8.3.2	Provision and Application of Retro-reflective Material				
J2.5.2.1		a) Engineering grade retro-reflective background, characters, symbols, legend, and borders	m²	1,0		
J2.5.2.2		c) High intensity grade characters, symbols, legened, and borders and engineering grade retro-reflective background	m²	0,05		
J2.5.3	8.3.3	Sign Supports				
J2.5.3.1		b) Steel tubing (protective treatment, if any, stated)				
J2.5.3.1.1		(1) Hot-dipped galvanized	No.	10,0		
J2.5.3.2		c) Timber (diameter and type indicated) complying with				
J2.5.3.2.1		(1) 75mm nominal diameter	m	3,0		
J2.5.3.2.2		(2) 100mm nominal diameter	m	3,0		
Section J2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

NYIBIBA STREET

SECTION J2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section J2 Brought forward						
J2.5.4	8.3.4	Excavation and Backfilling and Concreting (if any) for Sign Supports (material to be used for backfil stated)				
J2.5.4.1		(1) Soilcrete backfill	m³	0,2		
J2.5.5	8.3.6	Statutory Signs, Street Names, and the Like, Supplied and Erected Complete				
		Signs as detailed in the latest edition of the SADC Road Traffic Signs Manual				
J2.5.5.1		(1) R1 "Stop" (610mm width)	No.	2,0		
J2.5.5.2		(2) R2 "Yield" (600mm)	No.	1,0		
J2.5.5.3		(3) W332 "Speed hump Warning Signs"	No.	2,0		
J2.5.5.4		(4) W401 "Hazard markers"	No.	2,0		
J2.5.5.5		(5) W402 "Hazard markers"	No.	2,0		
J2.5.6	8.3.7	Dismantling and Re-erection of Roads Signs having Surface Area of				
J2.5.6.1		Over and Up to 1) - 2 m²	No.	1,0		
J2.6		ROAD MARKINGS				
J2.6.1	8.4.1	Non-reflectorized Paint Applied at Nominal Rate of 0,42 l/m² (or Proprietary Brand Road-Marking Material (Nominal Rate of Application and Particulars Stated), as Scheduled				
		Retroreflective solvent based road marking paint applied at a nominal rate of 0,42 l/m²				
J2.6.1.1		a) White lines (broken or unbroken)(width of line indicated)				
J2.6.1.1.1		(1) 100mm wide	km	0,001		
J2.6.1.1.2		(2) 300mm wide	km	0,001		
J2.6.1.2		b) Yellow lines (broken or unbroken)(width of line indicated)				
J2.6.1.2.1		(1) 100mm wide	km	0,001		
J2.6.1.3		c) White characters and symbols	m²	20,0		
Section J2 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

NYIBIBA STREET

SECTION J2: ROADWORKS

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section J2 Brought forward						
J2.6.2	8.4.2	Variation in Rate of Application from that Stated in Item 8.4.1				
J2.6.2.1		a) White paint	ℓ	2,0		
J2.6.2.2		b) Yellow paint	ℓ	2,0		
J2.6.2.3		c) Glass beads	kg	1,0		
J2.6.2.4		d) Proprietary brand road-marking material	ℓ	2,0		
J2.6.3	8.4.4	Setting out and Premarking				
J2.6.3.1		a) Lines (excluding traffic island markings, characters, and symbols)	km	0,001		
J2.7	SABS 1200GA	CONCRETE (SMALL WORKS)				
J2.7.1		SPEEDHUMPS				
		Scheduled Formwork Items				
J2.7.1.1	8.2.1	Rough (Sides for Speedhump on Typical Details S114-rev2)	m²	5		
		Schedule Reinforcement Items				
J2.7.1.2	8.3.2	High-Tensile Welded Mesh (Mesh Ref 193)	m²	10,0		
		Schedule Concrete Items				
J2.7.1.3	8.4.1	Prescribed Mix Concrete (Concrete Grade 30/19)	m³	2,5		
		Unformed Surface Finishes				
J2.7.1.4	8.4.4	b) Steel-floated finish	m²	10,0		
TOTAL SECTION J2 :						
Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

NYIBIBA STREET

SECTION J3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
J3		SECTION J3: STORMWATER				
J3.1	SANS 1200DB 8.3.2	EARTHWORKS (PIPE TRENCHES)				
J3.1.1		a) Excavate in all materials for trenches, backfill, compact and dispose of surplus material	m³	5,0		
J3.1.1.1						
J3.1.1.2		b) Extra-over item (a) above for:				
J3.1.1.2.1		1) Intermediate excavation	m³	1,0		
J3.1.1.2.2		2) Hard rock excavation	m³	1,0		
J3.1.1.3		c) Excavate and dispose of unsuitable material from	m³	1,0		
J3.1.2	8.3.3 PSDB 8.3.3.1	Make up deficiency in backfill material (provisional)				
J3.1.2.1		a) from necessary excavations on site	m³	1,0		
J3.1.3	8.3.3.3	Compaction in road reserves	m³	5,0		
J3.1.4	8.3.3.4	Overhaul				
J3.1.4.1		a) Limited overhaul	m³	10,0		
J3.1.5	8.3.5	Existing Services that Intersect or Adjoin a Pipe Trench				
J3.1.5.1		a) Services that intersect a trench (angles between centre-lines in plan of 45-90°)				
J3.1.5.1.1		1) Water erf connections	No.	1,0		
J3.1.5.1.2		2) Electrical cable erf connectios	No.	1,0		
J3.1.5.2		b) Services that adjoin a trench				
J3.1.5.2.1		1) Water erf connections	m	1,0		
J3.1.5.2.2		2) Electrical cable erf connectios	m	1,0		
J3.1.6	8.3.6	Finishing				
J3.1.6.1	8.3.6.1	Reinstate road surfaces complete with all courses				
J3.1.6.1.1		e) 60mm Concrete paving bricks / blocks	m²	5,0		
J3.2	SABS 1200LB	BEDDING (PIPES)				
J3.2.1	8.2.1	Provision of Bedding from Trench Excavation				
J3.2.1.1		a) Selected granular material	m³	1,0		
J3.2.1.2		b) Selected fill material	m³	1,0		
Section J3 Carried forward/....						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)

TENDER No.: T07 OF 2024/25

NYIBIBA STREET

SECTION J3: STORMWATER

ITEM N°	PAYMENT	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
Section J3 Brought forward						
J3.2.2	8.2.2	Supply only of Bedding by Importation				
J3.3	SABS 1200LE	STORMWATER DRAINAGE				
J3.3.1	8.2.1	Supply and Lay Concrete Pipe Culverts on Class B bedding (type, class, and nominal diameter of pipes, and special jointing)				
J3.3.1.1		(1) Class 100D, 375mm diameter	m	5,0		
J3.3.2	8.2.8	Supply and Install Manholes, Catchpits, and the Like				
J3.3.2.1		a) Manholes as per Drawing 8040-001-RCS-504	No.	1,0		
J3.3.2.2		b) Catchpits as per Drawing 8040-001-RCS-504	No.	1,0		
J3.3.2.3		c) Extra over or under item (a) above for variation in depth of manholes from the standard depth designated for purposes of tendering (standard depth and type of manhole stated)	m	1,0		
J3.4	SABS 1200DK	GABIONS AND PITCHING				
J3.4.1	8.2.1	Surface preparation fro bedding of gabions				
J3.4.1.1		a) Cavities filled with approved excavated material or rock	m²	1,0		
J3.4.1.2		b) Cavities filled with grade 15 concrete (provisional)	m²	1,0		
J3.4.2	8.2.2	Gabions				
J3.4.2.1		1) 1m x 1m x 1m	m³	1,0		
J3.4.3	8.2.4	Geotextile (or geomembrane)	m²	1,0		
J3.4.4	8.2.5	Pitching				
J3.4.4.1		1) Grouted pitching on slopes up to 5%	m²	1,0		
J3.4.4.2		2) Grouted pitching on slopes exceeding 5% and up to	m²	1,0		
J3.4.4.3		3) Grouted pitching on slopes exceeding 10%	m²	1,0		
TOTAL SECTION J3 :						
Carried Forward to Schedule Summary						

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)
TENDER No.: T07 OF 2024/25

NYIBIBA STREET

SECTION	DESCRIPTION	AMOUNT
Section J1	Site Clearance	
Section J2	Roadworks	
Section J3	Stormwater	
SUB-TOTAL SCHEDULE C CARRIED FORWARD TO PRICING SCHEDULE SUMMARY		

SURFACING OF GRAVEL ROADS IN CONCORDIA (WARD 4)
TENDER No.: T07 OF 2024/25

SUMMARY

SECTION	DESCRIPTION	PRICE
Summary A	PRELIMINARY AND GENERAL	
Summary B	TSHONA STREET	
Summary C	GIJIMA 1 STREET	
Summary D	GIJIMA 2 STREET	
Summary E	RHOBOLOLO 1 STREET	
Summary F	RHOBOLOLO 2 STREET	
Summary G	SKHEPHU 1 STREET	
Summary H	SKHEPHU 2 STREET	
Summary I	NKANDLA STREET	
Summary J	NYIBIBA STREET	

SUBTOTAL _____

ALLOWANCE 10% FOR CONTINGENCIES AS DIRECTED BY THE
ENGINEER AND TO BE DEDUCTED IN WHOLE OR IN PART IF NOT _____

SUBTOTAL _____

ALLOW 15% VALUE ADDED TAX _____

CONTRACT SUM (Carried to Form of Offer, Page C1-2) _____

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise, confirms that the contents of this schedule are within my personal knowledge and are to the best of my belief both true and correct.

Signed :

Date :

Name :

Position :

Tenderer :