

SANS 1200 A - GENERAL		SECTION 1200 A				
PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUANTIT Y	RATE	AMOUNT
SANS 1200	1	GENERAL				
8.3	1.1	Scheduled fixed-charge and value- related items:				
PSA 8.3.1	1.1.1	Contractual Requirements	sum	1		
PSA 8.3.2	1.1.2	Establishment of Facilities on Site				
8.3.2.1	1.1.2.1	a) Telephone	sum	1		
		b) Nameboards 1	sum	1		
		c) Survey assistants and equipment(profiling of chainages)	sum	1		
8.3.2.2	1.1.2.2	Facilities for Contractor				
		a) Offices and storage sheds	sum	1		
		b)laboratory(testing of existing layer and stabilazation design of C3)	sum	1		
		c) Tools and equipment	sum	1		
		d) Ablution and latrine facilities	sum	1		
		e) temporary road sign and flags	sum	1		
8.3.3	1.1.3	Other fixed charge obligations: Contractor to submit details:				
		a).....	sum	1		
8.3.4	1.1.4	Removal of Site Establishment and camp on completion	sum	1		
8.4	1.2	Scheduled time-related items:				
PSA 8.4.1	1.2.1	Contractual requirements	Months	3		
8.4.2	1.2.2	Operation and maintanance of facilities on site, for duration of construction, except where otherwise stated	Months	3		
1200 A	Carried forward					

SANS 1200 A - GENERAL		SECTION 1200 A				
1200A	Brought Forward					
PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		Brought forward				-
	1.4.5	Community Liaison Officer remuneration (R4500.00 per month)	Prov Sum	1	13500	13,500.00
	1.4.6	Charge required by Contractor on subitem 1.4.5 above		13500		
	1.4.7	PSC team remuneration (R350.00 per sitting)	Prov Sum	1	10500	10,500.00
	1.4.8	Charge required by Contractor on subitem 1.4.7 above		10500		
PSA 8.8	1.6	Temporary Works				
PSA 8.8.2	1.6.1	Accommodation of traffic				
		Provide and maintain access roads				
	1.6.1.1	and adjacent streets including		0.5		
		reinstatement of roads on completion		1.5		
PSA 8.8.4	1.6.2	Location and protection of existing services:				
	1.6.2.1	Provision of detecting devices for:				
	1.6.2.1.	Electrical poles and other cables	No.	1		rate only
		Hand excavation necessary for	m ³	5		rate only
	1.6.2.2	excavating for locating and exposing existing services in all materials:	m ³	5		rate only
	1.6.2.2.	In roadways	m ³	5		
	1.6.2.2.	In all other areas	m ³	5		
PSA 8.9	1.7	Compensation in terms of delays due to the circumstances described in GCC guidelines		5		
		Compliance with OHS Act and				
PSA 8.10	1.8	Regulations (including the		1		
		Construction Regulations, 2003)				
		Training of unskilled and semi-				
	1.9	skilled workers by accredited				
		institutions				
	1.9.1	Accredited Training	Prov Sum	1	75000	75,000.00
	1.9.2	Charge required by Contractor on subitem 1.9.1 above		75000		
TOTAL SECTION 1200 A CARRIED TO SUMMARY						

SANS 1200 C - SITE CLEARANCE

SECTION 1200 C

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
SANS 1200	2	SITE CLEARANCE				
PSC 8.2.1	2.1	Clear and grub:				
	2.1.1	Road 1 and road 1A Areas	m ²	20		
	2.1.2	Existing stormwater v-drain area	m ³	30		
8.2.2	2.2	Remove and grub small trees and tree stumps of girth:				
	2.2.1	Over 1,0 m and up to and including 2,0m	No.	0		Rate only
8.2.5	2.3	Take down existing fences	km	0		
		Transport materials and debris to				
8.2.9	2.4	unspecified Site and dump up to	m ³ .km	100		
		5km				
PSC 8.2.7	2.5	Dismantle and remove:				
	2.5.1	Remove existing concrete channel				
	2.5.1.1	up to 150mm thick	m	200		
	2.6	Movement of services	sum	1		
	2A	STORMWATER FROM EXISTING KERB INLETS				
PSC 8.2.4	2A.1	Clean up the existing blocked inlets	m ³	1		Rate only
PSC 8.2.7	2A.2	Remove the existing concrete pipes	m	1		Rate only
	TOTAL SECTION 1200 C CARRIED TO SUMMARY					

SANS 1800 - ROADWORKS

SECTION 1800

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	2	<u>DAYWORKS</u>				
	2.1	labourers				
	1	unskilled	day	45		
	2	semi-skilled	day	45		
	3	skilled worker	day	45		
	4	foreman	day	45		
	2.2	Plant				
	1	tipper truck(5-10 Ton)	Hour	1		
	2.0	TLB	Hour	1		
	3	Recycling machine	Hour	1		
	4.0	Excavator	Hour	1		
	5	Grader (140 G or similar)	Hour	1		
	6.0	Water Cart (16000 L minimum)	Hour	1		
	7	Roller (13 Ton)	Hour	1		
	8	walk behind roller (7ton min)	Hour	30		
	9	Bakkie(LDV)	Hour	1		
	2A	DEALING WITH EXISTING SERVICES				
	2A.1	Clean up the existing weed and using special chemicals	m ²	500		
	2A.2	Siltage removal	m ²	900		
	2A.3	Remove the existing concrete	m	180		
TOTAL SECTION 1800 ME CARRIED TO SUMMARY						

SANS 1200 ME - SUBBASE		SECTION 1200 ME				
PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	1	Site establishment of recycling team and de-establishment(grader,Recycling Machine,grid roller,smooth roller and water cart)	item	1		
SANS 1200 8.3.1 8.3.8 PSME 8.3.9	8 8,1 8.1.1 8.1.1.1 8.1.1.2 8.1,1,3 8,2 8.2.1 8.2.1.1	SUBBASE &BASE Construct the subbase Recycling of surfaced road together with Base and subbase (200mm)layer with 3% of 32.5N Lafarge Road Cement to achieve a C3,COMPACTED TO 98 MOD AASHTO Road 1(site establishment/de-establishment of team for grader,padfoot,roller ,water cart,recyling machine and broom for labour of two days work)	m ³	666		
		Application of weed killing chemicals	m ²	100		
		Stabilizing agent: Lafarge road cement Road 1	t	30		
		Overhaul (haul exceeding 2 km): Limited overhaul	m ³	1		Rate Only
		TOTAL SECTION 1200 ME CARRIED TO SUMMARY				

SANS 1200 MH - ASPHALT BASE AND SURFACING			SECTION 1200 MH			
PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
		Sealing team site establishment and de-establishment	item	1		
SANS 1200 8.5.1 8.5.3 8.5.4	10 10,1	ASPHALT BASE AND SURFACING Prime coat: Prime coat of tar prime grade RTH 3/12P at the nominal rate of 0.8l/m ² Road 1	m ²	4440		
		Tack coat:30% stable-grade emulsion Road 1	m ²	14800		
		Asphalt surfacing: 30mm thick Continuously graded medium asphalt 80/100 bitumen binder; Road 1	t	1184		
8.5.5						
	10,4 10.4.1	Variations in quantities of prime, curing and tack coats, and bituminous binders: RTH 3/12P or RTL 3/12P tar prime	litre	1		Rate only
	TOTAL SECTION 1200 MH CARRIED TO SUMMARY					

PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
SANS 1200 MK		<u>KERBING AND CHANNELLING</u> Precast concrete kerbing: Lay precast kerbs of type SABS 927 Radius over 4 m up to 20 m				
PSMK 8.2.1		Road 1	m	100		
		Radius over 20 m and straight sections: Road 1	m	100		
		200mm wide x 150mm deed edge beams(19/25Mpa) Road 1 & 2	m	1		rate only
		Continuous 15 Mpa insitu concrete backing; Road 1& 2	m ³	5		
		TOTAL SECTION 1200 MK CARRIED TO SUMMARY				

SECTION 1200 MM SANS 1200 MM - ANCILLARY ROADWORKS						
PAYMENT REFERS TO	ITEM NO	DESCRIPTION	UNIT	QUANTIT Y	RATE	AMOUNT
SANS 1200 MM		<u>ANCILLARY ROADWORKS</u>				
8,3 8.3.1 8.3.3 8.3.4	12 12,2 12.2.1 12.2.1.	PERMANENT ROAD SIGNS Sign faces with galvanized background, painted symbols, characters, legends and borders with signboard constructed from: Sheet steel, (1,6 mm thick), of area Up to 2 m²	m²	30		
		Sign supports:	No.			Rate Only
		Timber, 100mm dia and 4,2m lengths treated poles, complying with 3.2.10	No.			Rate Only
		Steel tubing, 75mm dia and 3,6m length galvanised pole	No.	16		
		Excavation and backfilling and concreting for sign supports: Compacted backfilling in layers of 100mm with 1:12 cement soil mixture	m³	6		
8,4 8.4.1 8.4.2 8.4.4	12,3 12.3.1 12.3.1. 12.3.1.2	<u>ROAD MARKINGS</u> Proprietary brand road marking material applied at nominal rate of 0,42 litre/m²: White lines (broken or unbroken): 100 mm wide	km	2.5		
		White characters and symbols	m²	350		
		Variation in rate of application from that stated in items 12.3.1: White paint	litre	1		Rate Only
		Setting out and premarking Lines (excluding traffic island markings, charecters and symbols)	km	2.5		
		Construct speed humps at the indicated chainages according to detail provided in drawings, The construction must include all labour, materials, signs and paint markings complete to detail. Speed humps	No.	4		
TOTAL SECTION 1200 MM CARRIED TO SUMMARY						

SUMMARY OF SECTIONS			
Section	Description	Amount R	
1200 A	GENERAL REQUIREMENTS AND CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS		
1200 C	SANS 1200 C - SITE CLEARANCE		
1800	DAYWORKS		
1200 ME	BASE & SUB-BASE		
1200 MH	ASPHALT BASE AND SURFACING		
1200 MK	KERBING AND CHANELLING		
1200 MM	ANCILLARY ROADWORK		
SUBTOTAL 1			
Add 5% Contigencies			
SUBTOTAL 2			
Add 15% VAT			
Total Contract Amount			