



public works,
roads & transport

MPUMALANGA PROVINCE
REPUBLIC OF SOUTH AFRICA

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Mpumalanga Province
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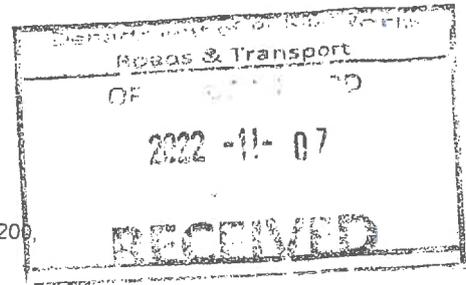
Litiko Letemisebenti Yemphakatsi,
Temigwaco Netekutfutsa

Departement van Openbare Werke,
Paaië en Vervoer

UmNyango wezemiSebenzi yomPhakathi,
zeeNdlela nezokuThutha

Enq: DE Awogu

PROVINCIAL TREASURY
2022 -11- 09
HEAD PROVINCIAL TREASURY
RECEIVED MEMORANDUM



TO : MC MOROLO
HEAD OF DEPARTMENT

CC : KM DOLAMO
A. DIRECTOR: SUPPLY CHAIN MANAGEMENT

FROM : PC SIBUYI
DIRECTOR: BUILDING PLANNING AND DESIGN

SUBJECT : ADDENDUM 1: PWRT/2520/22/MP - TO THE TENDER DOCUMENTS FOR THE PROJECT: CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL IN KABOKWENI, CITY OF MBOMBELA LOCAL MUNICIPALITY, MPUMALANGA PROVINCE.

Further to invitation to bid number PWRT/2520/22/MP (Construction of a new Maternity Ward at Themba Hospital in Kabokweni, City of Mbombela Local Municipality, Mpumalanga Province) as advertised in the Mpumalanga Provincial Supply Chain Management Bid Bulletin: Volume No. 316 of 11 October 2022, tenderers are advised of the following changes with regards to the Bill of Quantities and bid closing date:

- i. Item 42.4.6 on page 125 of the Preliminaries Bill indicated that the Contract Value is to be adjusted using escalation adjustment indices with a Base month of April 2016. This has been corrected to indicate that the base month is November 2022, hereto attached.
- ii. Item 42.2.7 on page 124 states that the intended date for Practical Completion is 6 months after the contractual commencement date. This has been corrected to indicate that the intended date for Practical Completion is 36 months after the contractual commencement date, hereto attached.
- iii. Item 21 on page 165 did not indicate any quantities for this item, Provisional sum allowances have been made for this item, hereto attached.
- iv. Item 79 on page 184 did not indicate any quantities for this item, Provisional sum allowances have been made for this item, hereto attached.
- v. Section 2, Bill No 6 – Carpentry & Joinery: Item 19 & 20 Bitcon Fire doors – This was amended with new specifications as per the updated page 165, hereto attached.
- vi. Section 2, Bill No 9 – Ironmongery: Item 149, 150, 151 & 152 Vitrex pinning board – This was omitted as per the updated pages 190 and 191, hereto attached.
- vii. Section 4, Bill No 1- Fencing, Item 2. This was amended with new specifications as per the updated page 311, hereto attached.
- viii. Item 13 on page 147 only stated Composite floors. This was amended with additional description for more clarity as per the updated page 147, hereto attached.
- ix. Section 2, Bill No 9 – Ironmongery: Item 90, 91, 92, 93 & 94 – This was omitted as per the updated pages 185, hereto attached.



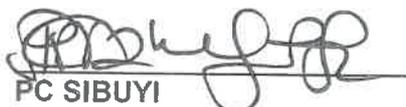
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- x. Section 2, Bill No 9 – Ironmongery: Item 95 – This was amended with additional description for more clarity as per the updated page 185, hereto attached.
- xi. Section 3, Bill No 3 – Masonry: Item 6 & 15 – This was amended with revised PC amount as per the updated pages 267 & 268, hereto attached.
- xii. As per the compulsory site briefing, Clarity on the helipad was given and final quantities were to be verified affecting various Sections in the BoQ. – This was amended with the inclusion of final quantities for the Helipad structure as per the updated pages 142, 143, 146, 147, 148, 149, 157, 191, 198, 254 & 325, hereto attached.
- xiii. Final Summary page, – Contingencies Amounts and CPA amount – This has been revised as per the updated page 330, hereto attached.
- xiv. The bid closing date has been extended from 16 November 2022 to 30 November 2022 at 12h00.

Tenderers are advised to affix, price and complete the above additional pages as part of the pricing schedule.

This Addendum shall form part of the contract, therefore, shall affix to "Record of Addenda" to tender document(s).

Kind regards.



PC SIBUYI
DIRECTOR: BUILDING PLANNING AND DESIGN

07/11/2022
DATE

RECOMMENDED / NOT RECOMMENDED

The amendments to the tender documents is supported for consideration.



DE AWOGU
CHIEF DIRECTOR: BUILDING INFRASTRUCTURE AND MAINTENANCE

7/11/2022
DATE

APPROVED / ~~NOT APPROVED~~



MC MOROLO
HEAD: PUBLIC WORKS, ROADS AND TRANSPORT

09/11/2022
DATE



Rhino Building; No. 7, Government Boulevard, Riverside Park, Ext. 2, Mbombela, 1200,
Mpumalanga Province
Private Bag X11310, Mbombela, 1200, Mpumalanga Province
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Litiko Letemisebenti Yemphakatsi,
Temigwaco Netekutfutsa

Departement van Openbare Werke,
Paaie en Vervoer

UmNyango wezemiSebenzi yomPhakathi,
zeeNdiela nezokuThutha

Enq : KM Dolamo
Tel : 013 766 6877

ADDENDUM 1

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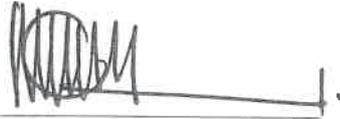
ADDENDUM NO.1 TO THE TENDER DOCUMENTS FOR THE PROJECT: CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL IN KABOKWENI, MPUMALANGA

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Yours Faithfully,



MC Morolo
Head: Public Works, Roads and Transport

09/11/2022.
Date

**CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA**

42.2.7 For the works **as a whole**. Intended date of practical completion and the penalty per calendar day

36 months after contractual commencement date

Penalty Amount
0.05% per calendar day

42.2.8 For the works in **sections**: Intended date of practical completion and the penalty per calendar day

Section 1
..... *Date*
R..... *Penalty Amount*

42.2.9 The law applicable to this **agreement** shall be that of

South Africa (country)

42.3 INSURANCES

42.3.1 Contract works insurance to be effected by:

Contractor:

For the Sum of not less than the contract

With a deductible of - to be determined by the contractor

42.3.2 Supplementary insurance is required Yes

42.3.3 Public liability insurance to be effected by:
Contractor:

For the Sum of R 5 000 000.00

With a deductible of - to be determined by the contractor

Carried to Collection

R

**CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA**

42.3.4 Support insurance to be effected by:
Contractor:
For the Sum of N/A
With a deductible of - to be determined by the contractor

42.4 DOCUMENTS

42.4.1 Waivers of **contractors** lien or right of continuing possession is required

No

42.4.2 Number of construction document copies to be supplied to the **contractor** free of charge:

3 Number of

42.4.3 **Bills of Quantities/Lump sum document** schedule of rates drawn up in accordance with:

"Standard System of Measuring Builders' Work"

42.4.4 On acceptance of the tender the bills of quantities/lump sum document is to be submitted within 7 (seven) **working days**

The priced bills of quantities must be handed in with the tender

42.4.5 JBCC Engineering General Conditions are to be included in the **contract documents**:

N/A

42.4.6 The contract value is to be adjusted using escalation adjustment indices

Yes

Where JBCC CPAP is to be used
Base Month November 2022

42.4.7 Details of changes made to the provision of JBCC standard documentation:

SECTION B: PRELIMINARIES

Carried to Collection

Section No. 1
 PRELIMINARIES
 Bill No. 1
 PRELIMINARIES AND GENERAL

R

CONSTRUCTION OF A NEW MATERNITY WARD AT T HEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA

EARTHWORKS

EXCAVATIONS, FILLING, ETC OTHER THAN BULK

Excavate in earth not exceeding 2m deep

16	Trenches	m3	419	
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17	Holes	m3	2 864	
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Extra over trench and hole excavations in earth for excavations in

18	Soft rock	m3	166	
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19	Hard rock	m3	70	
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Extra over all excavations for carting away

20	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	1 274	
----	--	----	-------	--

Risk of collapse of excavations

21	Risk of collapse of sides of excavations for trenches and holes from natural, elevated or reduced ground level to not exceeding 1,5m deep	m2	4 095	
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Keeping excavations free of water

22	Allow for keeping all excavations entirely free from water and mud			Item
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FILLING

Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 95 % Mod AASHTO density

23	Backfilling to trenches, holes, etc	m3	911	
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24	Under floors, steps, paving etc.	m3	1 098	
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Earth filling supplied by the contractor compacted to 95% Mod AASHTO density

25	150mm Thick under floors of G5 material compacted to 95% Mod AASHTO density to form platforms	m3	688	
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Carried to Collection

R

**CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA**

Formwork to soffits of solid slabs etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described.

Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"

TRADE NAMES

Wherever a trade name for any product has been described in the **Priced Document**, the tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the **principal agent** being obtained prior to the closing date for submission of tenders.

If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for.

CONCRETE

UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES

15MPa/19mm concrete

1	Surface blinding under footings and bases	m3	123
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REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES

30MPa/19mm concrete

2	Strip footings	m3	132
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3	Bases	m3	2 041
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REINFORCED CONCRETE

30MPa/19mm concrete

4	Surface bed on waterproofing	m3	872
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Carried to Collection

R

Section No. 2
MATERNITY WARD
Bill No. 2
CONCRETE, FORMWORK AND REINFORCEMENT

CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA

5	Columns in foundations	m3	3	
6	Columns	m3	56	
7	Walls in foundations	m3	11	
8	Walls	m3	635	
9	Slabs including beams and inverted beams	m3	7 833	
10	Stairs including landings, beams and inverted beams	m3	210	
	<u>40MPa/19mm concrete</u>			
11	Columns in foundations	m3	37	
12	Columns	m3	517	
	<u>"Bond-dek" or similar approved composite slab</u>			
13	150mm Thick slabs including all necessary formwork and reinforcement propped up to height exceeding 4.5m not exceeding 6m	m3	30	
	<u>SUNDRIES</u>			
	<u>Finishing top surfaces of concrete smooth with a steel trowel</u>			
14	Surface beds, slabs etc	m2	24 807	
	<u>Finishing top surfaces of concrete with wire brush</u>			
15	Composite floors	m2	200	
	<u>CONCRETE TEST CUBES</u>			
16	Prepare set of three 150 x 150 x 150mm concrete strength test cubes, label and send to an approved laboratory for testing, pay all charges and submit report to the Engineer. Only successful tests will be paid for	No	237	
	<u>FORMWORK</u>			
	<u>ROUGH FORMWORK (DEGREE OF ACCURACY II)</u>			
	<u>Rough formwork to sides</u>			
17	Rectangular columns in foundations	m2	305	
	Carried to Collection			
	Section No. 2			
	MATERNITY WARD			
	Bill No. 2			
	CONCRETE, FORMWORK AND REINFORCEMENT			

R

**CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA**

18	Circular columns in foundations	m2	10
19	Walls in foundations	m2	132
20	Walls	m2	5 250
21	Rectangular columns with total height not exceeding 3,5m above bearing level	m2	4 767
22	Rectangular columns with total height exceeding 3,5m and not exceeding 5m above bearing level	m2	142
23	Circular columns with total height exceeding 3,5m and not exceeding 5m above bearing level	m2	335
24	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	1 446
<u>Rough formwork to soffits</u>			
25	Slabs propped up not exceeding 3.5m high	m2	806
26	Slabs propped up exceeding 3.5m and not exceeding 5m high	m2	24 366
27	Slabs with sloping soffits propped up exceeding 3.5m and not exceeding 5m high	m2	205
28	Landings	m2	308
29	Stairs with sloping soffits	m2	275
<u>Rough formwork to sides and soffits</u>			
30	Beams propped up not exceeding 3,5m high	m2	405
31	Beams propped up exceeding 3,5m and not exceeding 5m high	m2	11 260
<u>CONSTRUCTION JOINTS</u>			
<u>Vertical construction joints through concrete</u>			
32	20mm joints not exceeding 300mm wide	m	2 534

Carried to Collection

R

Section No. 2
MATERNITY WARD
Bill No. 2
CONCRETE, FORMWORK AND REINFORCEMENT

**CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA**

	<u>Expansion joints with 20mm bitumen impregnated soft board between vertical concrete surfaces</u>		
33	In slabs not exceeding 300mm wide	m	1 213
34	In surface beds	m	731
	<u>MOVEMENT JOINTS</u>		
	<u>"Sondor industries" movement joints with jointex board with closed cell polyethelyne filler with polysulphide sealant between vertical concrete surfaces</u>		
35	20mm joints exceeding 300mm wide	m2	2 000
	<u>REINFORCEMENT</u>		
	<u>Mild steel reinforcement to structural concrete work</u>		
36	10mm Diameter bars	t	268.21
	<u>High tensile steel reinforcement to structural concrete work</u>		
37	10mm Diameter bars	t	268.21
38	12mm Diameter bars	t	402.08
39	16mm Diameter bars	t	385.36
40	20mm Diameter bars	t	385.36
41	25mm Diameter bars	t	402.08
	<u>Fabric reinforcement</u>		
42	Type 311 fabric reinforcement in concrete surface beds, slabs, etc	m2	7 320

Carried to Collection

R

Section No. 2
MATERNITY WARD
Bill No. 2
CONCRETE, FORMWORK AND REINFORCEMENT

**CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA**

DAMPPROOFING UNDER SURFACE BEDS

One layer of 250 micron "Gunplas" plastic sheeting:

3	Under surface beds	m2	8 256
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**WATERPROOFING TO ROOFS, BASEMENTS,
ETC**

"Derbiquim" bituminous primer SP3 and SP4 torchon membrane applied by specialist as per manufacturers specification

4	On flat roofs	m2	999
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"Duraflex" cement based waterproofing slurry

5	On flat roofs	m2	999
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"Isoboard" 100mm thick high density 32-36kg/m2 rigid extruded polystyrene closed cell insulation boarding

6	On flat roofs	m2	999
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JOINT SEALANTS, ETC.

Polysulphide sealing compound including backing cord, bond breaker, primer, etc

7	In expansion joints in floors	m	731
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Carried to Collection

Section No. 2
MATERNITY WARD
Bill No. 4
WATERPROOFING

R

**CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA**

73	Orlanto S2 series suspended unit 650 x 150mm high	No	19		
74	Orlanto I3 series wall mounted unit 800 x 215mm high	No	25		
75	Orlanto S1 series suspended unit 800 x 215mm high	No	4		
76	Orlanto S3 series suspended unit 1000 x 300mm high	No	7		
77	Orlanto D1 series wall mounted directory unit 1200 x 1500mm high	No	1		
78	Orlanto P1 series pylon unit 1200 x 1500mm high	No	1		
79	50mm Thick illuminated box letters, 800mm high, supplied and installed as per manufacturers instructions			SUM	350 000.00
<u>PELMETS AND CURTAIN TRACKS (PROVISIONAL)</u>					
<u>"HospiTrack"</u>					
80	"Hospi-Shadowline" suspended cubicle bedscreen rails fixed to suspended ceilings including hangers, brackets, stopped ends, etc	m	736		
81	Extra for bend	No	126		
82	Extra for joint at bend	No	156		
<u>BATHROOM ACCESSORIES</u>					
<u>"Franke"</u>					
83	"CNTX600" 32mm Diameter grab rail with fine grip surface plugged to wall	No	7		
84	"CNTX700A" 32mm Diameter grab rail with fine grip surface plugged to wall	No	5		
85	"CNTX750" 32mm Diameter grab rail with fine grip surface plugged to wall	No	64		
86	"CNTX70B" 32mm Diameter fold down paraplegic grab rail with satin finish plugged to wall	No	5		
87	"CNTXPAR" 32mm Diameter paraplegic grab rail with satin finish plugged to wall	No	61		
Carried to Collection				R	
Section No. 2 MATERNITY WARD Bill No. 9 IRONMONGERY					

CONSTRUCTION OF A NEW MATERNITY WARD AT T HEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA

88	"CNTXBR" 32mm Diameter cistern and valve back rail with satin finish plugged to wall	No	6	
89	"BHM 9P" Stainless steel towel rail	No	4	
90	Lockable toilet paper holder (code RODX672)	No	80	
	<u>Taking delivery, storing and installation of the following items to masonry or concrete (fittings supplied by client)</u>			
91	"Kimberley Clark" liquid soap dispenser	No	208	
92	"Kimberley Clark" paper towel dispenser	No	254	
93	"Medicare Hospital Equipment" glove and apron dispenser (code LD-007)	No	59	
94	"Kimberley Clark" waste bin mounted to wall	No	241	
	<u>"Micromath Trading"</u>			
95	Fold-up shower seat with stainless steel frame and plastic seat	No	66	
	<u>SUNDRIES</u>			
	<u>"Dorma"</u>			
96	"CH150" 150mm Cabin hook	No	7	
97	"DDS-SS-021" Stainless steel door stop screwed to floor	No	680	
98	"DHC-SS-031B" Stainless steel hat and coat hook	No	155	
99	"DPS-SS-032" Stainless steel dust proof strike	No	170	
	<u>"Union"</u>			
100	AL8721AS hat and coat hook plugged to wall	No	98	
101	Broom and mop hook	No	10	
	<u>BUMPRAILS, CORNER PROTECTORS, ETC</u>			
	Carried to Collection			R
	Section No. 2 MATERNITY WARD Bill No. 9 IRONMONGERY			

CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA

138	"Z-series" Solid steel shelves (code 355092), 1200 x 400mm deep, mounted to wall bands 1829mm high bolted to wall at 1200mm centers	No	30		
	<u>Stainless steel</u>				
139	"CUP006A" Wall mounted medicine cabinet, size 900 x 300 x 600mm high	No	6		
140	600 x 300mm Wall mounted shelving fixed to wall with stainless steel wall bands	No	18		
141	600 x 300mm Wall mounted shelving fixed to wall with stainless steel wall bands	No	6		
142	1500 x 300mm Wall mounted shelving fixed to wall with stainless steel wall bands	No	10		
143	2400 x 300mm Wall mounted shelving fixed to wall with stainless steel wall bands	No	8		
144	2425 x 460mm Wall mounted shelving fixed to wall with stainless steel wall bands	No	6		
145	2650 x 300mm Wall mounted shelving fixed to wall with stainless steel wall bands	No	6		
146	3505 x 440mm Wall mounted shelving fixed to wall with stainless steel wall bands	No	2		
	<u>LOCKERS</u>				
	<u>"Cubicle Solutions"</u>				
147	Compact laminate 4T locker (code CSL104) , size 300 x 450 x 1800mm high	No	127		
	<u>FILING CABINET</u>				
148	FXB 251 : Filing cabinet (as per specification document)	No	3		
	<u>NOTICEBOARDS, PINBOARDS ETC</u>				
	<u>Taking delivery, storing and installation of the following items to masonry or concrete (fittings supplied by client)</u>				
149	Pinning board, size 1000 x 1500mm high	No	12		
150	Pinning board, size 1600 x 750mm high	No	3		
	Carried to Collection				
	Section No. 2 MATERNITY WARD Bill No. 9 IRONMONGERY				R

**CONSTRUCTION OF A NEW MATERNITY WARD AT T HEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA**

151	Whiteboard, size 1000 x 1500mm high	No	9		
152	Whiteboard, size 1500 x 1000mm high	No	3		
	<u>X-RAY SCREEN</u>				
153	FXB 871 : X-ray screen (as per specification document)	No	6		
	<u>BUDGETARY ALLOWANCES</u>				
154	Provide a sum of R15 000.00 for the supply and installation of a windsock complete with ring, polymer bush, 3m long pole and mounting bracket or base plate			SUM	15 000.00
155	Provide a sum of R15 000.00 for the supply and installation of warning signs			SUM	15 000.00
	Carried to Collection			R	

Section No. 2
MATERNITY WARD
Bill No. 9
IRONMONGERY

**CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA**

11	40mm Door 900 x 2032mm high (Type 20,Type 21,Type 27,Type 28)	No	7		
12	40mm Door 930 x 2032mm high (Type 12)	No	6		
	<u>Semi-solid core flush doors hung to steel frames</u>				
13	40mm Door 600 x 2032mm high (Type 29)	No	31		
14	40mm Door 762 x 2368mm high (Type 7)	No	20		
15	40mm Door 813 x 2032mm high (Type 8,Type 9,Type 13, Type 19)	No	175		
16	40mm Swing double door in equal leaves, overall size 1206 x 2032mm high (Type 06)	No	11		
17	40mm Double door in equal leaves, overall size 1511 x 2368mm high (Type 11)	No	17		
	<u>Semi-solid core flush swing doors hung to steel frames</u>				
18	40mm Double door 1613 x 2032mm with glazed view panel on each door of size 300 x 640mm high (glazing elsewhere measured)(Type 1)	No	16		
	<u>"Pelican Systems" Pyropanel Class B fire doors</u>				
19	Class B fire door 900 x 2 032mm high including pressed steel frame for one brick wall (Type 22)	No	15		
20	Class B fire double door in two equal leaves, overall size 1511 x 2 032mm high including pressed steel frame for one brick wall (Type 23)	No	9		
	<u>TIMBER CLADDING</u>				
	<u>"Eva-last"</u>				
21	Alcotruss pergola beam cladding system supplied and installed complete			SUM	498 278,00
	<u>JOINERY FITTINGS (PROVISIONAL)</u>				
	<u>SUPPLEMENTARY PREAMBLES</u>				
	Carried to Collection			R	
	Section No. 2 MATERNITY WARD Bill No. 6 CARPENTRY AND JOINERY				

CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA

STAINLESS STEEL WORKTOPS, ETC

Franke

Stainless steel worktops manufactured from 1.2mm thick grade 304 stainless steel fixed to wall

1	1000 x 600mm Wide workbench (Code 359558) with 150mm high splashback fixed to wall with anchor bolts	No	16
2	3505 x 590mm Wide workbench (Code 359558) with 150mm high splashback fixed to wall with anchor bolts	No	2

STEEL HANDRAILS, BALUSTRADES, ETC

BAL - 211 :Mild steel balustrade with stainless steel handrail (as per specification document)

3	60mm Diameter stainless steel handrail on mild steel balustrade with 38mm diameter support posts fixed to floor and 16mm diameter infill rails welded to posts	m	178
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BAL - 215 :Mild steel balustrade with mild steel handrail (as per specification document)

4	60mm Diameter mild steel handrail on mild steel balustrade with 38mm diameter support posts fixed to floor and 16mm diameter infill rails welded to posts	m	40
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BAL - 311 :Stainless steel balustrade with stainless steel handrail (as per specification document)

5	60mm diameter stainless steel handrail on mild steel balustrade with 38mm diameter support posts fixed to floor and 16mm diameter infill rails welded to posts	m	72
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HDR - 131 :Mild steel handrail (as per specification document)

6	50mm diameter tubular mild steel handrail fixed to wall with 10mm diameter bracket	m	96
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STEEL GATES, SCREENS, ETC

Galvanised mild steel gates

7	Purpose made steel gate size 1000 x 2100mm high of 40 x 40 x 2mm mild steel tubing framework bolted to wall with infill of 12 x 12mm mild steel sections	No	1
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Carried to Collection

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Section No. 2
MATERNITY WARD
Bill No. 11
METALWORK

CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA

	<u>Prepare and apply one coat plaster primer and two coats Plascon Wall and All paint</u>			
5	On internal walls	m2	34	
	<u>PAINT ON CONCRETE</u>			
	<u>Two coats white road marking paint</u>			
6	100mm Wide solid line	m	60	
7	Medical "H" symbol not exceeding 20m2 in area on concrete slab	No	1	
	<u>Two coats red road marking paint</u>			
8	Medical cross symbol not exceeding 45m2 in area on concrete slab	No	1	
	<u>PAINT ON FIBRE-CEMENT</u>			
	<u>Prepare and apply one coat alkali resistant primer and two coats "Plascon Polvin" super acrylic PVA or equal approved emulsion paint</u>			
9	On external fascias and bargeboards	m2	220	
	<u>PAINT ON METAL</u>			
	<u>Prepare, touch up primer and apply one coat universal undercoat and two coats egg shell enamel paint</u>			
10	On pressed steel door frames	m2	1 046	
11	On steel doors	m2	149	
12	On gates, grilles, balustrades, burglar screens etc (both sides measured)	m2	367	
	<u>PAINT ON WOOD</u>			
	<u>Prepare and apply one undercoat and two coats "Plascon Velvado" paint</u>			
13	On doors	m2	2 984	
	Carried to Collection			
	Section No. 2 MATERNITY WARD Bill No. 16 PAINTWORK			R

CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA

FOUNDATIONS

Loadbearing brickwork of NFX bricks (14 MPa nominal compressive strength) in class I mortar

1	Half brick walls	m2	5
2	One brick walls	m2	38
3	330mm Solid walls	m2	30

BRICKWORK SUNDRIES

Brick reinforcement

4	Brick reinforcement 75mm wide built into brick walls with sufficient laps at end joints, angles and intersections (measured net)	m	29
5	Brick reinforcement 150mm wide built into brick walls with sufficient laps at end joints, angles and intersections (measured net)	m	262

FACE BRICKWORK

Face bricks (PC Amount of R9000.00/1000 excluding VAT delivered to site) bedded in cement mortar pointed with flush horizontal and vertical joints

6	Extra over brickwork for face brickwork in foundations (Provisional)	m2	13
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SUPERSTRUCTURE

Brickwork of NFP bricks in class II mortar

7	Half brick walls	m2	53
<u>Loadbearing brickwork of NFX bricks (14 MPa nominal compressive strength) in class I mortar</u>			
8	One brick walls	m2	129
9	330mm Solid walls	m2	91

Carried to Collection

Section No. 3
GATE HOUSES AND ELECTRICAL ROOM
Bill No. 3
MASONRY

R

CONSTRUCTION OF A NEW MATERNITY WARD AT T HEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA

	<u>Brick reinforcement</u>			
10	Brick reinforcement 75mm wide built into brick walls with sufficient laps at end joints, angles and intersections (measured net)	m	157	
11	Brick reinforcement 150mm wide built into brick walls with sufficient laps at end joints, angles and intersections (measured net)	m	650	
	<u>Prestressed concrete lintols including temporary supports</u>			
12	110 x 75mm Lintol in lengths not exceeding 3m long	m	5	
	<u>FACE BRICKWORK</u>			
	<u>Face bricks pointed with recessed horizontal and vertical joints</u>			
13	Extra over brickwork for face brickwork	m ²	93	
14	Extra over brickwork for brick-on-edge header course lintel pointed on face and 115mm soffit	m	18	
	<u>Face brick-on-edge header course copings, sills etc. at a net purchase price of R9000/1000 delivered on site pointed with recessed joints on all exposed faces</u>			
15	180mm Wide sill set sloping and slightly projecting	m	4	
	<u>FIBRE CEMENT WINDOW CILLS</u>			
	<u>Nutec fibre cement cills in single lengths bedded in 1:3 cement mortar</u>			
16	150mm x 10mm Wide pressed fibre cement cills set flat and slightly projecting	m	4	
	<u>PAVING</u>			
	<u>Paving of 50mm paving bricks with butt joints on 20mm thick river sand bed with sand swept into joints</u>			
17	Paving in stretcher bond to falls	m ²	101	
	<u>Kerbs</u>			
18	Figure 3 Kerbs	m	124	
	Carried to Collection			
	Section No. 3 GATE HOUSES AND ELECTRICAL ROOM Bill No. 3 MASONRY			R

CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA

- 7) temporary casing and/or other protection of the work;
- 8) site security measures;
- 9) hoisting of the sub-contractor's material in loads not exceeding 500 kg;
- 10) making good in all trades and final cleaning down on completion.

The cost of fuel, power and water for the commissioning of plant shall be borne by the sub-contractor appointed for the relevant sub-contract works in terms of the conditions under which they have/are contract for the specialist work involved. The contractor shall allow opposite this item or under the relevant attendance items for the recovery of such costs via the installation of the necessary metres, etc.

LANDSCAPING

- 1 Provide for landscaping, to be expended as the Agent/Representative may direct or deduct in whole or in part, if not required.
- 2 Allow for profit on last if required
- 3 Allow for giving every facility to, attending upon and making good after the Specialists installing the service complete and for providing the use of all ordinary plant

Item	800 000.00
Item	
Item	

ELECTRICAL INSTALLATION

- 4 Provide for the complete electrical installation to be expended as the Agent/Representative may direct or deduct in whole or in part, if not required.
- 5 Allow for profit on last if required
- 6 Allow for giving every facility to, attending upon and making good after the Specialists installing the service complete and for providing the use of all ordinary plant

Item	56 458 500.00
Item	
Item	

LIGHTNING PROTECTION INSTALLATION

- 7 Provide for the complete lightning protection installation to be expended as the Agent/Representative may direct or deduct in whole or in part, if not required.

Item	495 000.00
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Carried to Collection

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Section No. 5
PROVISIONAL SUMS
Bill No. 1
PROVISIONAL SUMS

CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>BILL NO. 1</u>			
	<u>FENCING</u>			
	<u>PREAMBLES</u>			
	For preambles refer to "Model Preambles for Trades" (2008 Edition)			
	<u>DEMOLITIONS</u>			
	<u>Taking down and removing</u>			
1	2 400mm High concrete palisade security fence with posts and droppers with razor wire on top, transported over a distance of approximately 10km to a dumping site	m	93	
	<u>PRECAST CONCRETE FENCING</u>			
	<u>"Wilhesco Walling" or other equal and approved precast concrete palisade fence finished smooth on exposed surfaces including preparation of ground</u>			
2	Concrete Palisade fence 2 400mm high above ground level over flat or sloping terrain with 150 x 230 x 3 500mm long intermediate and end posts at 4000mm intervals and 150 x 230 x 3000mm long intermediate posts at 2000mm intervals founded in 400 x 400 x 600mm deep concrete bases, with 160 x 76 x 1 940mm long top and bottom horizontal beams with 100 x 80 x 2 400mm long pales (eight pales per panel) bolted to rails at intersections, including stopping off bolt holes with cement mortar complete, with and including flat wrap razor wire on top and 4 rows of 2mm diameter strain high tensile wire	m	121	
	Carried to Collection			R
	Section No. 4 EXTERNAL WORKS (PROVISIONAL) Bill No. 1 FENCING			

**CONSTRUCTION OF A NEW MATERNITY WARD AT THEMBA HOSPITAL
IN KABOKWENI, MPUMALANGA**

Section No	<u>FINAL SUMMARY</u>	Page No		Amount
1	PRELIMINARIES	138		
2	MATERNITY WARD	256		
3	GATE HOUSES AND ELECTRICAL ROOM	310		
4	EXTERNAL WORKS (PROVISIONAL)	323		
5	PROVISIONAL SUMS	329		
	SUB TOTAL		R	
	<u>CONTINGENCIES</u>			
	Provide an amount of R 26 070 000.00 for contingencies to be used at the discretion of the Agent/Representative and deducted in whole or in part if not required	Item		
	<u>COMMUNITY LIASON OFFICER</u>			
	Provide an amount of R 360 000.00 for a community liason officer	Item		
	<u>CONTRACT PRICE ADJUSTMENT</u>			
	Provide an amount of R 32 850 000.00 for contract price adjustment to be used at the discretion of the Agent/Representative and deducted in whole or in part if not required	Item		
	SUB TOTAL		R	
	VAT		R	
	Carried to Form of Tender		R	