

HESSEQUA MUNICIPALITY

HES-TECH 26/2627: UPGRADING OF ROADS AND STORMWATER IN STATION STREET, ALBERTINIA (2026/2027)

C2.2: BILL OF QUANTITIES

1. PRELIMINARY AND GENERAL

ITEM NO	PAYMENT CLAUSE	DESCRIPTION	UNIT	QTY	RATE	AMOUNT R (VAT EXCL.)
A	SABS 1200A	PRELIMINARY AND GENERAL				
A.1	8.3	FIXED-CHARGE ITEMS				
A.1.1	8.3.1	Contractual requirements	Sum	1		
A.1.2	8.3.2	Establish facilities on the site				
A.1.2.2	8.3.2.2	Facilities for contractor				
A.1.2.2.1		Offices and storage sheds	Sum	1		
A.1.2.2.2		Living accommodation	Sum	1		
A.1.2.2.3		Ablution and latrine facilities	Sum	1		
A.1.2.2.4		Tools and equipment	Sum	1		
A.1.2.2.5		Water supplies, electric power and communications	Sum	1		
A.1.2.2.6	8.3.3	Other fixed-charge obligations (Specify) _____	Sum	1		
A.1.2.3	8.3.4	Remove Contractor's site establishment on completion of contract	Sum	1		
A.2	8.4	TIME-RELATED ITEMS				
A.2.1	8.4.1	Contractual requirements	Sum	1		
A.2.2	8.4.2	Operation and maintenance of facilities on site for duration of construction				
A.2.2.1	8.4.2.2	Facilities for Contractor				
A.2.2.1.1		Offices and storage sheds	Sum	1		
A.2.2.1.2		Living accommodation	Sum	1		

A.2.2.1.3		Ablution and latrine facilities	Sum	1		
A.2.2.1.4		Tools and equipment	Sum	1		
A.2.2.1.5		Water supplies, electric power and communications	Sum	1		
A.2.2.1.6		Dealing with water	Sum	1		R 50,000.00
A.2.2.1.6	8.4.3	Supervision for duration of construction	Sum	1		
A.2.2.1.7		Other time-related obligations(Specify)_____	Sum	1		
A.3	PS A 8.9	OCCUPATIONAL HEALTH AND SAFETY MEASURES				
A.3.1	8.9.2	Compilation and maintenance of a Health and Safety Plan, including Risk Assessments, Safe Work Procedures and Method Statements.	Sum	1		
A.3.2	8.9.3	Compilation and maintenance of the Health and Safety File.	Sum	1		
A.3.3		General safety obligations	Sum	1		
TOTAL CARRIED FORWARD TO SUMMARY						

2. SITE CLEARANCE

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (R.c) (VAT EXCL.)
B1	SABS 1200 C	SECTION B: SITE CLEARANCE				
B1.1	8.2.8	Demolish and remove miscellaneous structures:				
B1.1.1		Existing precast kerbs	m	3 626		
B1.1.2		Existing concrete channel	m	3 626		
TOTAL CARRIED FORWARD TO SUMMARY						

3. ROADS

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT R (VAT EXCL.)
STATION STREET: ALBERTINIA						
C1	COLTO 2200	SECTION C: REMOVING EXISTING CONCRETE				
C1.1	22.12	b) Removing existing concrete:				
C1.1.1		190mm thick reinforced concrete road (break down and remove material from site)	m³	3 803		
C2	COLTO 3300	MASS EARTHWORKS				
C2.1	B33.04	Cut to spoil, including haulage to site determined by Contractor. Material obtained from:				
C2.1.1		Intermediate excavation	m³	2 502		
ROADWORKS						
C3	SANS 1200 ME	SUBBASE				
C3.1	8.3.5	Process existing subbase material by stabilization to new 150mm C4 material	m³	3 003		
C3.2	8.3.8	Stabilization Agent: Portland Cement	t	240		
C3.3		Supply and install Bidim A4 (or approved equivalent) geotextile separator layer.	m²	20 018		
C4	SANS 1200 MF	BASE				
C4.1	8.3.3	Construct 125mm G2 base course compacted to 100% of MAMDD with material from commercial sources	m³	2 502		
C5	COLTO 4100	PRIME				
C5.1	41,01	Prime Coat:				
C5.1.1		MC -30 cut-back bitumen at a rate of 0,7l/	m²	20 018		

C6	COLTO 4200	ASPHALT				
C6.1	B42.02	Asphalt surfacing (using 50/70 penetration grade bitumen)				
C6.1.1		Continuously graded, medium grade 40mm	m³	764		
C7		ROAD RESERVE				
C7.1	SANS 1200 C	SITE CLEARANCE				
C7.1.1	8.2.10	Removal of 175mm topsoil from road reserves to stockpile and disposal.	m³	659		
C7.2	SANS 1200 MF	BASE				
C7.2.1	8.3.3	Construct 100 mm G5 base course, compacted to 95% MOD AASHTO with material from commercial sources.	m³	400		
C7.2.2		Supply, mix, place, and compact a 75mm thick cemented-stabilized crusher dust surface layer to final levels.	m³	284		
C7.3	SANS 1200 MJ	SEGMENTED PAVING				
C7.3.1	8.2.2	Construct concrete paving bevel paver (200x100x50mm). Natural grey colour with smooth finish.	m²	757		
C7.3.2	8.2.2	Construct concrete red border paving bevel paver (200x100x50mm).	m²	3027		
C7.3.3		Laying of 20 mm crusher dust	m³	76		
C7	SANS 1200 MK	KERB AND CHANNELING				
C7.1	8.2.1	Precast concrete barrier kerb (BK2) and channel (C1) where radius is: Over and Up to:				
C7.1.1		4 m 20 m	m	2 081		
C7.1.2		(i) > 20 m and straight	m	2 707		
C7.1.3		(ii) Transition kerbs	No	50		
TOTAL CARRIED FORWARD TO SUMMARY						

4. STORMWATER

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT R (VAT EXCL.)
D1	SANS DB	SECTION D: STORMWATER DRAINAGE AND SERVICE DUCTS				
	1200 DB	EARTHWORKS (PIPE TRENCHES)				
D1.1	8.3.2(a)	Excavation				
D1.1.1		Excavate in all materials for trenches, backfill, compact and dispose of surplus material for:				
		Diameter up to 450mm for depth:				
		Over and Up to				
D1.1.1.1		0m 2,0 m	m	700		
D1.2	8.3.8.1(c)	Hand excavation to expose existing services	m³	8		
D1.3		OVERHAUL				
D1.3.1	8.3.3.4	a) Limited overhaul	m³	689		
D1.3.2		b) Long overhaul	m³.km	542		
D2	1200 LB	Bedding				
D2.1	8.2.2	Supply only of bedding by importation				
D2.1.1	8.2.2.3	Provision of bedding material compacted to 90% of MAASHTO density (100% of sand) with material from commercial sources				
D2.1.1.1		Selected granular material (cradle)	m³	273		
D2.1.1.2		Selected fill material (blanket)	m³	424		
D3	1200 LE	Pipework				
D3.1	8.2.1	Supply, Lay, concrete pipe:				
D3.1.1		450mm dia Class 100D Ogee	m	700		
D4	1200 LE	Supply and install manholes, catchpits, headwalls and the like				
D4.1	8.2.8 (a)	Precast concrete manhole, where invert depth is:				

		Over and Up to				
D4.1.1		0,0 m 1,5 m	No	3		
D4.1.2		1,5 m 2,0 m	No	3		
D4.2	8.2.8 (b)	Single inlet catchpit to detail including transitional channels upstream and downstream of catchpit where invert depth is:				
		Over and Up to				
D4.2.1		0,0 m 1,5 m	No	0		
D4.2.2		1,5 m 2,0 m	No	0		
D4.3	8.2.8 (b)	Double inlet catchpit to detail including transitional channels upstream and downstream of catchpit where invert depth is:				
		Over and Up to				
D4.3.1		0,0 m 1,5 m	No	1		
D4.3.2		1,5 m 2,0 m	No	2		
D4.4		Connect to existing stormwater manhole	No	1		
TOTAL CARRIED FORWARD TO SUMMARY						

SUMMARY
HES-TECH 26/2627: UPGRADING OF ROADS AND STORMWATER IN STATION STREET, ALBERTINIA (2026/2027)

SUMMARY		
Section	Description	Amount (R.c) (VAT Excl.)
1	PRELIMINARY AND GENERAL	R
2	SITE CLEARANCE	R
3	ROADS	R
4	STORMWATER DRAINAGE	R
SUB-TOTAL A (Vat Excl.)		R
CONTINGENCIES (20%)		R
SUB-TOTAL B (Vat Excl.)		R
VAT (15%)		R
TOTAL (Vat Incl.)		R

DECLARATION,

I, THE UNDERSIGNED NAME)
 CERTIFY THAT THE INFORMATION FURNISHED ABOVE IS CORRECT. I ACCEPT THAT THE
 MUNICIPALITY MAY ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

AUTHORISED SIGNATURE:

NAME:

CAPACITY: DATE: