

# Bela-Bela Local Municipality

Chris Hani Drive, Bela-Bela, Limpopo. Private Bagx1609

Bela-Bela 04810

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Website: [www.belabela.gov.za](http://www.belabela.gov.za)

## Budget and Treasury Office

### RE-ADVERT

### REQUEST FOR QUOTATION: SUPPLY AND INSTALLATION OF HIGH SECURITY FENCES AT BELA BELA CEMETERY

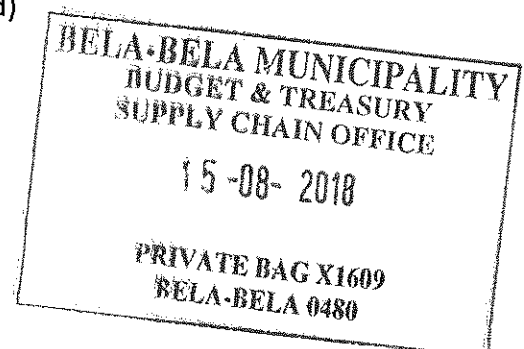
Quantity	Description
1	<b>Supply and installation of high security fences</b>  <b>NB: Specification is obtainable from municipal website and record office</b>

The quotation must be delivered no later than 12h00 on the 24<sup>th</sup> August 2018 to Records Office, 58 Chris Hani Drive, Bela Bela: Tel 014 736 8000; Fax 014 736 3288

The following conditions will apply:

- Price(s) quoted must be valid for at least thirty (30) days from date of offer
- The quotation will be evaluated in terms of the 80/20 preferences system as prescribed in the Preferential Procurement Policy Framework Act (No 5 of 2000)
- The successful bidder will be the one with high scoring points
- Bidders are required to complete MBD 4, 8 and 9 forms, obtainable from SCM office
- Copies of Company Registration
- Copy of CSD summary report
- Valid Tax clearance certificate and copy of B-BBEE certificate
- Municipal rates and taxes account not in arrears for more than three months (account in arrears for more than three months will be disqualified)

MR SM MAKHUBELA  
MUNICIPAL MANAGER



# PROJECT SPECIFICATION

HIGH SECURITY FENCES

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COMPANY NAME: BELA BELA LOCAL MUNICIPALITY



**BELA BELA MUNICIPALITY**

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PROJECT NAME: BELA BELA CEMETERIES

## SECTION A1

HIGH SECURITY FENCES

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### PART 1

#### GENERAL

##### 1.1 SCOPE

- A. This specification covers material requirements and replacement of panels, for the BELA BELA CEMETERIES project.

##### 1.2 WORK INCLUDED

- A. Furnish and install fence and gates, and accessories as required and shown.

### 1.3 REFERENCES CODES AND STANDARDS

- A. CSIR, SABS, North Atlantic Treaty Organization (NATO) and International Aviation Authority Organization (ICAO).

CSIR Test	050036, 050056, T09998
SABS Test	2536/YM139
Nato Stock	5660-99-458-7414
ICAO	ICAO Security Manual

### 1.4 SUBMITTALS

- A. Certificate of compliance for materials and coatings
- B. Submittal requirements are identified within the Specification.
- C. Quality control program shall be submitted to the Engineer for review prior to commencement of any work.

## SECTION A1

### HIGH SECURITY FENCES

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## PART 2

### PRODUCTS

#### 2.1 GENERAL

- A. All steel materials shall be of good commercial quality, galvanized steel.
- B. All pipes shall be galvanized, one piece without joints. Furnish moisture proof caps for all posts.
- C. Zinc coating shall be smooth and essentially free from lumps, globs, or points.
- D. Miscellaneous material shall be galvanized.

#### 2.2 SUGGESTED MANUFACTURER: COCHRANE

#### 2.3 DESCRIPTION OF FENCE SYSTEM

- A. Post: N/A

Post shall be 2.4m long Cochrane Taper Locking Post.

Post width shall be 85mm - tapering to 45mm with a depth of 85mm.

Post shall include 'Locking Recess Mechanism' to secure panel edge.

Post shall be sealed with a UV stabilized polymer cap.

Post finish shall be galvanized, then Alu coated.

B. Panel: CLEARVU

Panel shall be of 3,305m width and 1.8m in height.

Panel aperture size (centres) shall be 76.2mm x 12.7mm.

Wire diameter will be 3mm.

The panel shall include through bolt system.

The panel shall be reinforced with 4 x 50mm deep 'V' formation horizontal recessed bands (rigidity) Panel

shall have 2 x 70° flanges along sides (internal fixtures- all fixtures shall be on the inside of fence line)

Panel shall have 2 x 30° flange along top and toe (integrated rigid angle).

Panel post shall have a flush panel post finish with no climbing aid.

Panel shall be affixed to post over 48 line wires using 8 x double bolt comb clamps and 8 x Single bolt comb clamps using 24 x Anti vandal bolts.

Panel and fixtures shall be galvanized.

C. Fence Corner Configuration.

The fence configuration should not have any sharp corners and all angles at changes of direction should be a minimum of 130 degrees.

### PART 3 – EXECUTION

#### 3.1 General

Install all fencing and gates in accordance with the drawings, specifications, instructions, and as specified lines and grades indicated. Line posts shall be spaced at intervals of 3.390 m. Terminal posts shall be set at abrupt changes in vertical and horizontal alignment.

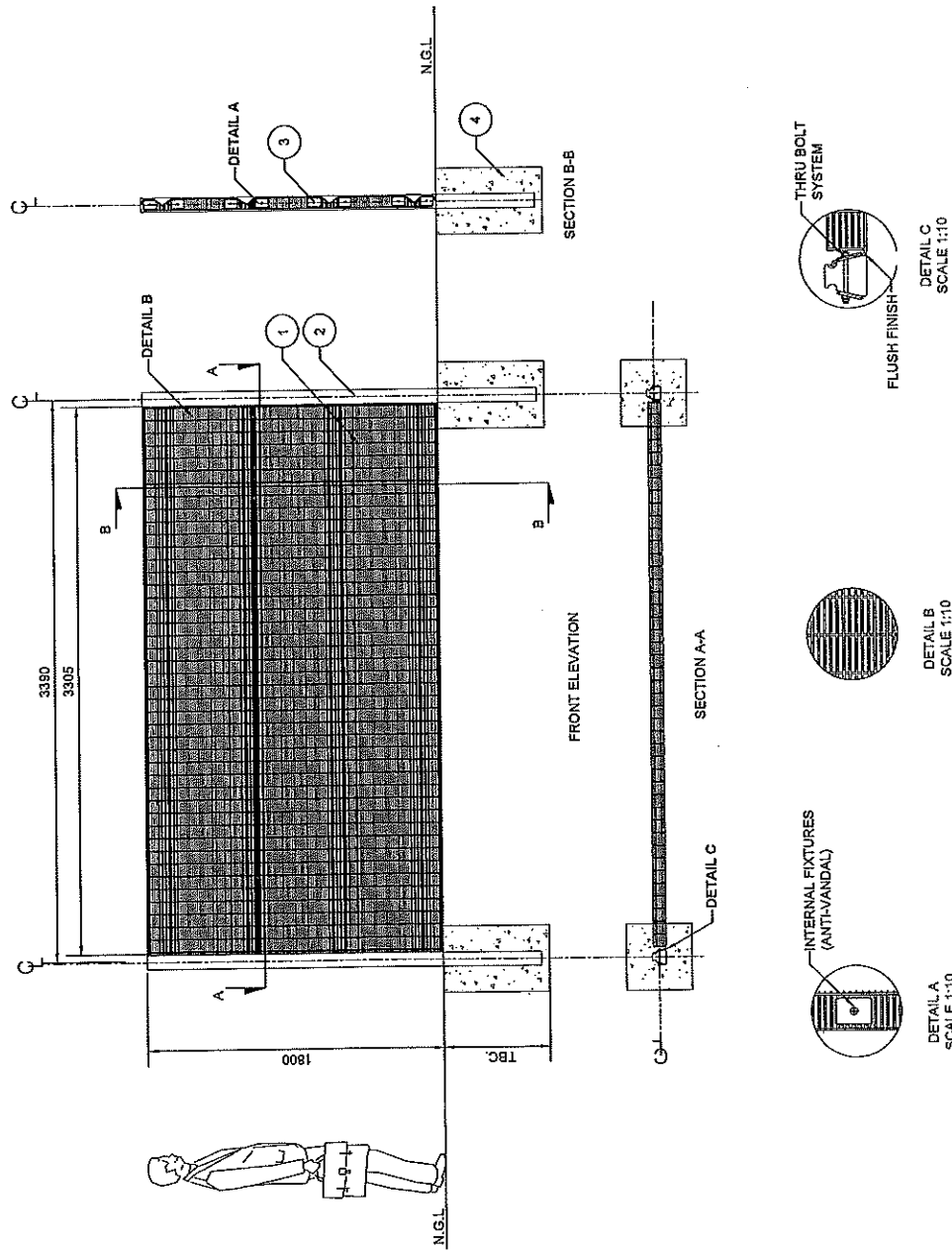
#### 3.2 Posts

- A. Post holes shall be cleared of loose material. Waste material shall be spread where directed by Engineer. The ground surface irregularities along the fence line shall be eliminated to the extent necessary
- B. Posts shall be set plumb, and follow the indicated alignment. All posts shall be set to the depth indicated on the design documents. Concrete shall be thoroughly consolidated around each post, free of voids, and finished with a domed shaped surface, with the base of dome at grade elevation. Concrete shall be allowed to cure prior to installing any additional components to the posts.


- C. Concrete footings shall be carried down to at least the depth indicated on the design documents and shall not be smaller than the dimensions shown. Where a rock layer is encountered within the required depth to which the post is to be erected, a hole of a diameter slightly larger than the largest dimension of the post may be drilled into the rock and the post grouted in. Then the regular concrete footing shall be placed between the top of the rock and the top of the footing elevation as shown on the design documents. Posts shall be approximately centred in their footings. All concrete shall be placed promptly and consolidated by tamping or other approved methods.
- D. Where the ground is firm enough to permit excavation of the post hole to neat lines, the concrete may be placed without forms by completely filling the hole. Curing may be achieved by covering the concrete with not less than four inches of loose moist material immediately after placing concrete, or by using a curing compound. All excess material from footings, including loose material used for curing, shall be disposed of as directed by the Engineer
- E. Where the ground cannot be satisfactorily excavated to neat lines, forms shall be used to place concrete for footings. Under these conditions the earth and forms coming in contact with the concrete shall be moistened and all ponded water shall be removed from the hole prior to placing concrete. When forms are removed, the footing shall be backfilled with moistened material, and thoroughly tamped. The top of the concrete shall then be covered with not less than 100 mm (4 in) of loose moistened material or use curing compound if the 7-days cure is not completed. All excess material from footings, including loose material used for curing, shall be disposed of as directed.

DESCRIPTION

NO#	ITEM	DESCRIPTION
1	PANEL	CLEARVU MESH PANELS 3305mm WIDE x 1800mm HIGH GALVANIZED WIRE WITH APERTURE SIZE (CENTERS) @ 76.2mm x 12.7mm. PANEL FORMATION: PANEL REINFORCED WITH 4 x 50mm DEEP 'V' FORMATION HORIZONTAL RECESSED BANDS (RIGIDITY). 2 x 75mm 70° FLANGES ALONG SIDES (INTERNAL FIXTURES -ANTI VANDAL- ALLOWING FOR FLUSH POST AND PANEL FINISH. 48 LINE WIRE SECURE CONNECTION, LOCKING RECESS MECHANISM ) AND 2 x 30° FLANGE-ALONG TOP AND TOE. (ARROW- STRAIGHT EDGES, INTEGRATED ANGLE). COATING: MESH GALVANIZED, THEN MARINE FUSION BOND COATED.
2	POST	(PATENT AND DESIGN REGISTRATIONS APPLY) COCH-RANE "TAPER LOCKING POST, THEN SEALED WITH STEEL CAP. COATING: MESH GALVANIZED, THEN MARINE FUSION BOND COATED.
3	CLAMPS	SINGLE BOLT COMB CLAMPS AND THRU BOLTS. COATING: MESH GALVANIZED, THEN MARINE FUSION BOND COATED.
4	FOUNDATION	FOUNDATION SIZES TO BE SPECIFIED BY CIVIL ENGINEER ON SITE.



**APPROVED BY CLIENT**

COCHRANE ENGINEERING AND DESIGN									
REVISION SCHEDULE					PROJECT NAME: BELA BELA EXT 2 & 7.8				
REV	REV DESCRIPTION	REV DATE	DRAWN BY	CHECKED BY	APPROVED BY	CHECKED BY:	DRAWN BY:	DRAWING NAME:	
						TN	EVELDS		3589-CN-CV-01-01-00-A-R00
						CHECKED DATE: 2018-08-17	DWG TYPE: CLIENT APPROVAL		
						APPROVED BY: AK	SCALE: 1:30	PRINT DATE: N/A	DRAWING DISCUSSION:
						APPROVED DATE: 2018-08-17	MATERIAL: MILD STEEL	CURRENT REV: 0	
									DETAIL DRAWING OF CLEARVU MESH