



## **Overstrand Municipality**

**TENDER SC 929/2010 - SUPPLY and DELIVERY of CONSTRUCTION MATERIALS for the period 1 OCTOBER 2010 – 30 SEPTEMBER 2011**

### **CONTENTS**

1. Advertisement.(invitation to bid)
2. Notice to Tenderers.
3. Specifications
  - Section A** - BITUMENOUS PRODUCTS
  - Section B** - CRUSHED STONE, DUST, SAND, GRAVEL
  - Section C** - PRECAST CONCRETE PRODUCTS
  - Section D** - STORMWATER PIPES
  - Section E** - BRICKS, BLOCKS, PAVERS
  - Section F** - MANHOLE COVERS ETC.
  - Section G** - WATER MAINS & FITTINGS
  - Section H** - WATERMETERS & BOXES
  - Section I** - SEWER MAINS AND FITTINGS
  - Section J** - HIRING OF PLANT / MACHINERY
  - Section K** – PROPOSED ALTERATIONS TO TENDER DOCUMENTS
4. Pricing Schedule.
  - Section A** - BITUMENOUS PRODUCTS
  - Section B** - CRUSHED STONE, DUST, SAND, GRAVEL
  - Section C** - PRECAST CONCRETE PRODUCTS
  - Section D** - STORMWATER PIPES
  - Section E** - BRICKS, BLOCKS, PAVERS
  - Section F** - MANHOLE COVERS ETC.
  - Section G** - WATER MAINS & FITTINGS
  - Section H** - WATERMETERS & BOXES
  - Section I** - SEWER MAINS AND FITTINGS
  - Section J** - HIRING OF PLANT / MACHINERY
5. MBD 1 – Invitation to bid
6. MBD 2 - Tax requirements
7. MBD 4 - Declaration of interest
8. MBD 8 - Declaration of bidders past supply chain management practices
9. MBD 7.1
10. Procurement points
  - 8.1. MBD 6.1 - Woman equity & PDI ownership
  - 8.2. MBD 6.9 - Local province
  - 8.3. MBD 6.10 - Local district
  - 8.4. MBD 6.11 - Local municipality
11. General Conditions of tender
12. General Conditions annex “A”
13. Overstrand Municipality Supplier database registration forms.
14. Proposed alterations to tender documents

Name of Tenderer: \_\_\_\_\_

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

## **2. Notice to Tenderers**

### **1. PRICE**

The prices tendered must include all labour and other costs involved in manufacturing, sorting, loading, carting and off loading in Gansbaai, Stanford, Kleinmond and/or Hermanus. **All prices must include VAT.** Tenderers may tender for any or all the items in the pricing schedule.

#### **.1 PRICE VARIATIONS**

All prices (except for bitumen products) must be fixed and must hold firm for the tender period of one year.

Price escalation (rise and fall in terms of CPAF indices) will apply for all bitumen products

### **2. FAILURE TO COMPLY WITH TENDER**

In the event of the successful tenderer failing to comply with the terms and conditions of his tender, or in the case that goods or materials are faulty or not in accordance with the specifications of approved samples or not to the satisfaction of the Engineer, the Municipality shall have the right to reject the goods all together and to treat the contract as at an end and to purchase elsewhere.

### **3. DELIVERY TIME**

The Contractor will be given an official order for the exact amounts of specific materials required at least five working days (Monday to Friday) in advance of date required.

### **4. MINIMUM OF ORDER**

In the form of tender the tenderer must state the minimum quantity in number, liters or cubic meters, which will constitute one load. When accepting the tender the Municipality will place an order in multiples of the full load as offered by the successful tenderer.

### **5. TAKING DELIVERY**

The Municipality will take delivery of all materials on the site of the works as directed by the Engineer. The spray emulsion will have to be delivered and sprayed on the road in the application as requested by the Engineer.

No deliveries will be acknowledged for which the tenderer cannot produce an acceptance note signed by one of the municipality's officials. In this regard the tenderer will have to acquaint themselves with the recognized working hours and holidays of Overstrand Municipality.

Notwithstanding the above clause the tenderer can effect deliveries outside working hours by arrangement with the Engineer.

### **6. INSURANCE CLAIMS, ETC.**

The Municipality shall not be liable in respect of any claims, damages, accidents, etc. to persons, properties, vehicles, rights, etc., which may arise from the carrying out of this contract.

The tenderer shall insure his labourers, drivers and all plant involved in the fulfillment of this contract and shall indemnify the Municipality against all risks and claims.

### **7. PAYMENTS**

Payments will be made to the Contractor no later than 30 days after receiving of invoice.

Name of Tenderer: \_\_\_\_\_

2

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

8. **DISPUTES**

In the event of a dispute arising between the Municipality and the tenderer in regard to the contract, the decision of the Engineer shall be final and binding.

9. **ADDITIONAL CONDITION OF CONTRACT**

This Contract does not bind the Municipality to procure goods/services from the adjudicated bidder / supplier.

Should the tenderer wish to make any alterations or amendments to the contract documents, such alterations and amendments must be specifically mentioned in Section 2, which is provided for the purpose.

Name of Tenderer: \_\_\_\_\_

3

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

### **3.SPECIFICATIONS**

#### **SECTION A BITUMINOUS PRODUCTS**

All bituminous products shall comply with SANS Standard Specifications for Bituminous Road Binders.

#### **Bituminous Spray Emulsions**

To be standard 60% and 65% spray grade emulsions. Tenderers to tender for both, cationic and anionic emulsions.

#### **Bituminous Slurry Seal Emulsions**

The slurry seal emulsions shall be especially stable, delivered in drums to the site or in bulk if a slurry seal mixing and spreading is available.

#### **Premix**

All premix-products shall comply with SANS Standard Specifications.

Tenderers to tender for site establishment as well as a rate for placing the product, per ton.

Cold premix in bags of 30kg and/or 25kg to be supplied

Name of Tenderer: \_\_\_\_\_

4

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION B  
AGGREGATE FOR SURFACE TREATMENT, CRUSHED STONE AND DUST, GRAVEL,  
BUILDING SAND**

The aggregate and crushed stone shall be properly screened, cubic in shape and free of dust and shall comply with COLTO spec 1998/SANS 1200. When called upon the tenderer shall submit a test sample of at least one cubic meter for testing

**SECTION B.1 & 2  
ROAD STONE**

All material to be delivered will be washed and free of dust.

**SECTION B.3  
CRUSHER DUST**

The crusher dust must have a sieve analysis of:

Sieve Size	Lower Limit	Upper Limit
.075	5	10
.15	7	15
.300	10	22
.600	20	34
1.18	32	47
2.36	45	60
4.75	70	100
6.7	100	100

**SECTION B.4  
GRAVEL FOR ROAD MAKING**

This material is to be used for the re-gravelling of roads. The material may consist of either a natural gravel or crusher-run material. It shall comply with SANS Standard Specifications.

The gravel must comply with the following parameters

Sieve Size	% Passing
53	100
37,5	100 - 95
26,5	84 - 94
19	71 - 84
13,2	59 - 75
4,75	36 - 53
2,00	23 - 40
0,425	11 - 24
0,075	4 - 12

$$12 > PI > 6$$

$$CBR @ 95\% \text{ Mod AASHTO} > 15$$

**SECTION B.5  
BUILDING SAND**

Building sand shall be clean of foreign materials.

Name of Tenderer: \_\_\_\_\_

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION C  
PRECAST CONCRETE PRODUCTS**

Kerbs and Channels to comply with the SANS 927 Standard Specification.

The tenderer shall replace all kerbs and channels damaged in transit and in the normal procedure of off loading and storing.

Inlet kerbs to be reinforced with 4 – 12 mm diameter rods.

Cover slabs shall be cast in 1:1½:2 concrete 19mm stone maximum. The reinforcement shall consist of 12mm diameter rods at 75mm centers both ways. All slabs shall be true to shape. Provision should be made for 2 lifting eyes in each slab.

The tenderer shall replace all units damaged in transit and in the normal procedure of off loading. All units and slabs are to be reinforced.

All units shall be inspected and approved by the Engineer on the site of the works and the tenderer will be required to replace all units damaged in the normal procedure of off loading at the works.

Name of Tenderer: \_\_\_\_\_

6

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION D  
STORMWATER PIPES**

All concrete pipes shall be in accordance with SANS Standard Specifications class 100D.

They are to be true, even in shape, size and bore and true lines throughout .

All pipes shall be inspected and approved by the Engineer on the site of the works and the tenderer will be required to replace all pipes damaged in the normal procedure of off loading and storing at the works.

Name of Tenderer: \_\_\_\_\_

7

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION E  
BRICKS & PAVERS**

2<sup>nd</sup> Grade ROK red hard wire cut bricks or cement bricks to be delivered on site.

Building blocks and bricks to comply with the SANS Specifications.

Name of Tenderer: \_\_\_\_\_

8

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION F  
MANHOLE COVERS ETC.**

The following cast iron products are required –

A.Heavy duty type 2A circular cast iron cover and frame withstanding heavy traffic.

B.Light duty circular cast iron cover and frame type 4.

C.Cover and frame type 8A.

D.Fire Hydrant Box type 5. Covers to be connected by chain to the frame.

E.Belltobie type 3A for sluice valves. Belltobie cover to be connected by chain to the frame.

F.Heavy duty circular cast iron cover (slotted) and frame type 2B for stormwater manholes capable of withstanding heavy traffic.

G.Catchpit grid 600 x 400mm.

H.Meter box for rodding eye Type 10

Offers for alternative materials i.e ductile iron and PVC (polymer type) are also requested.

Name of Tenderer: \_\_\_\_\_

9

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION G  
PIPES & FITTINGS FOR WATER MAINS**

All pipes and fittings for watermains to comply with the SANS Standard Specification and JASWIC approved.

All Cast Iron fittings to comply with cast iron fittings for UPVC Pipe to EN 12842 Fusion Bonded Thermoplastic coated internally & externally with Plascoat PPA 571 HES 250 uM . complete with EPDM rubber seal ring.

uPVC Pipe Class 4 – 16 (SABS 966 Part 1)

Hydrant Valves for Waterworks must be London Round (SANS 1128 1 1977)

Sluice Valves (SANS 664: 1999): All valves to be AVK Z-Lock Left-hand closing.

Non–return valves must be the double door type.

Name of Tenderer: \_\_\_\_\_

10

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION H  
WATER METERS**

**Watermeters** to comply with the SANS 1529-1:2003 and must be approved in terms of section 18 of the Trade Metrology Act no 77 of 1973 and regulation 80 of part 2 of the Trade Metrology Regulations. Class "C" accuracy specification.

Watermeters must be wet dial type, fitted with a strainer and non-return valve. Pulse output of 0.5l/pulse for 15mm & 20mm, and 5l/pulse for 25mm is required.

**Combination meters** – in-line combination meter consisting of a vane inferential type water meter, fitted with an integral non-return, pre-calibrated change over valve and an integral volumetric class C bypass meter which is suitable for vertical, horizontal & inclined installation. For logging purposes, both the main and bypass are to be fitted with inductive pulse generators. Flanges dual drilled to suit BS10 table D or SANS 1123 table 16 (BS4504)

**Watermeter boxes** to contain the abovementioned watermeters must be made from polypropylene or a similar compound and be provided with a baseplate and hinged cover.

Name of Tenderer: \_\_\_\_\_

11

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION I  
PIPES AND FITTINGS FOR SEWER MAINS**

All pipes and fittings to comply with the SABS Standard Specifications

uPVC Class 51 – normal duty (100kPa pipe stiffness) (SANS 791: 2002)

uPVC Class 34 – heavy duty (300kPa pipe stiffness) (SANS 791: 2002)

U/G Fittings for Sewer – SABS 1601

Name of Tenderer: \_\_\_\_\_

12

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION J  
HIRING OF PLANT / MACHINERY**

The load capacity of each type of equipment must be specified.

Transport cost, to and from within the Municipality's borders, must be stated.

Tenderer must state minimum hiring / working hours.

The vehicles provided must comply with the Road Regulations and Safety acts.

Name of Tenderer: \_\_\_\_\_

13

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

## **PRICING SCHEDULE**

I/We, the undersigned, hereby tender and, should this tender be accepted, in whole or in part, undertake to supply and deliver in conformity with the conditions and stipulations set out in the conditions of contract and specifications attached hereto, the articles, goods or materials as may be ordered by the Municipality, in consideration of the prices or rates set out below. **(Pricing schedule to be completed in non-erasable black ink.) VAT INCLUSIVE**

### **SECTION A** **BITUMENOUS PRODUCTS**

ITEM NO.	DESCRIPTION	UNIT	GANSBAAI	STANFORD	HERMANUS	KLEINMOND
<b>A.1</b>	<b>CATIONIC 65 %</b>					
(a)	200 l Drum					
(b)	Bulk Delivery & Spray : 0 - 9000 l/day	l/day				
	: 9001 - 14000 l/day	l/day				
	: 14001 - 20000 l/day	l/day				
	: 20001- 25000 l/day	l/day				
<b>A. 2</b>	<b>RUBSPRAY 70 %</b>					
(a)	200 l Drum					
(b)	Bulk Delivery & Spray : 0 - 9000 l/day	l/day				
	: 9001 - 14000 l/day	l/day				
	: 14001 - 20000 l/day	l/day				
	: 20001- 25000 l/day	l/day				
<b>A. 3</b>	<b>PREMIX GRADE - CATIONIC 65 %</b>					
(a)	200 l Drum					
(b)	Bulk Delivery & Spray : 0 - 9000 l/day	l/day				
	: 9001 - 14000 l/day	l/day				
	: 14001 - 20000 l/day	l/day				
	: 20001- 25000 l/day	l/day				
<b>A. 4</b>	<b>SLURRY SEAL - ANIONIC 60 % STABLE MIX</b>					
(a)	200 l Drum					
(b)	Bulk Delivery & Spray : 0 - 9000 l/day	l/day				
	: 9001 - 14000 l/day	l/day				
	: 14001 - 20000 l/day	l/day				
	: 20001- 25000 l/day	l/day				
<b>A. 5</b>	<b>SLURRY SEAL - CATIONIC STABLE MIX 60%</b>					
(a)	200 l Drum					
(b)	Bulk Delivery & Spray : 0 - 9000 l/day	l/day				
	: 9001 - 14000 l/day	l/day				
	: 14001 - 20000 l/day	l/day				
	: 20001- 25000 l/day	l/day				

Name of Tenderer: \_\_\_\_\_

14

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

		UNIT	GANSBAAI	STANFORD	HERMANUS	KLEINMOND
<b>A. 6</b>	<b>BITUMEN PRIME - MC CUTBACK</b>					
(a)	200 l Drum					
(b)	Bulk Delivery & Spray : 0 - 9000 l/day	l/day				
	: 9001 - 14000 l/day	l/day				
	: 14001 - 20000 l/day	l/day				
	: 20001 - 25000 l/day	l/day				
<b>A. 7</b>	<b>BITUMEN PRIME - MC 30</b>					
(a)	200 l Drum					
(b)	Bulk Delivery & Spray : 0 - 9000 l/day	l/day				
	: 9001 - 14000 l/day	l/day				
	: 14001 - 20000 l/day	l/day				
	: 20001 - 25000 l/day	l/day				
<b>A. 8</b>	<b>PREMIX PRODUCTS</b>					
<b>A. 8.1</b>	<b>COLD ASPHALT</b>					
(a)	per bag of 25 kg	R/bag				
(b)	per bag of 30 kg	R/bag				
<b>A. 8.2</b>	<b>"Carbon" based pothole repair mix per bag of 25kg</b>	R/bag				
<b>A. 8.3</b>	<b>COLD WEARING COURSE 13 mm</b>					
(a)	per ton	R/Ton				
<b>A. 8.4</b>	<b>HOT PAVEMENT MIX</b>					
(a)	per ton	R/Ton				
<b>A. 8.5</b>	<b>COLD PAVEMENT MIX</b>					
(a)	per ton	R/Ton				
<b>A. 9</b>	<b>PLACEMENT OF PREMIX PRODUCTS</b>					
(a)	Site Establishment Charge	Sum				
(b)	Machine hire/working day	R /day				
(c)	Application rate/ton : 0 - 250 ton/day					
	: more than 250 ton/day					
(d)	Inclement weather charge/working day	Sum				

Name of Tenderer: \_\_\_\_\_

15

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

## **SECTION B**

### **CRUSHED STONE, DUST, SAND, GRAVEL**

#### **B.1 CONCRETE STONE**

TOWN	UNIT	19mm	13mm	6mm
GANSBAAI	R/m <sup>3</sup>			
STANFORD	R/m <sup>3</sup>			
HERMANUS	R/m <sup>3</sup>			
KLEINMOND	R/m <sup>3</sup>			

**Note:**

**19mm (conversion factor) 1.39 ton = 1m<sup>3</sup>**

**13mm (conversion factor) 1.35 ton = 1m<sup>3</sup>**

**6mm (conversion factor) 1.31 ton = 1m<sup>3</sup>**

#### **B.2 ROAD STONE**

TOWN	UNIT	19mm	13mm	6mm
GANSBAAI	R/m <sup>3</sup>			
STANFORD	R/m <sup>3</sup>			
HERMANUS	R/m <sup>3</sup>			
KLEINMOND	R/m <sup>3</sup>			

**Note:**

**19mm (conversion factor) 1.42 ton = 1m<sup>3</sup>**

**13mm (conversion factor) 1.44 ton = 1m<sup>3</sup>**

**6mm (conversion factor) 1.40 ton = 1m<sup>3</sup>**

#### **B.3 CRUSHER DUST**

TOWN	CRUSHER DUST (R/m <sup>3</sup> )
GANSBAAI	
STANFORD	
HERMANUS	
KLEINMOND	

**Note:**

**Crusher Dust (conversion factor) 1.61 ton = 1m<sup>3</sup>**

#### **B.4 GRAVEL FOR ROAD BUILDING**

TOWN	G5 BASE COURSE (R/m <sup>3</sup> )	BUILDING SAND (R/m <sup>3</sup> )
GANSBAAI		
STANFORD		
HERMANUS		
BETTY,S BAY		
PEARLY BEACH		
BAARDSKEERDESBOS		

**Note**

**G5 (conversion factor) 1.77 ton = 1m<sup>3</sup>**

Name of Tenderer: \_\_\_\_\_

16

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**B.5 SAND**

TOWN	BUILDING SAND (R/m <sup>3</sup> )	PLASTERING SAND (R/m <sup>3</sup> )	FILLING (R/m <sup>3</sup> )	TOPSOIL (R/m <sup>3</sup> )
GANSBAAI				
STANFORD				
HERMANUS				
BETTY,S BAY				
PEARLY BEACH				
BAARDSKEERDEBOS				

**Note**

(Conversion factor) 1.42 ton = 1m<sup>3</sup>

Name of Tenderer: \_\_\_\_\_

17

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION C**  
**PRECAST CONCRETE PRODUCTS**

**C.1 KERBS**

TOWN	UNIT	E1 (1m)	CK 5 (1m)	BK 1 (1m)	C1 (1m)
GANSBAAI	Each				
STANFORD	Each				
HERMANUS	Each				
KLEINMOND	Each				

TOWN	UNIT	E1 (330mm)	CK 5 (330mm)	BK 1 (330mm)	C1 (330mm)
GANSBAAI	Each				
STANFORD	Each				
HERMANUS	Each				
KLEINMOND	Each				

TOWN	UNIT	Inlet Kerb 1m unit	Inlet Kerb 2m unit
GANSBAAI	Each		
STANFORD	Each		
HERMANUS	Each		
KLEINMOND	Each		

**C.2.1 SLABS**

TOWN	UNIT	Paving Slabs (450x450x50)	Paving Slabs (500x500x50)
GANSBAAI	Each		
STANFORD	Each		
HERMANUS	Each		
KLEINMOND	Each		

**C.2.2 HEAVY DUTY COVER SLABS**

TOWN	UNIT	Reinforced Slab (600x600x75)	Reinforced Slab (1000x1000x75)
GANSBAAI	Each		
STANFORD	Each		
HERMANUS	Each		
KLEINMOND	Each		

Name of Tenderer: \_\_\_\_\_

18

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION D**

**STORMWATER PIPES**

**D.1 REINFORCED CONCRETE OG STORMWATER PIPES**

TOWN	UNIT	300mmdia	375mmdia.	450mm dia	600mm dia
GANSBAAI	/m				
STANFORD	/m				
HERMANUS	/m				
KLEINMOND	/m				
PEARLY BEACH	/m				
BAARDSKEERDESBOS	/m				

**D.2 REINFORCED CONCRETE S & S STORMWATER PIPES**

TOWN	UNIT	300mmdia	375mmdia.	450mm dia	600mm dia
GANSBAAI	/m				
STANFORD	/m				
HERMANUS	/m				
KLEINMOND	/m				

**D.3 STRUCTURED WALL STORMWATER PIPES 8Kn/m<sup>3</sup>(Weholite or similar)**

TOWN	UNIT	300mmdia	400mmdia.	450mm dia	600mm dia
GANSBAAI	/m				
STANFORD	/m				
HERMANUS	/m				
KLEINMOND	/m				

Name of Tenderer: \_\_\_\_\_

19

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION E**  
**BRICKS, PAVERS**

**E.1 BRICKS**

TOWN	UNIT	CEMENT	ROK	MAXI 90x220x110
GANSBAAI	/1000			
STANFORD	/1000			
HERMANUS	/1000			
KLEINMOND	/1000			

**E.2 BOND PAVING BRICKS (COLOUR)**

TOWN	UNIT	60mm	80mm
GANSBAAI	/1000		
STANFORD	/1000		
HERMANUS	/1000		
KLEINMOND	/1000		

**E.3 CEMENT BOND PAVERS (PLAIN)**

TOWN	UNIT	60mm	80mm
GANSBAAI	/1000		
STANFORD	/1000		
HERMANUS	/1000		
KLEINMOND	/1000		

**E.4 PAVING BRICKS INTERLOCKING (COLOUR)**

TOWN	UNIT	60mm	80mm
GANSBAAI	/1000		
STANFORD	/1000		
HERMANUS	/1000		
KLEINMOND	/1000		

**E.5 CEMENT PAVERS INTERLOCKING**

TOWN	UNIT	60mm	80mm
GANSBAAI	/1000		
STANFORD	/1000		
HERMANUS	/1000		
KLEINMOND	/1000		

**E.6 CEMENT BLOCKS**

TOWN	UNIT	140mm	190mm
GANSBAAI	/100		
STANFORD	/100		
HERMANUS	/100		
KLEINMOND	/100		

Name of Tenderer: \_\_\_\_\_

20

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION F**

**MANHOLE COVERS ETC.**

**F.1 CAST IRON MANHOLE COVERS ETC.**

- A. Slotted SW Covers and Frames Type 2B
- B. Circular Manhole Covers Heavy Duty Type 2A
- C. Circular Manhole Covers Light Duty 74kg Type 4
- D. Manhole Covers 600 x 450 Type 8A
- E. Fire Hydrant Boxes 300 x 225 Type 5
- F. 600 x 400 Catchpits grits
- G. Bell tobies Type 3A
- H. Meter box for rodding eye Type 10

TOWN	UNIT	A	B	C	D	E	F	G	H
GANSBAAI	Each								
STANFORD	Each								
HERMANUS	Each								
KLEINMOND	Each								

**F.2 DUCTILE IRON MANHOLE COVERS ETC.**

- A. Slotted SW Covers and Frames Type 2B
- B. Circular Manhole Covers Heavy Duty Type 2A
- C. Circular Manhole Covers Light Duty 74kg Type 4
- D. Manhole Covers 600 x 450 Type 8A
- E. Fire Hydrant Boxes 300 x 225 Type 5
- F. 600 x 400 Catchpits grits
- G. Bell tobies Type 3A
- H. Meter box for rodding eye Type 10

TOWN	UNIT	A	B	C	D	E	F	G	H
GANSBAAI	Each								
STANFORD	Each								
HERMANUS	Each								
KLEINMOND	Each								

Name of Tenderer: \_\_\_\_\_

21

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

### F.3 PVC (POLYMER) MANHOLE COVERS

- A. Slotted SW Covers and Frames Type 2B
- B. Circular Manhole Covers Heavy Duty Type 2A
- C. Circular Manhole Covers Light Duty 74kg Type 4
- D. Manhole Covers 600 x 450 Type 8A
- E. Fire Hydrant Boxes 300 x 225 Type 5
- F. 600 x 400 Catchpits grits
- G. Bell tobies Type 3A
- H. Meter box for rodding eye Type 10

TOWN	UNIT	A	B	C	D	E	F	G
GANSBAAI	Each							
STANFORD	Each							
HERMANUS	Each							
KLEINMOND	Each							

Name of Tenderer: \_\_\_\_\_

22

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION G**  
**WATER MAINS & FITTINGS**

**WATERMAINS ( socketed)**

**G.1.1 uPVC Class 9**

TOWN	UNIT	63mm	75mm	90mm	110mm	160mm	200mm	250mm	315mm
GANSBAAI	/m								
STANFORD	/m								
HERMANUS	/m								
KLEINMOND	/m								

**G.1.2 uPVC Class 12**

TOWN	UNIT	63mm	75mm	90mm	110mm	160mm	200mm	250mm	315mm
GANSBAAI	/m								
STANFORD	/m								
HERMANUS	/m								
KLEINMOND	/m								

**G.2 RANGER OR SIMILAR COUPLINGS**

TOWN	UNIT	59 – 78mm	83 – 102mm	109 – 128mm	135 – 153mm	159 – 182mm	183 – 193mm	190 – 205mm	218 – 234mm
GANSBAAI	Each								
STANFORD	Each								
HERMANUS	Each								
KLEINMOND	Each								

TOWN	UNIT	235 – 250mm	250– 267mm	272 – 286mm	286 – 304mm	315 – 328mm	340 – 350mm	360 – 370mm	350 – 360mm
GANSBAAI	Each								
STANFORD	Each								
HERMANUS	Each								
KLEINMOND	Each								

Name of Tenderer: \_\_\_\_\_

23

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**G.3 PVC TO AC ADAPTORS CLASS 12**

- A. 63 mm PVC to 50 mm AC
- B. 75 mm PVC to 75 mm AC
- C. 90 mm PVC to 100 mm AC
- D. 110 mm PVC to 100 mm AC
- E. 160 mm PVC to 150 mm AC
- F. 200 mm PVC to 200 mm AC
- G. 200 mm PVC to 225 mm AC
- H. 250 mm PVC to 250 mm AC

TOWN	UNIT	A	B	C	D	E	F	G	H
GANSBAAI	Each								
STANFORD	Each								
HERMANUS	Each								
KLEINMOND	Each								

**G.4 SLUICE VALVES (FLANGED)**

TOWN	UNIT	63mm	75mm	90mm	110mm	160mm	200mm	250mm	315mm
GANSBAAI	Each								
STANFORD	Each								
HERMANUS	Each								
KLEINMOND	Each								

**G.5 SLUICE VALVES (SOCKETED)**

TOWN	UNIT	63mm	75mm	90mm	110mm	160mm	200mm	250mm	315mm
GANSBAAI	Each								
STANFORD	Each								
HERMANUS	Each								
KLEINMOND	Each								

**G.6 BENDS 45° (CAST IRON / DUCTILE IRON)**

TOWN	UNIT	63mm	75mm	90mm	110mm	160mm	200mm	250mm	315mm
GANSBAAI	Each								
STANFORD	Each								
HERMANUS	Each								
KLEINMOND	Each								

**G.7 BENDS 90° (CAST IRON / DUCTILE IRON)**

TOWN	UNIT	63mm	75mm	90mm	110mm	160mm	200mm	250mm	315mm
GANSBAAI	Each								
STANFORD	Each								
HERMANUS	Each								
KLEINMOND	Each								

Name of Tenderer: \_\_\_\_\_

24

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**G.8 BENDS 22.5° (CAST IRON / DUCTILE IRON)**

TOWN	UNIT	63mm	75mm	90mm	110mm	160mm	200mm	250mm	315mm
GANSBAAI	Each								
STANFORD	Each								
HERMANUS	Each								
KLEINMOND	Each								

**G.9 END CAPS – SOCKETED (CAST IRON / DUCTILE)**

TOWN	UNIT	63mm	75mm	90mm	110mm	160mm	200mm		
GANSBAAI	Each								
STANFORD	Each								
HERMANUS	Each								
KLEINMOND	Each								

**G.10 REDUCERS - SOCKETED (CAST IRON / DUCTILE)**

TOWN	UNIT	63mm X 75mm	75mm X 90mm	90mm X 110mm	110mm X 160mm				
GANSBAAI	Each								
STANFORD	Each								
HERMANUS	Each								
KLEINMOND	Each								

**G.11 NON-RETURN VALVES**

TOWN	UNIT	63mm	75mm	90mm	110mm	160mm	200mm	250mm	315mm
GANSBAAI	Each								
STANFORD	Each								
HERMANUS	Each								
KLEINMOND	Each								

**G.12 HYDRANT VALVES**

TOWN	UNIT	63mm	75mm	90mm	110mm	160mm	200mm	250mm	315mm
GANSBAAI	Each								
STANFORD	Each								
HERMANUS	Each								
KLEINMOND	Each								
STANFORD	Each								

**G.13 HYDRANT TEES**

TOWN	UNIT	63mm	75mm	90mm	110mm	160mm	200mm	250mm	315mm
GANSBAAI	Each								
STANFORD	Each								
HERMANUS	Each								
KLEINMOND	Each								

**G.14 VENTOMAT (or similar) RBX AIR RELEASE VALVES AND VACUUM BREAK VALVES (STAINLESS STEEL)**

TOWN	UNIT	25mm	50mm
HERMANUS	Each		
GANSBAAI	Each		
STANFORD	Each		
KLEINMOND	Each		

Name of Tenderer: \_\_\_\_\_

25

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

### G.15 COPPER STOPCOCKS

TOWN	UNIT	15mm	20mm	25mm
GANSBAAI	Each			
STANFORD	Each			
HERMANUS	Each			
KLEINMOND	Each			

### G.16 CHROME PLATED BALLCOCKS WITH HANDLE

TOWN	UNIT	15mm	20mm	25mm
GANSBAAI	Each			
STANFORD	Each			
HERMANUS	Each			
KLEINMOND	Each			

### G.17 BRASS COUPLERS

#### G.17.1 CXC

TOWN	UNIT	15mm	20mm	25mm
GANSBAAI	Each			
STANFORD	Each			
HERMANUS	Each			
KLEINMOND	Each			

#### G.17.2 MI X C

TOWN	UNIT	15mm	20mm	25mm
HERMANUS	Each			
GANSBAAI	Each			
STANFORD	Each			
KLEINMOND	Each			

#### G.17.3 BENDS C X C

TOWN	UNIT	15mm	20mm	25mm
HERMANUS	Each			
GANSBAAI	Each			
STANFORD	Each			
KLEINMOND	Each			

Name of Tenderer: \_\_\_\_\_

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION H**  
**WATERMETERS & BOXES**

**H.1 WATER METERS**

TOWN	UNIT	15mm brass body	20mm brass body	25mm brass body	Combination 50mm (with pulse output)	Combination 63mm (with pulse output)	Combination 75mm (with pulse output)	Combination 100mm (with pulse output)
GANSBAAI	Each							
STANFORD	Each							
HERMANUS	Each							
KLEINMOND	Each							

TOWN	UNIT	15mm PVC body	20mm PVC body	25mm PVC body
GANSBAAI	Each			
STANFORD	Each			
HERMANUS	Each			
KLEINMOND	Each			

**H.2 WATER METERS BOXES**

TOWN	UNIT	15mm body	20mm body	25mm body
GANSBAAI	Each			
STANFORD	Each			
HERMANUS	Each			
KLEINMOND	Each			

Name of Tenderer: \_\_\_\_\_

27

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION I**  
**SEWERMAINS AND FITTINGS**

**I.1 UPVC CLASS 34 PIPES**

TOWN	UNIT	110mm	160mm	200mm	250mm
HERMANUS	/m				
GANSBAAI	/m				
STANFORD	/m				
KLEINMOND	/m				

**I.2 UPVC RODDING EYES**

TOWN	UNIT	110mm
HERMANUS	Each	
GANSBAAI	Each	
STANFORD	Each	
KLEINMOND	Each	

**I.3 UPVC BENDS**

**I.3.1 22.5°**

TOWN	UNIT	110mm	160mm	200mm	250mm
HERMANUS	Each				
GANSBAAI	Each				
STANFORD	Each				
KLEINMOND	Each				

**I.3.3 45°**

TOWN	UNIT	110mm	160mm	200mm	250mm
HERMANUS	Each				
GANSBAAI	Each				
STANFORD	Each				
KLEINMOND	Each				

**I.3.4 90°**

TOWN	UNIT	110mm	160mm	200mm	250mm
HERMANUS	Each				
GANSBAAI	Each				
STANFORD	Each				
KLEINMOND	Each				

**I.3.5 UPVC REDUCING JUNCTIONS**

TOWN	UNIT	160 X 110mm	200 x 110mm	200 x 160mm
HERMANUS	Each			
GANSBAAI	Each			
STANFORD	Each			
KLEINMOND	Each			

**I.3.6 STOPENDS**

TOWN	UNIT	110mm	160mm	200mm	250mm
HERMANUS	Each				
GANSBAAI	Each				
STANFORD	Each				
KLEINMOND	Each				

Name of Tenderer: \_\_\_\_\_

28

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION J**  
**HIRING OF PLANT / MACHINERY**

**J.1 DIGGER LOADER (91-120kw)**

TOWN	UNIT	DRY RATE	WET RATE	MINIMUM HOURS	ESTABLISHMENT RATE
HERMANUS	/hr				
GANSBAAI	/hr				
STANFORD	/hr				
KLEINMOND	/hr				

**J.2 MINI LOADER (Bobcat or similar)**

TOWN	UNIT	DRY RATE	WET RATE	MINIMUM HOURS	ESTABLISHMENT RATE
HERMANUS	/hr				
GANSBAAI	/hr				
STANFORD	/hr				
KLEINMOND	/hr				

**J.3 FRONT END LOADER (1,72 m<sup>3</sup>)**

TOWN	UNIT	DRY RATE	WET RATE	MINIMUM HOURS	ESTABLISHMENT RATE
HERMANUS	/hr				
GANSBAAI	/hr				
STANFORD	/hr				
KLEINMOND	/hr				

**J.4 EXCAVATOR (0,71-1,2 m<sup>3</sup>)**

TOWN	UNIT	DRY RATE	WET RATE	MINIMUM HOURS	ESTABLISHMENT RATE
HERMANUS	/hr				
GANSBAAI	/hr				
STANFORD	/hr				
KLEINMOND	/hr				

**J.5 ROLLER (vibrating 9 – 11 ton)**

TOWN	UNIT	DRY RATE	WET RATE	MINIMUM HOURS	ESTABLISHMENT RATE
HERMANUS	/hr				
GANSBAAI	/hr				
STANFORD	/hr				
KLEINMOND	/hr				

**J.6 GRADER (11500-13600 kg)**

TOWN	UNIT	DRY RATE	WET RATE	MINIMUM HOURS	ESTABLISHMENT RATE
HERMANUS	/hr				
GANSBAAI	/hr				
STANFORD	/hr				
KLEINMOND	/hr				

Name of Tenderer: \_\_\_\_\_

29

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_

**J.7 DOZERS (D6 or similar)**

TOWN	UNIT	DRY RATE	WET RATE	MINIMUM HOURS	ESTABLISHMENT RATE
HERMANUS	/hr				
GANSBAAI	/hr				
STANFORD	/hr				
KLEINMOND	/hr				

**J.8 WATER TRUCKS (11000 l with water pump)**

TOWN	UNIT	DRY RATE	WET RATE	MINIMUM HOURS	ESTABLISHMENT RATE
HERMANUS	/hr				
GANSBAAI	/hr				
STANFORD	/hr				
KLEINMOND	/hr				

**J.9 TIPPER TRUCKS 7m<sup>3</sup>**

TOWN	UNIT	DRY RATE	WET RATE	MINIMUM HOURS	ESTABLISHMENT RATE
HERMANUS	m <sup>3</sup>				
GANSBAAI	m <sup>3</sup>				
STANFORD	m <sup>3</sup>				
KLEINMOND	m <sup>3</sup>				

**J.10 TIPPER TRUCKS 10m<sup>3</sup>**

TOWN	UNIT	DRY RATE	WET RATE	MINIMUM HOURS	ESTABLISHMENT RATE
HERMANUS	m <sup>3</sup>				
GANSBAAI	m <sup>3</sup>				
STANFORD	m <sup>3</sup>				
KLEINMOND	m <sup>3</sup>				

Name of Tenderer: \_\_\_\_\_

30

Signature of tenderer: \_\_\_\_\_

Date: \_\_\_\_\_