



KWAZULU-NATAL PROVINCE

HEALTH
REPUBLIC OF SOUTH AFRICA

Quotation Advert

Opening Date: 07/01/2025

Closing Date: 17/01/2025

Closing Time: 11:00

INSTITUTION DETAILS

Institution Name: Emmaus Hospital

Province: KwaZulu-Natal

Department of entity: Department of Health

Division or section: Central Supply Chain Management

**Place where goods/
service is required:** **Emmaus Hospital**

Date Submitted: **07/01/2025**

ITEM CATEGORY AND DETAILS

Quotation number: EMM395/01/25

Item Category: Services

Item Description: **Internal Demarcation Fence with Gates**

NB

Quantity (if supplies):

Select Type: Complusory Briefing

Date: 14/01/2025

Time: 10:00

Venue: **Admin Boardroom**

QUOTES CAN BE COLLECTED FROM: [Click here to enter text.](#)

QUOTES SHOULD BE DELIVERED TO: MAIN GATE

ENQUIRIES REGARDING ADVERT MAY BE DIRECTED TO:

Name: Y.M Ndlela

Email: EmmausQuotation@kznhealth.gov.za

Contact number: 036 488 8211

Finance Manager Name: *NN GONZO*

Finance Manager Signature: *[Handwritten Signature]*



ANNEXURE A: SPECIFICATION FORM

NAME OF PROCURING FACILITY		EMMAUS HOSPITAL	
ITEM DESCRIPTION		SUPPLY AND ERECTION OF FENCE	
ITEM PURPOSE		1. TO PREVENT PATIENCE FROM ASSESSING THE RIVER 2.	
ITEM DETAILED SPECIFICATION (INCLUDE SIZE, COLOUR, MATERIAL, ETC.)			COMPLIES (YES/NO)
1.	excavation (400mm x 400mm x 500mm holes) for galvanized steal poles & 400mm x 600mm x 500mm holes for galvanized steal stays		
2.	Concrete casting		
3.	Galvanized steal holes with stays		
4.	Mesh wire		
5.	Gates		
QUALITY STANDARD		Should be an approved SANS material	
UNIT OF MEASURE OR PACKAGING I.E. (UNIT/BOX/ROLL/PACK/BAIL ETC)			
SAMPLE REQUIRED (YES/NO) IF YES WHEN AND HOW?		No	
ADDENDUM TO SPECIFICATION ATTACHED (YES OR NO)		Yes	

Note:

- 1.
- 2.
- 3.

SPECIFICATION APPROVED BY

Name of End-user (in full)	B.M. NKOSI	Name of SCM Rep (in full)	M Ndlele
Designation / Rank (in full)	Chief Artisan	Designation/ Rank (in full)	SCC
Signature		Signature	
Date	07/01/2025	Date	07/01/2025

Bidder Initial here: _____



KWAZULU-NATAL PROVINCE

HEALTH
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EMMAUS HOSPITAL INTERNAL DEMARCATION FENCE WITH GATES SCOPE OF WORK

SECTION A

1. GENERAL

- a) The Department of Health shall be responsible for the initial location and exposure of all necessary boundary beacons and they will be indicated to the Contractor at the site handover.
- b) The Contractor shall be subsequently responsible for ensuring that these beacons remain undisturbed and that the fencing is correctly aligned between boundary beacons.
- c) Should further boundary beacons be uncovered or located during construction and there is reasonable doubt regarding the correct alignment of the fence, the Contractor shall notify the Department in writing of such doubt in order that the setting out may be checked and rectified where necessary.
- d) Where fences are erected directly over existing boundaries, corner beacons shall be preserved by splaying the fence corner. The fence corner shall be splayed by installing two straining posts, each with one stay, 1m from the beacon peg.
- e) Security fences with projecting overhangs shall be erected 350 mm back from the boundary line so that the end of the overhang is exactly on the boundary line.
- f) Clear all bushes, trees, old fencing, debris, long grass and other obstructions shall be removed from the fencing line to produce a clear even strip 500mm wide on either side.
- g) Trees, rocks or other items of horticultural or archaeological interest that are not to be removed will be indicated by the Department.
- h) Site Clearance and Removal of the existing internal demarcation chained fence
- i) Erection of new perimeter fence including gates.
- j) This project is one month duration after signing site hand over certificate.
- k) The site will be fully operational, Contractor to keep up with the regulations for a safe working place for the duration of the project.
- l) Contractor may allow for employment of safety officer and drawing up of safety precautions for the duration of the project.

2. SECURITY FENCE SPECIFICATION

The diameters specified below are the nominal external diameter of the tubing. Fence details specified as follows:

Fence Detail	Sizes
Galvanized Fence Height	1.8m (no flat wrap razor wire)
Galvanized Straining Posts	2.3m long, 100mm \varnothing x 3mm wall thickness galvanised steel tubing
Galvanized Intermediate Posts	2.3m long, 75mm \varnothing x 3mm wall thickness galvanised steel tubing
Galvanized Standard posts	2.3m long, 75mm \varnothing x 3mm wall thickness galvanised steel tubing
Galvanized Stays	1.5m long, 75mm \varnothing x 3mm wall thickness galvanised steel tubing
Galvanized Gate Posts	2.3m long, 100mm \varnothing x 5mm wall thickness galvanised steel tubing
Galvanized Gate Frames	1.8m long, 50mm \varnothing x 2mm wall thickness galvanised steel tubing
Galvanized Welded Mesh Wire	1.8m high galvanised welded mesh, 3.15mm \varnothing x 25mm x 50mm

Straining wire	3.15mm diameter hardened galvanized steel straining wires spaced vertically at 450mm centres
Galvanized Foot Plate	3mm thick x 300mm x 300mm

2.1 Straining and Corner Posts

- a) The straining posts shall be erected at ends, corners and intermediate points at a spacing not exceeding 30m. The standards and intermediate posts should be erected between straining posts at a spacing not exceeding 3m.
- b) The straining and corner posts shall be hot dipped galvanized steel tubing, in lengths as specified, with upper end capped with footplate welded to base. The stays shall be secured to posts with galvanised bolts. The bottom of posts shall be bedded in concrete and to be painted with bitumen paint prior to erection. Where holes have to be drilled on site, drilling shall be cold galvanized before corrosion sets in.

2.2 Intermediate Posts

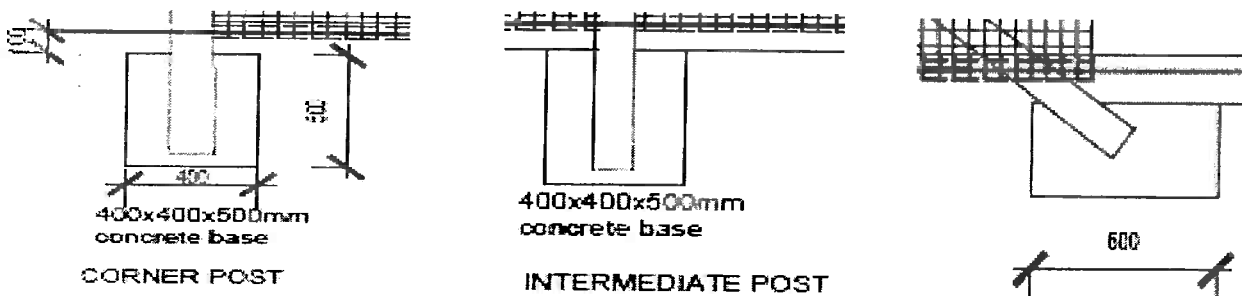
- a) Intermediate posts shall be galvanised steel tubing spaced at a maximum distance of 3m apart.

2.3 Mesh Fence

- a) The fence shall comprise of galvanized rectangular welded mesh fencing fixed to an 8 gauge or 3.15mm diameter hardened galvanized steel straining wires spaced vertically at 450mm centres.
- b) The welded mesh shall be secured to straining wires with 2mm \varnothing galvanized tying wire spaced at a maximum of 250mm between ties. Fencing overlaps to be a minimum of 150mm. The straining wires shall be fixed to posts with doubled strands of 2mm \varnothing galvanized tying wire, pulled tight around posts and wound tightly around the straining wires.

2.4 Concrete

Cast 15 MPa strength along the entire posts 100mm below the ground level as indicated below



At any change in direction of the fence line, the straining posts shall be erected with bottom ends embedded in a common concrete base with each post stayed separately.

2.5 Gates and Hinges

- a) Where required, gate posts shall be supplied in steel tubing complying with CKS 82, in lengths as specified, with upper end capped with 1.6mm thick pressed mild steel domed cap welded on and footplate welded to base.
- b) Gate posts are to be drilled and fitted with mild steel ferrules welded into position to receive 20 mm \varnothing mild steel hinges. Threaded 12 mm \varnothing studs or approved stay collars are to be fixed on to the posts to

locate and secure the top ends of stays. The whole shall be hot dipped galvanized. Where holes for the threading and fixing of straining wires are required, holes shall be drilled on site and cold galvanized on completion.

- c) Stays shall have the top end flattened, bent as required, holed 12 mm \varnothing for bolting to post and the whole hot dip galvanized.
 - d) Mild steel tubing for gate components shall comply with SANS Specification 657 Part 1.
 - e) In general single gates shall be of the sizes stated and formed with mild steel tubular framing all round, covered with welded wire mesh of the type specified laced to framing. Tubular framing to gates shall be mitred and welded at corners and, at all other intersections, the tubular framing shall be scribed and welded together with all welds ground smooth.
 - f) The preferred gate hinges are galvanized **Bullet Type** or **through pin type** hinges.
 - g) The sliding pad bolt shall be formed of 12 mm \varnothing mild steel rod, 220 mm long, with 25 x 6 mm mild steel flat bar 60 mm long welded on at one end and holed 13 mm diameter for shackle of padlock.
 - h) Each gate shall be fitted with an approved 51 mm brass padlock with hardened steel shackle and two keys.
3. **Straining wire:** - shall be as specified, or either Type 1 galvanized wire of 3,15 mm diameter
4. **Binding or Tying wire:** - shall be as specified, either Type 1 galvanised wire of 2 mm diameter.
5. **Galvanising:** - shall comply with SANS 763 Specification and all items of posts, stays, gate framing, etc., described as galvanised shall be hot dipped galvanised after fabrication with Class A galvanising with all internal and external surfaces fully coated.

6. Gate Sizes

Gates for 1, 8 m high fencing (Internal demarcations but adopted perimeter)

Single gates shall be size 1,00m wide x 1,8 m high, each hung on hinges as stated above and formed of 50 mm diameter x 2 mm wall thickness galvanized mild steel tubular framing all round with 38 mm diameter x 2 mm wall thickness mild steel horizontal centre rail (stile). Each gate shall be fitted with locking pad bolt with brass padlock.

7. Statutory Requirements

Legislation:

- The South African Constitution
- CIDB: SQ level 1
- EPWP Guidelines
- ECSA Professional Act
- Occupational Health and Safety Act 85 of 1993

SECTION B

BOQ: ALL ITEMS ARE PROVISIONAL AND SUBJECT TO REMEASURE AFTER INSTALLATION

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	ERECTION OF FENCE AROUND THE STREAM				
	SETTING UP OF INTERNAL DEMARCATION FENCE				
	RATE INCLUDE, ACCOMMODATION, TRAVELING TIME, MATERIAL SUPPLY, DELIVERIES				
1	Excavation				
1.1	Excavate 400mm x 400mm x 500mm holes for galvanized steel posts	Item	116		
1.2	Excavate 400mm width x 600mm long x 500mm high holes for galvanized Steel Stays	Item	17		
2	Concrete Casting				
2.1	Cast 15 MPa strength 100mm below the ground level along the entire posts and stays. Allow concrete to cure around steel post before installing Straining Wire on	m ³	13		
3	Galvanized Steel Posts with Stays				
3.1	Erect 2.3m long, 100mm ø x 3mm wall thickness galvanized steel straining posts, using spirit level	Item	18		
3.2	Erect 2.3m long, 75mm ø x 3mm wall thickness galvanized steel Intermediate Posts, using spirit level	Item	98		
3.3	Mount 1.5m long, 75mm ø x 3mm wall thickness galvanized steel stays	Item	17		
4	Mesh Wire				
4.1	Mount galvanized rectangular welded mesh fencing (1.8m high galvanized welded mesh, 3.15mm ø x 25mm x 50mm) fixed to an 8 gauge or 3.15mm diameter hardened galvanized steel straining wires spaced vertically at 450mm centres, using 2mm Tying / Bonding Wire	m	380		
5	Gates				
5.1	Mount 1.00m wide x 1.8m long gate hung on hinges, galvanized steel tubing formed 50mm ø x 2mm wall thickness with 38 mm diameter x 2 mm wall thickness mild steel horizontal centre rail (stile) bonded with galvanized welded mesh 3.15mm ø x 25mm x 50mm. Fitted with sliding pad bolt 12 mm ø mild steel rod x 220 mm long, with 25 x 6 mm mild steel flat bar 60 mm long welded on at one end holed 13 mm diameter for shackle of padlock. Each gate fitted with an approved 51 mm brass padlock with hardened steel shackle and two keys	Item	3		
6	Fence Line Obstruction				
6.1	Clear all bushes, trees, old fencing, debris, long grass and other obstructions from the fencing line to produce a clear even strip 500mm wide on either side	m	40		
6.2	Cut down trees	Item	4		
7	Clear the site all debris or rubble outside the hospital to approved landfilled	Item	1		
8	LABOUR COST PRICED:				
	SUB-TOTAL				
	15% VAT				
	TOTAL				