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## **MADADENI PROVINCIAL HOSPITAL UPGRADE TO STUDENT ACCOMMODATION**

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### **PART C3. SCOPE OF WORKS**

**C3.1 SCOPE OF WORKS**  
**GCC FOR CONSTRUCTION WORKS (Edition 2 of 2010)**

Scope of Works complied in accordance with SANS 10403 where reference is made to this part of SANS 1921-1:2004

**Project title:** MADADENI PROVINCIAL HOSPITAL UPGRADE TO STUDENT ACCOMMODATION

**Tender no:** ZNB 5002/2022-H

**Project Code:**

**1** SECTION 1

**1** EXTENT OF THE WORKS

**1.1 EMPLOYERS OBJECTIVES**

Provision of new health facilities including refurbishments, upgrades and maintenance of existing facilities  
 Improve health facility planning and infrastructure delivery  
 Create job opportunities.

**1.2 OVERVIEW OF THE WORKS**

To refurbish, upgrade and provide habitable student accommodation for the Nursing Students  
 Ensure maximum usage for each building and room space as per IUSS Health Facility Residential Guidelines  
 Ensure compliance with the South African Constitution and DHET Minimum norms and standards for Student housing.

**1.3 EXTENT OF THE WORKS**

Refurbishment of existing blocks, which includes replacing roof, floor covering, windows, joinery, fittings, kitchen units, maintain bathrooms and plumbing, etc. New additional blocks as per drawings and specifications  
 External works to include new screen wall and fence, new parking, new washing lines, new entertainment areas, concrete aprons, new roof and rainwater goods, etc.

Project to be completed in sections (Sectional Completion) to accommodate the decanting process, as the facility is in use. See the attached Decanting Plan, Drawing no: ARCH-DCN.

**1.4 LOCATION OF THE WORKS**

The site is situated within the premises of the Madadeni Hospital on Site 1(Hospital Site) Township of Madadeni F, Farm Shuttleworth No: 9504 .

GPS Co-ordinates for the site is:

Latitude : 27° 45' 45.5831"S

Longitude : 30° 03' 16.9009"E

**1.5 TEMPORARY WORKS**

All temporary work to comply with the Occupational Health and safety Act (Act 85 of 1993)

**2** ENGINEERING

**2.1 EMPLOYER'S DESIGN**

Not applicable

**2.2 DESIGN BRIEF**

Not applicable

**2.3 DRAWINGS**

See list of drawings/Annexure's attached to this document.

2.4	<p><b>DESIGN PROCEDURES</b></p> <p>Not applicable</p>
3	<p><b><u>PROCUREMENT</u></b></p>
3.1	<p><b>PREFERENTIAL PROCUREMENT PROCEDURES</b></p> <p>This tender will be subject to the implementation of the Preferential Procurement Regulations, 2017 pertaining to the Preferential Procurement Policy Framework Act, Act Number 5 of 2000 and the relevant Supply Chain Management Legislation and the KwaZulu-Natal Supply Chain Management Policy Framework published by the KwaZulu-Natal Provincial Treasury. Tenderders are referred to <a href="http://www.kzntreasury.gov.za">www.kzntreasury.gov.za</a> for access to the relevant documents.</p> <p>Tenderders are advised to familiarize themselves with the contents of the KwaZulu-Natal Supply Chain Management Policy Framework regarding Preference Point Systems, evaluation of tenders appeals and other matters.</p>
3.2	<p><b>RESOURCE STANDARD PERTAINING TO TARGETED PROCUREMENT</b></p> <p>NOTE : This project will be adjudicated as exceeding R 50,000 000,00</p>
3.3	<p><b>SCOPE OF MANDATORY SUBCONTRACT WORK</b></p> <p>Not applicable</p>
3.4	<p><b>PREFERRED SUBCONTRACTORS/SUPPLIERS</b></p> <p>Not applicable</p>
3.5	<p><b>SUBCONTRACTING PROCEDURES</b></p> <p>Not applicable</p>
4	<p><b><u>CONSTRUCTION</u></b></p>
4.1	<p><b>APPLICABLE SANS 2001 STANDARDS FOR CONSTRUCTION WORKS</b></p> <p>The Contractor is referred to the "Model Preambles to Trades - 2009", any "Supplementary Preambles", the Electrical Specifications and Mechanical Specification for full descriptions of materials and methods referred to in these Bills of Quantities/Lump Sum documents, insofar as they apply. The Contractor is advised to study the "Standard Preambles to all Trades", any "Supplementary Preambles", the Electrical Specifications and Mechanical Specification, before pricing Bills of Quantities/Lump Sum documents.</p> <p>Where the description in the Bills of Quantities/Lump Sum documents differ from those in the Standard Electrical Specifications, the descriptions in the Bills of Quantities/Lump Sum documents are to apply. No claim whatsoever will be allowed in respect of errors in pricing due to brevity of description of items in the Bills of Quantities/Lump Sum documents which are fully described when read in conjunction with the relevant Preambles and/or Specifications. Suppliers of materials and the like, whose quality systems apply with one or more of the SABS/SANS ISO 9000 Series should be used whenever possible in the absence of a particular SABS/SANS Specification Standard Mark.</p> <p>Wherever the words "shall be deemed to be included in the description", "shall be stated" or other words having the same effect, appear in the Standard System, it shall be deemed that all descriptions in these Bills of Quantities/Lump Sum documents incorporated such inclusions and statements whether specifically stated or not.</p> <p>The Contractor is hereby informed that where SABS/SANS Specifications are referred to in these Bills of Quantities/Lump Sums documents and Specifications thereto, then ONLY the Specification of Work Clauses will apply. The method of measurement and payment clauses will NOT apply to this Contract.</p> <p>The Contractor is hereby informed that risk of collapse and keeping excavations free from water (excluding subterranean water) generally are deemed to be included in the descriptions unless accommodated in the system of measurement. Please refer to the Geotechnical Investigation report when included at the end of these tender documents.</p> <p>Whenever reference is made to "Sub-Contractor", "Nominated Sub-Contractor" or the like in the specifications included or referred to in these Bills of Quantities/Lump Sums documents, it shall be deemed to mean "Contractor" as defined.</p>

**4.2 APPLICABLE NATIONAL AND INTERNATIONAL STANDARDS**

See above 4.1

**4.3 PARTICULAR / GENERIC SPECIFICATIONS**

The Contractor is referred to the following documents whether attached to this document or not:

<u>SPECIFICATION</u>	<u>PAGES</u>
Specification for HIV/AIDS Awareness (CIDB)	HIV1 TO HIV3
Specific Construction, Safety, Health and Environmental Plan	
Standard Preambles for all Trades (Rev 3) - DOH 2009	1 to 95
General Electrical Specification	E/1 to E/20
Lightning Protection Installation	LP/1 to LP/6

**4.4 CERTIFICATION BY RECOGNIZED BODIES**

Only contractors registered with the Electrical Contracting Board of South Africa in accordance with the Regulations of the Occupational Health and Safety Act will be accepted and permitted to do work under this contract.

**4.5 AGRÉMENT CERTIFICATES**

Not applicable

**4.6 PLANT AND MATERIAL PROVIDED BY THE EMPLOYER**

Not applicable

**4.7 SERVICES AND FACILITIES PROVIDED BY THE EMPLOYER**

Not applicable

**4.8 OTHER SERVICES AND FACILITIES**

The Contractor shall provide any artificial lighting which may be necessary or required for the proper execution of the works, and provide electric power and water required by all Sub-Contractors, Nominated Sub-Contractors and Sub-Contractors appointed directly by the Administration.

The Contractor shall give all notices and pay all fees in connection with temporary electrical and water connections and shall connect temporary Electrical and Water meters for and pay for all current and water consumed.

The Contractor is advised that the permanent light fittings and water points of any kind installed in the Works are not to be used to provide temporary lighting and supplement water requirements for construction purposes.

**5 MANAGEMENT**

**5.1 APPLICABLE SANS 1921 STANDARDS**

Tenderders are referred to  
SECTION 2 : SPECIFICATION DATA ASSOCIATED WITH SANS 1921-1:2004 IN THIS DOCUMENT

**5.2 RECORDING OF WEATHER**

The Contractor shall keep record of abnormal climatic conditions to facilitate the adjudication of claims for extension of the contract period.

The Contractor shall allow in his programme for the following number of days for rain days (rain > 10mm per day) as per the table below:

CURRENT YEAR			YEAR + 1	YEAR + 2
January	w/days	3	3	3
February	w/days	3	3	3
March	w/days	3	3	3
April	w/days	3	3	3
May	w/days	3	3	3
June	w/days	3	3	3
July	w/days	3	3	
August	w/days	3	3	
September	w/days	3	3	
October	w/days	3	3	
November	w/days	3	3	
December	w/days	3	3	

### 5.3 MANAGEMENT MEETINGS

In order to facilitate the smooth functioning of the Works and to ensure the closest co-operation between all the parties concerned, the Employer will call for regular meetings to be held on the site, at which a senior member of the Contracting firm and the General Foreman of the Works will always be required to be present.

In addition to the above, other persons will be required to attend these meetings as and when their presence is necessary, e.g., Consultants in all disciplines, representatives of the various Sub-Contractors, etc.

Proper minutes of these meetings will be kept by the Employer/Principal Agent and copies will be circulated to all persons attending the meetings and to others who need to be kept informed.

### 5.4 FORMS FOR CONTRACT ADMINISTRATION

The Employer shall provide all necessary forms.

### 5.5 ELECTRONIC PAYMENTS

The Contractor shall provide all required information to the Employer to facilitate electronic payments upon request.

### 5.6 DAILY RECORDS

The Contractor shall keep daily records of people and equipment employed as well as a site diary in respect of work performed on the site.

At the end of each week the Contractor shall provide the Principal Agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all Sub-Contractors on the works each day.

At the end of each week the Contractor shall provide the Principal Agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works.

### 5.7 BONDS AND GUARANTEES

The Contractor shall within 10 calendar days after receiving notice from the Engineer and prior to receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the Employer's agent (whose details are given in the contract data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the Contract Data.

### 5.8 PAYMENT CERTIFICATES

Requirements will be in accordance with the Employers prescriptions.

5.9	<p><b>PERMITS</b></p> <p>The Contractor is advised that, in the case of an existing building or institution, all security measures in force will remain in operation and he must acquaint himself and his Employees with them as he and his Employees will at all times be subject to these measures.</p> <p>The Contractor will on no account extend his operations beyond the confines of the building site as indicated by the Employer and must ensure that all his Employees are made aware of these limits. Any Employee disregarding this instruction and found outside the limit of the building site without authority, shall be redeployed immediately and shall not again be employed on this Contract.</p> <p>The Contractor will be responsible for ensuring that this instruction is strictly enforced and must provide and remove upon completion or when directed, such other necessary temporary barriers, fences, etc., as may be required and is to allow opposite this item for any charges he may wish to make in this connection.</p> <p>The Employer will accept no responsibility whatsoever for damage to or the loss of plant, materials, etc., from the site.</p>
5.10	<p><b>PROOF OF COMPLIANCE WITH THE LAW</b></p> <p>The following certificates must be provided before first delivery is taken:</p> <ul style="list-style-type: none"> <li>- HIV/STI Report (Bound into this document)</li> <li>- Electrical Compliance Certificate</li> <li>- Plumbing Compliance Certificate</li> <li>- Lightning Certificate</li> <li>- Soil Protection Certificate</li> <li>- Concrete test and cube certificates</li> <li>- Waterproofing Guarantee certificates</li> <li>- TR1 and TR2 prefabricated roof truss certificates</li> <li>- Soil compaction certificates</li> <li>- Electrical and Mechanical test certificates</li> <li>- Plumbing and drainage pressure test certificates</li> <li>- Fire Compliance Certificate</li> <li>- Entomology Certificate</li> <li>- SANS 10400-A:2010 compliance certificates</li> <li>- Latest National Building Regulation</li> </ul>
5.11	<p><b>INSURANCE PROVIDED BY THE EMPLOYER</b></p> <p>Not Applicable</p>
Clause Numbers	<p><b><u>SECTION 2</u></b></p> <p><b><u>SPECIFICATION DATA ASSOCIATED WITH SANS 1921-2004</u></b></p> <p><b>4.1.7 The requirements for drawings, information and calculations for which the Contractor is responsible are:</b></p> <p>Prefabricated roof trusses design must be submitted for approval 30 days prior to erections.</p> <p><b>4.2.1 The responsibility strategy assigned to the Contractor for the works is:</b></p> <p>Strategy A</p> <p><b>4.2.2 The structural engineer is:</b></p> <p>Black Balance Projects (Pty) Ltd</p> <p><b>4.2.3 Drawings &amp; other info are to be submitted in accordance with the contractors programme</b></p> <p>N/A</p>
4.3	<p><b>The planning, programme and method statement are to comply with the following:</b></p> <p>N/A</p>

4.12.1	<p><b>Samples of materials</b></p> <p>The work is to be executed with materials of the best specified and in the most substantial and workmanlike manner under the inspection of the Employer and to his satisfaction.</p> <p>The Contractor shall furnish, without delay, such samples as called for or may be called for by the Employer, who may reject all materials or workmanship not corresponding with the approved sample.</p> <p>The samples of materials, workmanship and finishes that the Contractor is to provide and deliver to the employer are:</p> <ul style="list-style-type: none"> <li>- Tile sample.</li> <li>- Brick sample.</li> <li>- Light fitting sample.</li> <li>- Screed panel 2m x 2m impact test.</li> <li>- Tested trial mix to be approved by the Engineer.</li> </ul>
4.12.2	<p><b>Fabrication drawings that the contractor is to provide to the employer are:</b></p> <p>None</p>
4.12.3	<p><b>Office accommodation, equipment, accommodation for site meetings and other facilities for use by the employer and his agents are:</b></p> <p><b>OFFICE FOR FOREMAN</b></p> <p>Provide, erect, maintain and remove at completion a suitable temporary office for the Contractor or his Foreman, perfectly secured, lighted and ventilated and having a desk with drawers.</p> <p><b>TELEPHONE</b></p> <p>The Contractor shall provide a telephone on the site for the use of the Contractor and all Sub-Contractors for the duration of the Contract, and must make the necessary application for connection, give all notices and pay all fees, rentals and charges for the service and also for all calls.</p> <p><b>OFFICE FOR INSPECTOR OF WORKS</b></p> <p>Provide, erect, maintain and remove at completion a well constructed temporary office for the Inspector of Works not less than 4 x 3 m on plan and 3 m high to eaves to the approval of the Employer. The office shall be constructed of wood framing covered externally with corrugated iron or corrugated asbestos and with a lean-to roof covered with the same material as the external wall covering. The office shall be lined internally with soft board or other approved material and a ceiling shall be provided of the same material as the internal lining. A suspended wood floor shall be provided and is to finish not less than 300 mm above the ground level. A lockable door and a window, which provides adequate light and ventilation, shall be fitted.</p> <p>An office constructed of 115 mm thick brick-work and provided with a screeded concrete floor and roofed and ceiled as above described may be accepted as an alternative but prior permission of the Employer will be necessary before construction of such an office is commenced and his requirements shall be stated and fulfilled by the Contractor.</p> <p>The office shall be fitted in an approved manner with a sloping topped desk of height and length suitable for the laying out and studying of drawings, a desk or table with not less than two lock-up drawers, shelves, seating and wash-stand, and the Contractor shall provide all necessary attendance.</p> <p><b>TELEPHONE IN OFFICE FOR INSPECTOR OF WORKS</b></p> <p>The Contractor shall arrange for the installation of a lockable telephone in the Office for the Inspector of Works for the duration of the Contract. The Contractor will be required to make the necessary application for connection and give all notices on behalf of the Employer. The Employer will, however, be responsible for the direct payment of all fees, rentals and other charges by Telkom for the service for the Inspector of Works and for all calls made from this telephone.</p>

	SHED
	Provide, erect, maintain and remove at completion, ample temporary sheds for the proper storage of materials and for the use of the workmen, and remove when no longer required.
<b>4.14.6</b>	<b>The requirement for provision and erection of signboards are:</b>
	Supply, erect, maintain and remove at completion a painted notice board, size overall 2800 x 2345 mm high sign written to detail. Only the official notice board is to be displayed on the site and no Sub-Contractor's boards will be permitted. The Contractor, at his own cost, may provide a board on which all sub-contract firms' names may be sign written. The notice board is to be to the approval of the Employer and is to be maintained in first class condition and placed where directed at the entrance to the site and remain there for the duration of the Contract.
<b>4.17.1</b>	<b>Requirement for the termination, diversion or maintenance of existing services:</b>
	Should the Contractor come in contact with any underground cables or pipes during excavations, immediate notification must be made to the Employer and all work in the vicinity of such cables, pipes, etc., shall cease until authority to proceed has been obtained from the Employer. Should the Contractor damage underground cables or pipes resulting in a disruption of services to an existing institution such damage shall be repaired immediately.
<b>4.17.3</b>	<b>Services which are known to exist on the site:</b>
	Investigate and provide detail drawings.
<b>4.17.4</b>	<b>Requirement for detection apparatus</b>
	None
<b>4.18</b>	<b>ADDITIONAL HEALTH AND SAFETY REQUIREMENTS ARE:</b>
	By the submission of a tender, any Tenderder will, if awarded the contract to which this tender document relates, be deemed to be the mandatory as envisaged by Section 37 (2) of the Act. As a mandatory the successful Tenderder will be deemed to be the "principal contractor" and an employer in his/her/their own right with duties as prescribed in the Act and accordingly will be deemed to have agreed to be solely responsible for ensuring that in connection with the service to which this tender document relates, all work will be performed and machinery and plant used in accordance with the Act. Should the Contractor, for whatever reason be unable to perform as required by the Act, the Contractor undertakes to inform the Employer accordingly. Tenderders are advised that it is a Condition of this Tender that a 'Construction Phase Safety, Health and Environmental Plan' specifically relates to the project for which tenders are being submitted and must be prepared by the Tenderder and submitted with the other tender documents at the time of tender. Failure to do so Tenderders are therefore advised to study the 'Construction Safety, Health and Environmental Specification' which is issued as part of this tender document, the Model Preambles to Trades - 2009, any project Specification included in this tender document and any and all drawings which are referred to and issued as part of this tender document before preparing their own project specific 'Construction Phase Safety, Health and Environmental Plan' . Tenderders are also advised that such a plan which is submitted with a tender but is incomplete or considered inadequate by the Employer or his Representative will invalidate the tender. The Contractor will be deemed to have satisfied himself with his obligations in terms of the Act and to have allowed for all costs arising from compliance with the Act as no claim for extra costs arising from compliance with, and obligations in terms of the Act will be entertained.
<b>4.22</b>	<b>WORK BY NOMINATED AND SELECTED SUBCONTRACTORS COMPRISE:</b>
	[Provide list of applicable contractors]



## C3.2 - SPECIFICATION FOR HIV/AIDS AWARENESS

### 1 Scope

This generic specification contains requirements applicable to the reduction of the risk of transfer of the HIV virus between and among construction workers and the local community through the following four strategies:

- a) raising awareness about HIV/AIDS;
- b) providing construction workers with access to condoms;
- c) HIV counselling, testing and referral services; and
- d) Sexually Transmitted Infection diagnosis and treatment.

### 2 Normative references:

The following standard contains provisions that, through reference in this text, constitute provisions of this standard:

SANS 4074 ISO 4074, *Condom Rubbers*

### 3 Definitions and Abbreviations

#### 3.1 Definitions

**Construction Worker:** all persons in the employ of the contractor or in the employ of any of the subcontractors contracted by the contractor.

**Local Community:** the communities local to the site which are most likely to have contact with the construction worker and, in particular, sex workers in those communities.

**Service provider:** the natural or juristic person recognised by the South African Department of Health as specialist in conducting Aids Awareness Programmes.

#### 3.2 Abbreviations

STI: Sexually transmitted infection

HIV: Human Immunodeficiency Virus

AIDS: Acquired Immune Deficiency Syndrome

### 4 Objectives

The objectives are to:

- a) reduce the risk of transfer of the HIV virus between and among construction workers and the local community;
- b) raise awareness amongst construction workers and the local community of the risk of infection with the HIV virus;
- c) promote early diagnosis; and
- d) assist affected individuals to access care and counselling.

## **5 Requirements**

### **5.1 General requirement**

The contractor shall, in order to satisfy the objectives stated in 4:

- a) make condoms complying with the requirements of SABS ISO 4074 available to all construction workers at readily accessible points on the site, suitably protected from the elements, for the duration of the contract;
- b) either place and maintain HIV/AIDS awareness posters of size of not less than A1 in areas which are highly trafficked by construction workers, or provide construction workers with a pamphlet, in languages largely understood by construction workers, which
- c) encourage voluntary HIV/STI testing;
- d) provide information concerning counselling, support and care of those that are infected services; and
- e) comply with the requirements of 5.2.

***The provisions of 5.1 c) and d) do not apply to this contract.***

### **5.2 HIV awareness programme**

**5.2.1** The contractor shall:

- a) engage a qualified service provider as described in the scope of works to conduct an HIV Awareness Programme which is structured to achieve the outcomes stated in 5.2.3 for contract workers as soon as a construction workers camp is established and populated or, where no such camp is established, within two weeks of the commencement of a significant portion of the works and at subsequent intervals, if any, provided for in the scope of works; and
- b) arrange for, provide a suitable venue, and instruct all construction workers to attend the HIV Awareness Programme and notify the Employer's Representative of the date, time and venue whenever a session with construction workers is conducted.

**Note: The National Department of Public Works maintains a list of qualified service providers.**

**5.2.2** The contractor shall do nothing to dissuade construction workers from attending such an HIV Awareness Programme and shall take all reasonable steps to ensure that a minimum of 90% of construction workers engaged in the works attend such a programme, when it is conducted.

**5.2.3** The outcomes of the HIV Awareness Programme shall as a minimum, result in contract workers exposed to such a programme being able to:

- a) communicate the existence of problems of HIV and be able to outline the consequences of transmission of HIV to or from the local community;
- b) recall and communicate the mode of HIV transmission and preventative measures including the proper use of the condom.

**The HIV/ Aids awareness programme described in 5.2 is to be repeated at four month intervals throughout the duration of the contract. (Four times in total, including the initial one at the start of the contract)**

### **5.3 Reporting**

- 5.3.1** The contractor shall prepare and attach to his claims for payment a brief report which outlines how the actions taken by the contractor in the period for which payment is claimed satisfy the requirements and a schedule which lists the names, identity numbers, trade / occupation and name of employer of all construction workers exposed to the programme (see **HIV/STI Compliance Report**).
- 5.3.2** The employer's representative shall certify the report and schedule described in 5.3.1 whenever a claim for payment is issued to the employer.

**Note: In the event that the contractor fails to satisfy the requirements of this specification, the employer (Head: Public Works) may apply any of the sanctions provided for in the contract. Sanctions may include the application of a financial penalty of .04% of the Contract Sum.**

The *HIV /Aids awareness programme described* in 5.2 shall in addition *be conducted* for the benefit of the local community on two occasions in the community centre nearest to the building site. The contractor shall be *responsible* for inviting identifiable community-based *institutions and organisations, churches, and schools to participate in the programme.*

## C3.3 - HIV/STI COMPLIANCE REPORT

Pro-forma reporting format in terms of the SPECIFICATION FOR HIV/AIDS AWARENESS

Project Code:

Payment Claim number:

Period covered by payment claim:

1. Distribution of condoms (briefly describe where and how condoms are distributed).

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2. Posters / pamphlets (briefly describe where posters were placed / how pamphlets were distributed).

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3. Voluntary testing (briefly describe the actions taken / information provided to promote testing).

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4. Counselling, support and care (summarise information provided).

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5. HIV awareness programme (briefly describe action).

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## **MADADENI PROVINCIAL HOSPITAL UPGRADE TO STUDENT ACCOMMODATION**

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### **PART C4. SITE INFORMATION**

**C4.1 SITE INFORMATION**  
**GCC FOR CONSTRUCTION WORKS (2 Edition of 2010)**

<b>Project title:</b>	<b>MADADENI PROVINCIAL HOSPITAL UPGRADE TO STUDENT ACCOMMODATION</b>		
<b>Tender No.</b>	<b>ZNB 5002/2022-H</b>	<b>Project Code:</b>	

**C4.1 Site Information**

<b>C4.1</b>	<b>GENERAL</b>
(a)	The site is occupied, the buildings are in use and the hospital is run 24hrs a day Monday to Monday. The tenderer will be expected to programme the works in such a way as to minimise interruptions of the smooth running of the facility.
(b)	The tenderer to liaise closely with the hospital management and the Principal agent regarding decanting, etc.
(c)	Refer to the attached proposed Phasing/Decanting Plan.
(d)	Project to be completed in sections (Sectional Completion) to accommodate the decanting process, see the attached Decanting Plan, Drawing no: Arch - DCN.
<b>C4.2</b>	<b>GEOTECHNICAL INVESTIGATION REPORT</b>
(a)	Geotechnical investigations have been conducted and a report is available at request.



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**MADADENI PROVINCIAL HOSPITAL UPGRADE TO STUDENT ACCOMMODATION**

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**PART C5 - DRAWINGS / ANNEXURES**



## C5.1 - LIST OF DRAWINGS/ANNEXURES

### MADADENI PROVINCIAL HOSPITAL UPGRADE TO STUDENT ACCOMMODATION

Tender No.:

ZNB 5002/2022-H

Project Code:

**(Where drawings/annexure's are issued, document compilers must insert the following paragraph and list the applicable drawings/annexure's below.)**

The following drawings/annexure's shall be issued during the Tender period to form part of the tender documentation. Where applicable, drawings/annexure's could be re-issued to the Contractor at commencement of the construction phase.

<u>DRAWING NO</u>	<u>DESCRIPTION</u>
	<b><i>Architectural</i></b>
ARCH-SP01	Site Plan Layout
ARCH-PG01	Ground Floor Plan
ARCH-PF01	First/Second Floor Plan
ARCH-EL01	Elevation 1
ARCH-EL02	Elevation 2 -Section
ARCH-DW01	Door/Window schedule
ARCH-PW01	Braai Pergola & Walkway
ARCH-BIC01	Room Layout 1
ARCH-BIC02	Room Layout 2
ARCH-BIC03	Room Layout 3
ARCH-BIC04	Room Layout 4
ARCH-BIC05	Room Layout 5
ARCH-BIC06	Room Layout 6
ARCH-KC01	Kitchen Layout 1 (Ex Blocks A,B & C)
ARCH-KC02	Kitchen Layout 2 (New Links 1 & 2)
ARCH-BEN01	Bench Layout 1
ARCH-BEN02	Bench Layout 2
ARCH-BEN03	Bench Layout 3
ARCH-DB01	Braai Facility
ARCH-PW01	Braai Pergola and Walkway
ARCH-DCN01	Decanting plan
ARCH-DA01	Ablutions Layout (Ex Blocks)
ARCH-DA02	Ablutions Layout (New Links)
ARCH-DL01	Laundry Layout
ARCH-DS01	Detail Sections
ARCH-ST01	Staircase Details (New Fire Escape stair)
ARCH-FS01	Finishing Schedule
ARCH-SW01	New Screen Wall Layout details

	<b>Civil/Structural</b>
5418-01-100	General Arrangement
5418-01-101	Bulk earthworks to Parking
5418-01-102	Bulk earthworks to Detention Facility
5418-01-103	Typical Details for Bulk Earthworks
5418-02-100	Plan Layout & Long sections
5418-02-101	Cross sections
5418-02-102	Typical details : All catchpits,manholes
5418-03-100	Plan Layout
5418-03-101	Longitudinal sections
5418-03-102	Outlet Works Plan, Elevation, Sections & Cross Sections
5418-03-103	Typical details : All MH's,types, pipelaying
5418-03-104	Catch Pit 1 Details
5418-03-105	Gabion Retaining Wall Details
5418-03-106	Reinforcement Details to Outlet works
5418-04-100	Plan Layout
5418-04-101	Longitudinal sections
5418-04-102	Typical details : Anchor blocks,chamber valve markers,etc
5418-05-100	Plan Layout
5418-05-101	Point sketches
5418-05-103	Typical detail
5418-06-101	Foundation Layout
5418-06-102	Ground Floor Slab, Sections and Layout
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5418-06-108	Structural Steel for Braai Pergola & Walkway
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5418-07-101	Fire protection site plan
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MHSA-GF-LL REV000	Tender – Lighting Layout GF
MHSA- FF-LL REV000	Tender – Lighting Layout FF
MHSA- SF-LL REV000	Tender – Lighting Layout SF
MHSA-GF-SP REV000	Tender – Small Power Layout GF
MHSA- FF-SP REV000	Tender – Small Power Layout FF
MHSA- SF-SP REV000	Tender – Small Power Layout SF
MHSA-GF-DB-CT-REV000	Tender – DB & Cable Tray Layout GF
MHSA-FF/SF-DB-CT-REV000	Tender – DB & Cable Tray Layout FF & SF
MHSA-ACRLL-REV000	Tender – Access Road & Parking Lighting Layout
MHSA-GF-ELCT-REV000	Tender – Electronic Services Layout GF
MHSA-FF/SF-ELCT-REV000	Tender – Electronic Services Layout FF & SF
MHSA-GF-SD-REV000	Tender – Smoke Detection Layout GF
MHSA-FF/SF-SD-REV000	Tender – Smoke Detection Layout FF & SF
MHSA-MS-SLD-REV000	Tender – Single Line Diagram Layout MINI SUB
MHSA-SB-SLD-REV000	Tender – Single Line Diagram Layout SWITCHBOARD
DB1-MHSA-GF-REV000	Tender – Single Line Diagram Layout DB1-GF
DB2-MHSA-GF-REV000	Tender – Single Line Diagram Layout DB2-GF
DB3-MHSA-GF-REV000	Tender – Single Line Diagram Layout DB3-GF
DB4-MHSA-FF-REV000	Tender – Single Line Diagram Layout DB4-FF
DB5-MHSA-FF-REV000	Tender – Single Line Diagram Layout DB5-FF
DB6-MHSA-FF-REV000	Tender – Single Line Diagram Layout DB6-FF
DB7-MHSA-SF-REV000	Tender – Single Line Diagram Layout DB7-SF
DB8-MHSA-SF-REV000	Tender – Single Line Diagram Layout DB8-SF
DB9-MHSA-SF-REV000	Tender – Single Line Diagram Layout DB9-SF
MHSA-KLD-REV000	Tender – Single Line Diagram Layout Keyline
MHSA-SF-DB-CT-CR-REV000	Tender – Cable Tray & Cable route

	<b><i>Mechanical</i></b>
21066-101-M01	Ground Floor - Hot & Cold Water Layout
21066-101-M02	First & Second Floor - Hot & Cold Water Layout
21066-101-M03	Hot & Cold Water Pipe Diagram
21066-101-M04	Ground Floor Mechanical Ventilation
21066-101-M05	1st & 2nd Floor Mechanical Ventilation

<b><u>ANNEXURES</u></b>	
Annexure 1	Standard Preambles for all Trades (Rev 3) - DOH 2009
Annexure 2	General Electrical Specifications
Annexure 3	Detailed Electrical Specifications
Annexure 4	Mechanical Eng Specifications
Annexure 5	Joint Venture Agreement
Annexure 6	Health and Safety Spec
Annexure 7	Health and Safety Bill of Quantities
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Annexure 9	Geotechnical Investigation Report (If applicable)
Annexure 10	EPWP Additional Specification
Annexure 11	EPWP Scope of Works
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