



**KWAZULU-NATAL PROVINCE**

HEALTH  
REPUBLIC OF SOUTH AFRICA

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**PROJECT NO.** : ZNB 10027/2021-H

**DESCRIPTION OF SERVICE** : APPOINTMENT OF A MULTIDISCIPLINARY PROFESSIONAL TEAM FOR HOPEWELL CLINIC: CONSTRUCTION OF A NEW SMALL CLINIC AND STAFF RESIDENCES

**DISCIPLINE** : MULTIDISCIPLINARY TEAM LED BY AN ARCHITECT

**DEPARTMENT OF HEALTH  
CENTRAL SUPPLY CHAIN MANAGEMENT DIRECTORATE  
Private Bag X9051  
Pietermaritzburg 3200**

PLEASE NOTE THAT THIS BID IS SUBJECT TO TREASURY REGULATIONS 16A ISSUED IN TERMS OF THE PUBLIC FINANCE MANAGEMENT ACT, 1999, THE KWAZULU-NATAL SUPPLY CHAIN MANAGEMENT POLICY FRAMEWORK AND THE GENERAL CONDITIONS OF CONTRACT PRESCRIBED BY PROVINCIAL TREASURY.

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## **SECTION A INVITATION TO BID**

### **DESCRIPTION:**

THE APPOINTMENT OF A MULTIDISCIPLINARY PROFESSIONAL TEAM LED BY AN ARCHITECT TO PROVIDE PROFESSIONAL CONSULTING SERVICES FOR HOPEWELL CLINIC: CONSTRUCTION OF A NEW SMALL CLINIC AND STAFF RESIDENCES

Project Number : ZNB 10027/2021-H  
Closing Date : 15 March 2022  
Closing Time : 11:00

#### Compulsory Briefing

Date : 22 February 2022  
Time : 09:00  
Venue : Inkosi Albert Luthuli Central Hospital Nurses Residence Hall

<b>Bid Validity Period: 84 Days</b>
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THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM

THIS BID ALLOWS FOR MULTIPLE AWARDS TO BE MADE

### **BID DOCUMENTS MAY BE POSTED TO:**

HEAD: DEPARTMENT OF HEALTH  
CENTRAL SUPPLY CHAIN MANAGEMENT DIRECTORATE  
PRIVATE BAG X9051  
PIETERMARITZBURG, 3200

OR

### **DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS):**

SUPPLY CHAIN MANAGEMENT  
OLD BOYS SCHOOL  
310 JABU NDLOVU STREET  
PIETERMARITZBURG  
3201

Bidders should ensure that bids are delivered timeously to the correct address. If the bid is late, it will not be accepted for consideration.

The bid box is generally open 24 hours a day, 7 days a week.

### **ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS – (NOT TO BE RE-TYPED)**

**THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2011, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT**

**CONTRACT**

**THE FOLLOWING PARTICULARS MUST BE FURNISHED (FAILURE TO DO SO WILL RESULT IN YOUR BID BEING DISQUALIFIED)**

NAME OF BIDDER: \_\_\_\_\_

POSTAL ADDRESS: \_\_\_\_\_

Code: \_\_\_\_\_

STREET ADDRESS: \_\_\_\_\_

Code: \_\_\_\_\_

TELEPHONE: Code: \_\_\_\_\_ Number: \_\_\_\_\_

CELL PHONE : Code: \_\_\_\_\_ Number: \_\_\_\_\_

FACSIMILE NUMBER: Code: \_\_\_\_\_ Number: \_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_

VAT REGISTRATION NUMBER: \_\_\_\_\_

SIGNATURE OF BIDDER: \_\_\_\_\_

DATE: \_\_\_\_\_

CAPACITY UNDER WHICH THIS BID IS SIGNED:

---

**ANY ENQUIRIES REGARDING THE BIDDING PROCEDURE MAY BE DIRECTED TO:**

Department : KZN - DEPARTMENT OF HEALTH  
Contact Person : Junitha Sookraj  
Tel : (033) 815 8369  
E-mail address : junitha.sookraj@kznhealth.gov.za

**ANY ENQUIRIES REGARDING TECHNICAL INFORMATION MAY BE DIRECTED TO:**

Department : KZN - DEPARTMENT OF HEALTH  
Contact Person : Angela Hesketh  
Tel : (033) 940 2614  
E-mail address : angela.hesketh@kznhealth.gov.za

## **SECTION B**

### **SPECIAL INSTRUCTIONS AND NOTICES TO BIDDERS REGARDING THE COMPLETION OF FORMS**

**PLEASE NOTE THAT THIS BID IS SUBJECT TO TREASURY REGULATIONS 16A ISSUED IN TERMS OF THE PUBLIC FINANCE MANAGEMENT ACT, 1999, THE KWAZULU-NATAL SUPPLY CHAIN MANAGEMENT POLICY FRAMEWORK AND THE GENERAL CONDITIONS OF CONTRACT.**

1. Unless inconsistent with or expressly indicated otherwise by the context, the singular shall include the plural and vice versa and with words importing the masculine gender shall include the feminine and the neuter.
2. Under no circumstances, whatsoever may the bid forms be retyped or redrafted. Photocopies of the original bid documentation may be used, but an original signature must appear on such photocopies.
3. The bidder is advised to check the number of pages and to satisfy himself that none are missing or duplicated.
4. Bid submitted must be complete in all respects.
5. Bid shall be lodged at the address indicated not later than the closing time specified for their receipt, and in accordance with the directives in the bid documents.
6. Each bid shall be addressed in accordance with the directives in the bid documents and shall be lodged in a separate sealed envelope, with the name and address of the bidder, the bid number and closing date indicated on the envelope. The envelope shall not contain documents relating to any bid other than that shown on the envelope. If this provision is not complied with, such bids will be rejected as being invalid.
7. A specific box is provided for the receipt of bids, and no bid found in any other box or elsewhere subsequent to the closing date and time of bid will be considered.
8. No bid sent through the post will be considered if it is received after the closing date and time stipulated in the bid documentation, and proof of posting will not be accepted as proof of delivery.
9. No bid submitted by telefax, telegraphic or other electronic means will be considered.
10. Bid documents must not be included in packages containing samples. Such bids will be rejected as being invalid.
11. Any alteration made by the bidder must be initialled.
12. Use of correcting fluid is prohibited and will render the bid invalid.
13. If it is desired to make more than one offer against any individual item, such offers should be given on a photocopy of the page in question. Clear indication thereof must be stated on the schedules attached.

## **SECTION C**

### **REGISTRATION ON THE CENTRAL SUPPLIERS DATABASE**

1. In terms of the Public Finance Management Act (PFMA), 1999 (Act No 1 of 1999) Section 38 (1) (a) (iii) and 51 (1) (iii) and Section 76 (4) of PFMA National Treasury developed a single platform, The Central Supplier Database (CSD) for the registration of prospective suppliers including the verification functionality of key supplier information.
2. Prospective suppliers will be able to self-register on the CSD website: [www.csd.gov.za](http://www.csd.gov.za)
3. Once the supplier information has been verified with external data sources by National Treasury a unique supplier number and security code will be allocated and communicated to the supplier. Suppliers will be required to keep their data updated regularly and should confirm at least once a year that their data is still current and updated.
4. Suppliers to provide their CSD supplier number and unique security code to organs of state to view their verified CSD information.

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CSD NUMBER

**SECTION D  
DECLARATION THAT INFORMATION ON CENTRAL SUPPLIER DATABASE IS  
CORRECT AND UP TO DATE**

(To be completed by bidder)

This is to certify that I

.....  
(name of bidder / authorised representative)

Who represents

.....  
(state name of bidder)

Am aware of the contents of the Central Supplier's Database with respect to the bidder's details and registration information, and that the said information is correct and up to date as on the date of submitting this bid.

In addition, I am aware that incorrect or outdated information may be a cause for disqualification of this bid from the bidding process, and/or possible cancellation of the contract that may be awarded on the basis of this bid.

.....  
Name of bidder

.....  
Signature of bidder or authorised representative

.....  
Date

## SECTION E

### DECLARATION OF INTEREST – SBD 4

1. Any legal person, including persons employed by the state<sup>1</sup>, or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes an advertised competitive bid, a limited bid, a proposal or written price bid). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority where-
  - the bidder is employed by the state; and/or
  - the legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.
2. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.
3. Full Name of bidder or his or her representative:
4. Identity Number:
5. Position occupied in the Company (director, trustee, shareholder<sup>2</sup>, member):
6. Registration number of company, enterprise, close corporation, partnership agreement or trust:
7. Tax Reference Number:

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<sup>1</sup> "State" means –  
any National or Provincial Department, National or Provincial Public Entity or Constitutional Institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);  
a) any Municipality or Municipal Entity;  
b) Provincial Legislature;  
c) National Assembly or the National Council of Provinces; or  
d) Parliament.

<sup>2</sup> "Shareholder" means a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercises control over the enterprise.



**8.** VAT Registration Number:

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**9.** The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / PERSAL numbers must be indicated in paragraph 3 below.

**10.** Are you or any person connected with the bidder presently employed by the state?

YES / NO

**11.** If so, furnish the following particulars:

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Name of person / director / trustee / shareholder/ member:

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Name of state institution at which you or the person connected to the bidder is employed:

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Position occupied in the state institution:

Any other particulars:

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**12.** If you are presently employed by the state, did you obtain the appropriate authority to undertake remunerative work outside employment in the public sector?

YES / NO

**13.** If yes, did you attach proof of such authority to the bid document? (Note: Failure to submit proof of such authority, where applicable, will result in the disqualification of the bid)

YES / NO

**14.** If no, furnish reasons for non-submission of such proof:

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15. Did you or your spouse, or any of the company's directors / trustees / shareholders / members or their spouses conduct business with the state in the previous twelve months?

YES / NO

16. If so, furnish particulars:

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17. Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid?

YES / NO

18. If so, furnish particulars.

---

19. Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between any other bidder and any person employed by the state who may be involved with the evaluation and or adjudication of this bid?

YES / NO

20. If so, furnish particulars.

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21. Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies whether or not they are bidding for this contract?

YES / NO

22. If so, furnish particulars.

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Full details of directors / trustees / members / shareholders.

<b>Full Name</b>	<b>Identity Number</b>	<b>Personal Income Tax Reference Number</b>	<b>State Number / Employee Peral Number</b>

Full Name	Identity Number	Personal Income Tax Reference Number	State Number / Employee Pearsal Number

**DECLARATION**

I, the undersigned

.....  
(name)

Certify that the information furnished in paragraphs 2 and 3 above is correct.

I accept that the state may reject the bid or act against me should this declaration prove to be false.

.....  
Signature

.....  
Date

.....  
Position

.....  
Name of bidder

## SECTION F FORM OF OFFER AND ACCEPTANCE

### 1. Offer

The Employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

**An Entity to provide a multidisciplinary team of experienced and skilled professional consulting services with an Architect as Lead Consultant**

For the project: Hopewell Clinic: Construction of a New Small Clinic and Staff Residences

The bidder, identified in the offer signature block, has examined the documents listed in the Tender Data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the bidder, deemed to be duly authorized, signing this part of this form of offer and acceptance, the bidder offers to perform all of the obligations and liabilities of the Service Provider under the Contract including compliance with all its terms and conditions according to their true intent and meaning for remuneration to be determined in accordance with the conditions of Contract identified in the Contract Data.

### 2. Price

The offered price for Architectural and other Consultancy Services, inclusive of value added tax, is

R (in figures)

---

and,

---

Rand (in words)

---

This offer may be accepted by the Employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the bidder before the end of the period of validity stated in the Tender Data, whereupon the bidder becomes the party named as the Service Provider in the conditions of Contract identified in the Contract Data.

3. This offer is made by the following Legal Entity: **(please cross out the block that is not applicable)**

	or	
Company or Close Corporation		Natural person or Partnership
Registration number:		Identity number:
Income Tax Reference number:		Income Tax Reference number:

and who is (if applicable):

Trading under the name and style of:

.....

and who is:

.....

Represented herein, and who is duly authorised to do so, by:

.....

In his/her capacity as:

Note: A resolution / power of attorney, signed by all the directors / members / partners of the legal entity must accompany this offer, authorising the representative to make this offer.

4. **Signed for the bidder:**

.....  
Name of representative

.....  
Signature

.....  
Date

**5. Witnessed by:**

.....  
Name of representative

.....  
Signature

.....  
Date

**6. Domicilium Citandi Et Executandi**

The bidder elects as its domicilium citandi et executandi in the Republic of South Africa, where any and all legal notices may be served, as (physical address):

Street address::

.....  
.....  
.....

Code:

Postal address

.....  
.....  
.....

Code:

Telephone:

Code:

Number:

Cell phone :

Code:

Number:

Facsimile number:

Code:

Number:

E-mail address:

.....

.....  
Banker:

.....  
Branch:

**7. Acceptance**

By signing this part of this form of offer and acceptance, the Employer identified below accepts the bidder's offer. In consideration thereof, the Employer shall pay the Service Provider the amount due in accordance with the conditions of Contract identified in the Contract Data. Acceptance of the bidder's offer shall form an agreement between the Employer and the bidder upon the terms and conditions contained in this agreement and in the Contract that is the subject of this agreement.

**8. The terms of the Contract**

The terms of the Contract are contained in:

Part C1 Agreements and Contract Data, (which includes this agreement) Part C2 Pricing Data

and;

Documents or parts thereof, which may be incorporated by reference into Parts C1 to C2 above.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto as listed in the tender schedules as well as any changes to the terms of the offer agreed by the bidder and the Employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this agreement. No amendments to or deviations from set documents are valid unless contained in this schedule.

The bidder shall within two weeks after 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. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect, if sent by registered post, 4 days from the date on which it was posted, if delivered by hand, on the day of delivery, provided that it has been delivered during ordinary business hours, or if sent by fax, the first business day following the day on which it was faxed. Unless the bidder (now Service Provider) within seven working days of the date of such submission notifies the Employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the Parties.

**9. Signed for the Employer:**

.....  
Name of representative

.....  
Signature

.....  
Date

Street address:  
.....  
.....  
.....

Code: .....

Telephone:                      Code: \_\_\_\_\_ Number: \_\_\_\_\_

Facsimile number:              Code: \_\_\_\_\_ Number: \_\_\_\_\_

**10. Witnessed by:**

\_\_\_\_\_  
Name of representative

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date



**11. Schedule of Deviations**

1	Subject	.....
	Details	..... ..... ..... .....
2	Subject	.....
	Details	..... ..... ..... .....
3	Subject	.....
	Details	..... ..... ..... .....
4	Subject	.....
	Details	..... ..... ..... .....
5	Subject	.....
	Details	..... ..... ..... .....

By the duly authorised representatives signing this agreement, the Employer and the Tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the tender schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the Tenderer and the Employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

## **SECTION G**

### **SPECIFICATIONS, SCOPE, EVALUATION**

#### **AN ENTITY TO PROVIDE A MULTIDISCIPLINARY TEAM OF EXPERIENCED AND SKILLED PROFESSIONAL CONSULTING SERVICES WITH AN ARCHITECT AS LEAD CONSULTANT**

Project Description:

Hopewell Clinic: Construction of a New Small Clinic and Staff Residences

#### **1. Project Background and Specification**

The purpose of a health facility is to promote health and to prevent illness and further complications through health promotion, early detection, treatment and appropriate referral. The success of South Africa's National Health Insurance will depend on a well-functioning Primary Health Care (PHC) system. Community based services must be complimented by PHC facilities that will provide equitable access to South Africans, prioritising health services to those most in need. To achieve this, PHC should function optimally thus requiring a combination of elements to be present in order to render it IDEAL. To achieve this National Department of Health started the Ideal Clinic programme.

An Ideal Clinic is a clinic with good infrastructure, adequate staff, adequate medicine and supplies, good administrative processes and sufficient bulk supplies that use applicable clinical policies, protocols, guidelines to ensure the provision of quality health services to the community. An Ideal Clinic will cooperate with other government departments as well as with the private sector and non-governmental organisations to address the social determinants of health.

SOURCE: Ideal Clinic Manual Version 17

An application for this new clinic was received by the district more than 10 years ago to provide fixed primary health care services to ward 4, Richmond.

The area is serviced by a mobile service once a week. The current headcount for the mobile clinic is about 1 000 patients a month.

The nearest clinic to this community is Richmond Clinic that is located 29.6km away, while Edendale Hospital is 22.8km away. At times when the mobile clinic is not available, people travel to these facilities.

Hopewell Clinic will be rendering Preventative, Promotive, Curative, Rehabilitative and Palliative Health Care. Based on the current population a small clinic is required.

Residential Units for the Operational Manager, Clinical Nurse Practitioners and Professional Nurses will be included according to the KwaZulu-Natal Department of Health Employee Housing Policy (July 2004). One 2-bed unit and 2 3-bed units are proposed.

#### **2. Project Details**

The Site:

Hopewell is located in Umgungundlovu Health District, Richmond Municipality. It is within a rural location. The entire site is approximately 9,000 sqm.

Land Owner:	The property needs to be subdivided. This is being finalised by DoPW. The proposed details are as follows: Government - Provincial
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Street Address (or directions):	R624, Hopewell			
Postal Address:	None at present			
Telephone Number:	None at present			
Hospital Manager:	None at present			
Cadastral Description:	Latitude:	-29.794604	Longitude:	30.405232
Zoning:	TBC upon subdivision			
Planning restrictions:	TBC upon subdivision			
Existing Infrastructure	None			

Locality Map:



Photo 1: Site location on Aerial View



Photo 2: Site location

**SOURCE:** Google Maps

### 3. Project Outcomes:

- Integrated Clinical Services Management (ICSM) is a key focus within an Ideal Clinic. ICSM is a health system strengthening model that builds on the strengths of the HIV programme to deliver integrated care to patients with chronic and/or acute diseases or who comes for preventative services by taking a patient-centric view that encompasses the full value chain of continuum of care and support.  
SOURCE: Ideal Clinic Manual Version 17
- The new clinic will ensure appropriate healthcare access to the local community, in terms of the above.
- Job creation during construction and for operation of the clinic

### 4. Project Output:

The project output will be a new primary healthcare facility that provides permanent healthcare access to the local community.

### 5. Scope of Works of the Construction Project:

Please refer to the Project Brief attached as **Appendix D** for the proposed full scope of the project.

### 6. Statutory Requirements:

Legislation:	All applicable Acts and Regulations pertaining to the Health Environment; OHS Act and Regulations; and All applicable Acts and Regulations for the various Professional Consultancy Services
Norms:	Infrastructure Unit Support Systems (IUSS) guidelines
Standards:	Infrastructure Unit Support Systems (IUSS) guidelines; <b>Standard for Infrastructure Procurement and Delivery Management;</b> <b>Framework for Infrastructure Delivery and Procurement Management</b> and All applicable standards, regulations and/or specifications of KZN Department of Health
Policies:	All applicable policies of KZN Department of Health
Other Requirements:	Relevant SANS codes All applicable standards, regulations and/or specifications of KZN Department of Health

### 7. Required Multidisciplinary Team Composition

- Architect (Lead Consultant/Principal Agent)
- Quantity Surveyor
- Structural Engineer
- Civil Engineer
- Mechanical Engineer
- Electrical Engineer
- Construction Health and Safety Agent
- Land Surveyor
- Geotechnical Engineer

## **8. Scope of Services required from Team of Professional Service Providers (PSP):**

The standard services/deliverables required (for All Construction Stages) from the consultants are as set out in the following government gazettes:

### **8.1. Architect including Principal Consultant and Principal Agent Services**

South African council for the Architectural Profession, Board Notice 122 of 2015, Government Gazette No. 38863, 12 June 2015. PSP scope will also include research and proposals relating to 'green' design principals and initiatives on the project

### **8.2. Quantity Surveyor**

The South African Council for the Quantity Surveying Professions, Board Notice 170 of 2015, Government Gazette No 391134 of 28 August 2015

### **8.3. Engineers**

Engineering Council of South Africa, Board Notice 138 of 2015, Government Gazette No. 39480 of 04 December 2015. PSP scope will also include research and proposals relating to 'green' design principals and initiatives on the project.

### **8.4. Construction Health & Safety Agent**

All roles, responsibilities and deliverables as stated in the South African Council for the Project and Construction Management Professions, Board Notice 167 of 2019 Government Gazette No. 42697 of 13 September 2019 pertaining to the Construction Health and Safety Profession

### **8.5. Land Surveyor**

The Lead Consultant shall confirm the detailed scope of work that will be required from Land Surveyor. The Land Surveyor shall be procured by the Lead Consultant post award of this contract and shall be paid through the Lead Consultant as a disbursement. The Lead Consultant shall be required to source 3 quotations from Professional Land Surveyors in the area with the lowest quotation being accepted. No additional fees shall be due to the Lead Consultant in respect of this service.

### **8.6. Geotechnical Engineer**

The Lead Consultant shall confirm the detailed scope of work that will be required from Geotechnical Engineer. The Geotechnical Engineer shall be procured by the Lead Consultant post award of this contract and shall be paid through the Lead Consultant as a disbursement. The Lead Consultant shall be required to source 3 quotations from Professional Geotechnical Engineers in the area with the lowest quotation being accepted. No additional fees shall be due to the Lead Consultant in respect of this service.

In addition to the above, the scope of services for all consultants will include the corresponding deliverables as stated in the Standard for Infrastructure Procurement and Delivery Management and the Framework for Infrastructure Delivery and Procurement Management (FIDPM).

**9. Additional items on Services required from Team of Professional Service Providers (PSP):**

- 9.1. Extensive consultation is to take place over all construction stages which will include (but is not exclusive) consultation with:
- The Mother Facility: Edendale Hospital
  - DOH District: uMgungundlovu District
  - DOH Head Office: Infrastructure Development, District Health Services
  - National DOH
  - Local authority
  - Other Authorities
  - Statutory bodies
  - Other Departments
- 9.2. All consultants will be required to present end of stage deliverables for review and recommendations to the Health Infrastructure Approval Committee according to FIDPM and KZN DOH policies.
- 9.3. All additional required presentations to be done as may be required
- 9.4. All approvals to be acquired as may be required

**10. Planning and Programming**

The Employer is desirous that the project follow the timelines shown below. However, should the bidder feel that these timelines are not achievable then the Bidder must submit a motivation as to why it considers them not achievable and must propose alternative timelines for the Employer's consideration and approval.

PSP Deliverables according to FIDPM stages of work	Duration to produce deliverables from each stage
Stage 1: Inception Stage 2: Concept & Viability Report Stage 3: Design Development Report Stage 4: Documentation	8 months
Stage 5: Works	18 months
Stage 6: Handover	1 month
Stage 7: Project Close Out	15 months

The Lead Consultant is required to submit for approval a formal programme listing activities, level of detail, critical path activities and their dependencies, frequency of updating key dates, particulars of phased completion, programme constraints, milestone dates for completion, etc. including the activities to be carried out by the Employer or by others.

**11. Software Application for documents**

- Programming software shall be the latest version of MS Projects
- Drawing programme software will be the latest version/s of Autodesk AutoCAD and/or

- Revit
- Quantity surveying software will be the latest version of WinQS
- General software will be MS Office based software and Adobe Acrobat

**12. Use of Reasonable Skill and Care**

The Lead consultant and individual team members are to consist of one or more Registered Professionals as per the relevant Councils. They are required to perform the required service with reasonable skill, care and diligence.

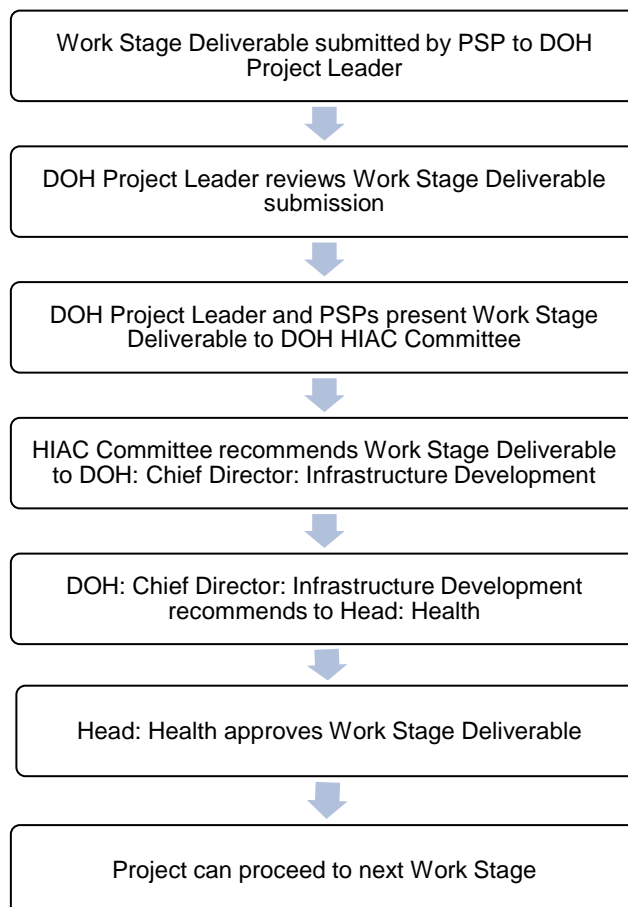
**13. Co-operation with Other Service Providers and Affected Parties**

The Lead Consultant is required to identify other service providers and affected parties on the project and establish how interactions are to take place.

**14. Copyright**

Copyright of all documents provided by the Consultant team will vest with the KwaZulu-Natal Department of Health.

**15. General Approval Process per Work Stage**



**16. Access to Land / Buildings / Sites**

Arrangements for access to land / buildings / sites and any restrictions thereto shall be the responsibility of the Employer. However, the Lead Consultant shall be aware of such arrangements



and advise the Employer's Project Manager timeously to prevent any delays that may arise due to restricted access.

#### **17. Quality Management**

The Bidder shall submit their proposed quality assurance plan and control procedures to fulfil their duties as stipulated in the relevant clauses of the appropriate discipline's Guideline Scope of Services.

#### **18. Format of Communications**

These will be made available to the Lead Consultant on award of tender.

#### **19. Key Personnel**

Changes to key personnel shall only be effected once authorisation has been obtained from the Employer.

#### **20. Management Meetings**

Project Management meetings to monitor project progress will take place every 14 calendar days

#### **21. Forms for Contract Administration**

Standard forms of contract administration purposes will be made available to the successful bidder upon award.

#### **22. Daily Records**

Daily time sheets of all personnel on the project shall be kept by the Lead Consultant and will be made available as required to the Employer. Time sheets are to clearly state work performed.

#### **23. Fee Claims**

Receipt and subsequent approval (by Head of Health or designated relevant authority) of all deliverables as stipulated under the relevant Construction Work Stage (Work Stages 1, 2, 3, 4 and 6) of the relevant gazettes as stated in point 8 above and corresponding FIDPM Stages (1 to 7), is a prerequisite for payment of said stage. Only Construction Work Stage 5 will receive interim payments on a quarterly basis based on the proportion of the value of construction work completed at the time of invoice.

Payment of disbursements is based on a proven cost basis only in accordance with the National Department of Public Works, Rates for Reimbursable Expenses. Further clauses relating to the claiming and payment of fees and disbursements are stated in under point 28 and C2. PRICING DATA.

Should deliverables as referenced under the Scope of Services (Section G, point 8) not be required, fees will be revised to align with the reduced scope of work.

Payment of fees shall be apportioned to Construction Work Stages (Stages 1-6) in accordance with the tables below:

Architecture (Principal Consultant and Principal Agent)

Stage 1	5%
Stage 2	15%
Stage 3	20%
Stage 4	30%
Stage 5	27%
Stage 6	3%

Quantity Surveying

Stage 1	2.5%
Stage 2	5%
Stage 3	7.5%
Stage 4	35%
Stage 5	45%
Stage 6	5%

Electrical Engineering

Stage 1	5%
Stage 2	15%
Stage 3	20%
Stage 4	20%
Stage 5	35%
Stage 6	5%

Mechanical Engineering (including Fire and Wet Services Engineer)

Stage 1	5%
Stage 2	15%
Stage 3	20%
Stage 4	20%
Stage 5	35%
Stage 6	5%

#### Civil Engineering

Stage 1	5%
Stage 2	25%
Stage 3	25%
Stage 4	15%
Stage 5	25%
Stage 6	5%

#### Structural Engineering

Stage 1	5%
Stage 2	20%
Stage 3	30%
Stage 4	15%
Stage 5	25%
Stage 6	5%

#### Construction Health and Safety

Stage 1	5%
Stage 2	25%
Stage 3	25%
Stage 4	15%
Stage 5	25%
Stage 6	5%

## 24. Use of Documents by the Employer

Critical information, which will track the progress of the project, will be recorded and updated by the Lead Consultant on a monthly basis. These will be presented to the Employer as required by the Lead Consultant and other relevant professionals and may include but not be limited to the following documents:

- Progress reports
- Financial control methodology - cost reports and cash flows
- Risk registers including full risk assessments and mitigating action
- Issue registers including full analysis and action plans
- Project programmes

## **25. Mentorship of Employers Trainees / Interns**

From time to time, the Employer may second trainees / interns to the Consultant/s. The Consultant/s shall provide structured mentorship and exposure to seconded trainees / interns. A training / activity schedule shall be prepared for each trainee / intern for the duration of his or her stay on the project. The schedule shall have clear targets and objectives, which will be measured at the end of the training period. The Consultant/s shall allocate a mentor for each trainee / intern who will be responsible for the learning outcomes for the period of secondment.

The mentorship and training falls beyond the Consultant/s obligations in terms of criteria under Section G – Specifications.

A separate training and mentorship agreement will be concluded with the Consultant/s at the time of placing trainees / interns.

## **26. Project**

The estimated project works value is R 45,000,000.00 (Forty-Five Million Rand, Exclusive of 15% VAT) and is a new build. Please refer to the Project Brief attached as Appendix D for project details and the proposed full scope of the project.

## **27. Cost and pricing of the project**

Professional Fees for the team shall be tendered as a PERCENTAGE based on the value of the construction works taking into account all requirements as per the stated Scope of Services (Section G, Item 8). The percentage shall then be apportioned by percentage amongst the various professional disciplines. The percentage shall remain fixed for the entire project however the apportionment amongst the various disciplines may change should it be required. Changes to the apportionment are to be agreed by the Professional Team and the Employer is to be duly informed in writing by an official letter from the Project Manager, prior to any further payments. Disputes relating to the apportionment of total fees are to be resolved by the Professional Team.

The tendered percentage is to include for any and all surcharges applicable to the project for all professionals and THE TENDERED PERCENTAGE SHALL REMAIN UNCHANGED FOR THE DURATION OF THE PROJECT. The value of works for fee purposes in this tender document has been estimated. No additional surcharges shall be applicable for any material adjustment in the value of the project, both upwards and downwards, and the tendered percentage shall be applicable to the revised value.

Should deliverables as referenced under the Scope of Services (Section G, point 8) not be required, fees will be revised to align with the reduced scope of work.

All other adjustment of fees for each professional discipline will be regulated by the relevant Government Gazette (as stated in Section G, point 8 above).

## **28. Project Details**

28.1. You are requested to quote for the delivery of Lead Consultant Services, Principal Agent Services and the appointment of a Multi-disciplinary team, and their total costs, which should as a minimum consist of:

- Architect (Lead Consultant/Principal Agent)
- Quantity Surveyor

- Structural Engineer
- Civil Engineer
- Mechanical Engineer
- Electrical Engineer
- Construction Health and Safety Agent
- Land Surveyor (Appointed Post Award)
- Geotechnical Engineer (Appointed Post Award)

The relevant Guidelines are as per the following:

Architect	South African Council for the Architectural Profession, Board Notice 122 of 2015, Government Gazette No. 38863, 12 June 2015
Quantity Surveyor	The South African Council for the Quantity Surveying Professions, Board Notice 170 of 2015, Government Gazette No. 39134 of 28 August 2015
Structural, Civil, Mechanical & Electrical Engineers	Engineering Council of South Africa, Board Notice 138 of 2015, Government Gazette No. 39480, 04 December 2015
Construction Health and Safety	South African Council for the Project and Construction Management Professions, Board Notice 167 of 2019 Government Gazette No. 42697 of 13 September 2019

- 28.2. Consultants will be expected to attend all necessary meetings with various stakeholders as reasonably required.
- 28.3. Consultants will be expected to attend a minimum of two (2) site meetings per month during the construction stage.
- 28.4. Disbursements as published in the monthly National Department of Public Works “Rates for Reimbursable Expenses” shall be used as guideline. Discount can also be offered in this regards, but a maximum rate applicable shall be for vehicles up to 2150 cc.
- 28.5. Please note that total final fees payable will be calculated on final value of contract for “fee purposes” only or final contract cost estimates for “fee purposes” only - whichever may be applicable at the time.
- 28.6. You are requested to submit your bid using the FEE BASED QUOTE PROFORMAS (Appendix A, Table 1 & 2), stamped utilizing your official company stamp and duly signed by the Registered Lead Professional who will be dedicated to this project and is based at the office address where the project is intended to be awarded.

## 29. Conditions of Appointment

- 29.1. The Entity must have within their employment or display their ability to have access to the professional consultants as listed in paragraph 29.1 above. Principal consultant and Architectural Services cannot be outsourced and must be provided in-house by the bidding entity. Bidders are to provide a letter outlining the services to be provided in-house by the bidding entity, as well as letters of agreement securing Professional Services for those professional disciplines to be provided by others. Outsourced services agreement letters are to be signed by the bidder and the Principal of the outsourced firm and be on the bidder’s

official company letterhead. Furthermore, Form A must be completed confirming the firm and Registered Professional assigned to the project for each service.

- 29.2. Registered Professionals listed as the Lead Professional for each Professional discipline on the project (as per Form A) must play an active and visible role on the project. Lead Professionals must attend a minimum of 70% of all meetings. Failure to comply with this condition will constitute a breach of this contract.
- 29.3. Consultants must submit all returnable documents as listed on Appendix B herein. Failure to submit all the requested documents will result in the bid not being considered.
- 29.4. The Department of Health reserves the right to place the project on hold or cancel the project at ANY POINT.

### **30. Evaluation Criteria**

The evaluation of bids will be conducted in three (3) phases:

#### PHASE 1: Responsiveness

- Correctness of bid document
- Compliance with SCM regulations (registration with Central Suppliers Database (CSD), Tax compliance, other prescripts requirements and submission of all documentation and information as per Annexure B)

#### PHASE 2: Eligibility and Quality/Functionality Evaluation

##### Eligibility Criteria

In order to be eligible to be awarded this bid, the following criteria MUST be satisfied:

- The professional multi-disciplinary team must consist of:
  - Professional Registered Architect (Lead Consultant/Principal Agent)
  - Professional Registered Quantity Surveyor
  - Professional Registered Structural Engineer
  - Professional Registered Civil Engineer
  - Professional Registered Mechanical Engineer
  - Professional Registered Electrical Engineer
  - Professional Registered Construction Health and Safety Agent

All Professionals are to be registered with the applicable South African regulating body/council for their Professional discipline. All Professional Leads must be Registered Professionals and NOT Registered Professional Technologists. All Registered Professionals must be in good-standing with their respective council and their membership must be valid. ALL PROFESSIONAL LEADS, EXCLUDING THE PROFESSIONAL CONSTRUCTION HEALTH AND SAFETY AGENT, MUST HAVE A MINIMUM OF 6 YEARS POST PROFESSIONAL REGISTRATION EXPERIENCE. THE PROFESSIONAL CONSTRUCTION HEALTH AND SAFETY AGENT IS REQUIRED TO HAVE A MINIMUM OF 3 YEARS POST REGISTRATION EXPERIENCE

Proof of Registration for each discipline shall be attached under the appropriate cover page provided under Appendix H. Failure to attach the valid Proof of Registrations in the provided designated sections will render the bid non-responsive and result in the bid being excluded from further

consideration.

- Proof of all the relevant valid Professional Indemnity Insurance must be provided as per the minimum values listed below:
  - Civil, Structural Engineering: R 5,0 million
  - Electrical, Mechanical Engineering: R 5,0 million
  - Architectural: R 5,0 million
  - Quantity Surveyor: R 5,0 million
  - Health and Safety: R 1,0 million
  - Other: R 1,0 million

Proof of valid Professional Indemnity Insurance for each discipline shall be attached under the appropriate cover page provided under Appendix H. Failure to attach the valid Proof of Professional Indemnity Insurance in the provided designated sections will render the bid non-responsive and result in the bid being excluded from further consideration.

Professional Indemnity Insurance for all Professionals is to remain valid and in force for the full duration of the project and for the minimum amounts stated above. Failure to provide proof of valid and compliant Professional Indemnity Insurance Policies for all consultants, at any stage during the project when requested, will result in termination of services and damages claimable.

Failure to meet ANY of the listed Eligibility requirements as stated above and as per the Eligibility Criteria table below, will result in the bid being removed from further evaluation and the bid shall not be eligible for award.

All eligibility criteria returnables should be tabbed, labelled and included in the designated areas as per the instructions below.

Eligibility criteria	Documentation to be provided	FOR EVALUATION COMMITTEE USE ONLY	
		Eligibility Criteria Met (Yes/No)	Comments
<p>1. The professional multi-disciplinary team must consist of:</p> <ul style="list-style-type: none"> <li>• Registered Professional Architect (Lead Consultant/Principal Agent)</li> <li>• Registered Professional Quantity Surveyor</li> <li>• Registered Professional Structural Engineer</li> <li>• Registered Professional Civil Engineer</li> <li>• Registered Professional Mechanical Engineer including Specialist Fire Engineer and Wet Services Engineer</li> <li>• Registered Professional Electrical Engineer</li> </ul> <p>with a minimum of 6 years post professional registration experience.</p> <ul style="list-style-type: none"> <li>• Registered Professional Construction Health and Safety Agent</li> </ul> <p>with a minimum of 3 years post professional registration experience</p>	<p><b>TAB LABEL: G-1</b></p> <p>Valid Proof of Registration (registered with the applicable South African regulating body/council for their Professional discipline) for each Professional Lead Member per discipline shall be attached under the appropriate cover page provided under Appendix H. Should the Fire Engineer and Wet Services Engineer differ from the Lead Mechanical Engineer, proof of ECSA Professional Registration for these individuals must be provided under the Mechanical Engineer cover page.</p> <p>Completed Form A (Appendix E)</p>		
<p>2. Proof of all the relevant valid Professional Indemnity Insurance must be provided as per the list below:</p> <ul style="list-style-type: none"> <li>• Civil, Structural Engineering: R 5,0 million</li> <li>• Electrical, Mechanical Engineering: R 5,0 million</li> <li>• Architectural: R 5,0 million</li> <li>• Quantity Surveyor: R 5,0 million</li> <li>• Health and Safety: R 1,0 million</li> <li>• Other: R 1,0 million</li> </ul>	<p><b>TAB LABEL: G-2</b></p> <p>Proof of valid Professional Indemnity Insurance for each discipline complying with the minimum amounts stated shall be attached under the appropriate cover page provided under Appendix H</p>		



Quality/Functionality Criteria

Each bid is required to meet the minimum qualifying evaluation score of 60 points as per criteria below. All functionality/quality returnables should be tabbed, labelled and included in the designated areas as per the instructions below.

Evaluation criteria	Documentation to be provided	Points allocated
<p>1. Bidder to demonstrate Technical Competency and relevant Experience relating to Building Infrastructure construction projects with a value of over R10 million in the past 10 years per discipline (9 disciplines i.e. Architectural, Quantity Surveying, Electrical Engineering, Mechanical Engineering including Fire Engineer and Wet Services Engineer, Civil Engineering, Structural Engineering, Construction Health and Safety)</p>	<p><b>TAB LABEL: H-1</b></p> <p>1.1 Bidder to complete Curriculum Vitae (CV) for the allocated Lead Professional per discipline. The following conditions must be met to receive points in this category:</p> <p>1.1.1 CVs must be filled and submitted on the provided template and inserted under the provided cover pages as Appendix I. Please refer to Appendix F for the CV template. Documents requested in 1.1.4. &amp; 1.1.5. to be inserted under the provided cover pages as Appendix I</p> <p>1.1.2 CVs to be provided for the Lead Professional per discipline ONLY including for the Fire Engineer and Wet Services Engineer for a total of 9 CVs</p> <p>1.1.3. CVs provided must align with the information submitted in Form A (Appendix E)</p> <p>1.1.4. Completion certificates per project must be provided to obtain points for past project experience (Maximum 3 projects and relevant to the Professional per discipline and must align with project experience stated on CV)</p> <p>1.1.5. Contractor award letters <b>OR</b> signed final account summaries <b>OR</b> signed reference letters from the client; clearly stating the project value must be provided to prove value of projects (Maximum 3 projects and relevant to the Professional per discipline and must align with project experience stated on CV)</p> <p>Only the first 3 stated past projects per professional CV will be evaluated as per the CV template Failure to meet the requirements of points 1.1.1 to 1.1.3 above will result in 0 points being awarded.</p> <p><u>Allocation of points will be as follows:</u></p> <ul style="list-style-type: none"> <li>- 1 points will be awarded per completed compliant CV per discipline</li> </ul> <p><b>AND</b></p> <ul style="list-style-type: none"> <li>- 2 points will be awarded per past building construction project that is equal to and greater than R15 million in value and has been completed in the past 10 years</li> <li>- 1 points will be awarded per past building construction project that is equal to and greater than R10 million in value and has been completed in the past 10 years</li> <li>- 0 points will be awarded for incomplete or no CV submitted on the required template and projects that do not meet the above experience submission criteria</li> </ul>	<p style="text-align: center;">63 (9 x 1 points for CVs) + (9 x 2 x 3 points for project exp.)</p>

Evaluation criteria	Documentation to be provided	Points allocated
2. Organogram of Resources Proposed for the Project per Professional Discipline	<p><b>TAB LABEL: H-2</b></p> <p>2. One team organogram displaying the Architect (Principal Consultant) and the Lead Professionals per discipline that fall under the Principal Consultant as part of the Multidisciplinary team. In addition an organogram per discipline that sets out the roles of each proposed team member and states the name and Professional Registration Number of the Lead Professional for the Project (Information provided for the Lead Professional member must align with Form A) must be provided. The following conditions must be met to receive points in this category:</p> <p>2.1. One team organogram to be provided</p> <p>2.2. Nine individual organograms must be provided, 1 for each Professional Discipline i.e. Architectural, Quantity Surveying, Electrical Engineering, Mechanical Engineering, Fire Engineering, Wet Services Engineering, Civil Engineering, Structural Engineering, Construction Health and Safety</p> <p>2.3. Organograms must be inserted under the provided cover page as Appendix I</p> <p><u>Allocation of points will be as follows:</u></p> <ul style="list-style-type: none"> <li>- 10 points will be awarded for the submission of a team organogram detailing the Architect (Principal Consultant) and all other Lead Professionals per discipline</li> <li>- 0 points will be awarded for no submission and irrelevant submissions</li> </ul> <p><b><u>AND</u></b></p> <ul style="list-style-type: none"> <li>- 3 points will be awarded per organogram per discipline for fully completed organograms that comply fully with the above instructions</li> <li>- 1 points will be awarded per organogram per discipline for organograms that partially comply with the above instructions</li> <li>- 0 points will be awarded for no submission and irrelevant submissions</li> </ul>	<p style="text-align: center;">37 (10 points for team organogram + (9 x 3 points each for individual organograms))</p>

**PHASE 3: Price and Preference**

- Tendered Price and preference points
- Evaluation using the Point System

The following special conditions are applicable to the evaluation of this tender:

- The Department reserves the right not to award to the lowest bidder.
- The Department will conduct a detailed risk assessment prior to the award.

## PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (BBBEE) Status Level of Contribution

NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.

### 1. General conditions

1.1. The following preference point system are applicable to this bids:

The 80/20 preference point system will be applicable to this tender

1.2. Points for this bid shall be awarded for:

- Price; and
- B-BBEE Status Level of Contributor.

1.3. The maximum points for this bid are allocated as follows:

	POINTS
PRICE	80
B-BBEE STATUS LEVEL OF CONTRIBUTOR	20
Total points for Price and B-BBEE must not exceed	100

1.4. Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.5. The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

### 2. Definitions

“B-BBEE” means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;

“B-BBEE status level of contributor” means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;

“bid” means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price bids, advertised competitive bidding

processes or proposals;

“Broad-Based Black Economic Empowerment Act” means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);

“EME” means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;

“functionality” means the ability of a bidder to provide goods or services in accordance with specifications as set out in the tender documents.

“prices” includes all applicable taxes less all unconditional discounts;

“proof of B-BBEE status level of contributor” means:

- B-BBEE Status level certificate issued by an authorized body or person;
- A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
- Any other requirement prescribed in terms of the B-BBEE Act;

“QSE” means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;

“rand value” means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

### 3. Points awarded for price

The 80/20 Preference Point System

A maximum of 80 points is allocated for price on the following basis:  
80/20

$$P_s = 80 \left( 1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$$

Where

$P_s$  = Points scored for price of bid under consideration  
 $P_t$  = Price of bid under consideration  
 $P_{\min}$  = Price of lowest acceptable bid

Points Awarded for BBBEE Status Level Of Contributor

In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the BBBEE status level of contribution in accordance with the table below:

BBBEE Status Level of Contributor	Number of points (80/20 system)
1	20
2	18
3	14
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

Bid Declaration

Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

BBBEE Status Level Of Contributor Claimed:

BBEE Status Level of Contributor: \_\_\_\_\_ = \_\_\_\_\_ (maximum of 20 points)

(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

**4. Sub-Contracting**

Will any portion of the contract be sub-contracted?

(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

4.1.1. If yes, indicate:

- i. What percentage of the contract will be subcontracted \_\_\_\_\_ %
- ii. The name of the sub-contractor \_\_\_\_\_
- iii. The B-BBEE status level of the sub-contractor \_\_\_\_\_

iv. Whether the sub-contractor is an EME or QSE

(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

v. Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations 2017:

Designated Group: An EME or QSE which is at least 51% owned by:	EME √	QSE √
Black people	<input type="checkbox"/>	<input type="checkbox"/>
Black people who are youth	<input type="checkbox"/>	<input type="checkbox"/>
Black people who are women	<input type="checkbox"/>	<input type="checkbox"/>
Black people with disabilities	<input type="checkbox"/>	<input type="checkbox"/>
Black people living in rural or underdeveloped areas or townships	<input type="checkbox"/>	<input type="checkbox"/>
Cooperative owned by black people	<input type="checkbox"/>	<input type="checkbox"/>
Black people who are military veterans	<input type="checkbox"/>	<input type="checkbox"/>
OR		
Any EME	<input type="checkbox"/>	<input type="checkbox"/>
Any QSE	<input type="checkbox"/>	<input type="checkbox"/>

**5. Declaration with regard to Company/Firm**

5.1. Name of company/firm:

---

5.2. VAT registration number:

---

5.3. Company registration number:

---

5.4. Type of Company/ Firm

(Tick applicable box)

<input type="checkbox"/>	One-person business/sole propriety
--------------------------	------------------------------------

<input type="checkbox"/>	Company
<input type="checkbox"/>	Partnership/Joint Venture / Consortium
<input type="checkbox"/>	Close corporation
<input type="checkbox"/>	(Pty) Limited

5.5. Describe principal business activities

---



---



---



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5.6. Company classification

(Tick applicable box)

<input type="checkbox"/>	Manufacturer
<input type="checkbox"/>	Supplier
<input type="checkbox"/>	Professional service provider
<input type="checkbox"/>	Other service providers, e.g. transporter, etc.

5.7. Total number of years the company/firm has been in business:

---

I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBEE status level of contributor indicated in paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I/we acknowledge that:

- i. The information furnished is true and correct;
- ii. The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii. In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv. If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –

- disqualify the person from the bidding process;
- recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
- cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
- recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the audi alteram partem (hear the other side) rule has been applied; and
- forward the matter for criminal prosecution.

Signature/s of Bidder/s
Date
Address:

Signature/s of Witnesses
Witness 1:
Witness 2:



**SECTION H**  
**OFFICIAL BRIEFING SESSION / SITE INSPECTION CERTIFICATE**

Bid No:	ZNB 10027/2021-H
Service:	APPOINTMENT OF A MULTIDISCIPLINARY PROFESSIONAL TEAM FOR HOPEWELL CLINIC: CONSTRUCTION OF A NEW SMALL CLINIC AND STAFF RESIDENCES
Date:	22 February 2022
Time:	09:00
Venue:	Inkosi Albert Luthuli Central Hospital Nurses Residence Hall

This is to certify that

.....  
 (name)

On behalf of

.....  
 Visited and inspected the site on

.....  
 (date)

And is therefore familiar with the circumstances and the scope of the service to be rendered.

Signature/s of Bidder/s
.....
(Print Name)
.....
Date:
.....

Departmental Representative
.....
(Print Name)
.....
Departmental Stamp (Optional)
.....
Date:
.....

## **SECTION I**

### **TAX COMPLIANCE STATUS (TCS)**

1. The State / Province may not award a contract resulting from the invitation of bids to a bidder who is not properly registered and up to date with tax payments or, has not made satisfactory arrangements with SA Revenue Services concerning due tax payments.
2. The South African Revenue Services (SARS) has phased out the issuing of paper Tax Clearance Certificates. From 18 April 2016, SARS introduced an enhanced Tax Compliance system. The new system allows taxpayers to obtain a Tax Compliance Status (TCS) PIN, which can be utilized by authorized third parties to verify taxpayers' compliance status on line via SARS e-filing.
3. Bidders are required to apply via e-filing at any SARS branch office nationally. The Tax Compliance Status (TCS) requirements are also available to foreign bidders / individuals who wish to submit bids.
4. SARS will then furnish the bidder with a Tax Compliance Status (TCS) PIN that will be valid for a period of 1 (one) year from the date of approval.
5. In bids where Consortia / Joint Venture / Sub-contractors are involved, each party must submit a separate Tax Compliance Status (TCS) PIN.
6. Application for Tax Compliance Status (TCS) PIN can be done via e-filing at any SARS branch office nationally or on the website [www.sars.gov.za](http://www.sars.gov.za).
7. Tax Clearance Certificates may be printed via e-filing. In order to use this provision, taxpayers will need to register with SARS as an e-Filer through the website [www.sars.gov.za](http://www.sars.gov.za).
8. Tax Compliance Status is not required for services below R 30 000.00 ITO Practice Note Number: SCM 13 of 2007.
9. Kindly either provide an original tax clearance certificate, your tax number or pin number.

TAX NUMBER:

PIN NUMBER:

**SECTION J**  
**AUTHORITY TO SIGN A BID**

**A Companies**

If a Bidder is a company, a certified copy of the resolution by the board of directors, personally signed by the chairperson of the board, authorising the person who signs this bid to do so, as well as to sign any contract resulting from this bid and any other documents and correspondence in connection with this bid and/or contract on behalf of the company must be submitted with this bid, that is before the closing time and date of the bid

**Authority by Board of Directors**

By resolution passed by the Board of Directors on

.....  
(date)

.....  
(name and whose signature appears below)

has been duly authorised to sign all documents in connection with this bid on behalf of

.....  
(Name of Company)

In his/her capacity as:

.....  
Signed on behalf of Company:

.....  
(print name)

.....  
Signature of signatory:

.....  
Date:

Witnesses:

1. ....

2. ....

**B Sole proprietor (one - person business)**

I, the undersigned

---

(name)

Hereby confirm that I am the sole owner of the business trading as

---

(name)

---

Signature of signatory:

---

Date

**C Partnership**

The following particulars in respect of every partner must be furnished and signed by every partner:

<b>Full name of partner</b>	<b>Residential address</b>	<b>Signature</b>

We, the undersigned partners in the business trading as

.....  
(name)

hereby authorized

.....  
(name)

to sign this bid as well as any contract resulting from the bid and any other documents and correspondence in connection with this bid and /or contract on behalf of:

.....  
(print name)

.....  
Signature of signatory:

.....  
Date:

.....  
(print name)

.....  
Signature of signatory:

.....  
Date:

.....  
(print name)

.....  
Signature of signatory:

.....  
Date:

**D Close Corporation**

In the case of a Close Corporation submitting a bid, a certified copy of the Founding Statement of such corporation shall be included with the bid, together with the resolution by its members authorising a member or other official of the corporation to sign the documents on their behalf.

Authority to sign on behalf of the Close Corporation

By resolution of members at a meeting on

(date)

(name and whose signature appears below)

has been duly authorised to sign all documents in connection with this bid on behalf of

(Name of Closed Corporation)

In his/her capacity as:

Signed on behalf of Closed Corporation:

(print name)

Signature of signatory:

Date:

Witnesses:

1.

2.

**E Co-Operative**

A certified copy of the Constitution of the Co-operative must be included with the bid, together with the resolution by its members authoring a member or other official of the co-operative to sign the bid documents on their behalf.

Authority to sign on behalf of the Co-Operative

By resolution of members at a meeting on

(date)

(name and whose signature appears below)

has been duly authorised to sign all documents in connection with this bid on behalf of

(Name of Co-Operative)

In his/her capacity as:

Signed on behalf of Co-Operative:

(print name)

Signature of signatory:

Date:

Witnesses:

1.

2.

**F Joint Venture**

If a bidder is a joint venture, a certified copy of the resolution/agreement passed/reached signed by the duly authorised representatives of the enterprises, authorising the representatives who sign this bid to do so, as well as to sign any contract resulting from this bid and any other documents and correspondence in connection with this bid and/or contract on behalf of the joint venture must be submitted with this bid, before the closing time and date of the bid.

Authority to sign on behalf of the Joint Venture

By resolution/agreement passed/reached by the Joint Venture partners on

.....  
(date)

.....  
(name and whose signature appears below)

.....  
(name and whose signature appears below)

.....  
(name and whose signature appears below)

.....  
(name and whose signature appears below)

has been duly authorised to sign all documents in connection with this bid on behalf of

.....  
(Name of Joint Venture)

In his/her capacity as:

.....  
Signed on behalf of Joint Venture:

.....  
(print name)

.....  
Signature of signatory:

.....  
Date:



---

(print name)

---

Signature of signatory:

---

Date:

---

(print name)

---

Signature of signatory:

---

Date:

---

(print name)

---

Signature of signatory:

---

Date:

**G Consortium**

If a bidder is a Consortium, a certified copy of the resolution/agreement passed/reached signed by the duly authorised representatives of concerned enterprises, authorising the representatives who sign this bid to do so, as well as to sign any contract resulting from this bid and any other documents and correspondence in connection with this bid and/or contract on behalf of the consortium must be submitted with this bid, before the closing time and date of the bid.

Authority to sign on behalf of the Consortium

By resolution of the members on

.....  
(date)

.....  
(name and whose signature appears below)

has been duly authorised to sign all documents in connection with this bid on behalf of

.....  
(Name of Consortium)

In his/her capacity as:

.....  
Signed on behalf of Consortium:

.....  
(print name)

.....  
Signature of signatory:

.....  
Date:

.....  
(print name)

.....  
Signature of signatory:

.....  
Date:

---

(print name)

---

Signature of signatory:

---

Date:

## SECTION K

### DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES – SBD 8

(To be completed by Bidder.)

1. This Standard Bidding Document must form part of all bids invited.
2. It serves as a declaration to be used by institutions in ensuring that when goods and services are being procured, all reasonable steps are taken to combat the abuse of the supply chain management system.
3. The bid of any bidder may be disregarded if that bidder, or any of its directors have-
  - a) abused the institution's supply chain management system;
  - b) committed fraud or any other improper conduct in relation to such system; or
  - c) failed to perform on any previous contract.
4. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

Item	Question	Yes	No
Tick applicable			
4.1	Is the bidder or any of its directors listed on the National Treasury's Database of Restricted Suppliers as companies or persons prohibited from doing business with the public sector? (Companies or persons who are listed on this Database were informed in writing of this restriction by the Accounting Officer/Authority of the institution that imposed the restriction after the audi alteram partem rule was applied).  The Database of Restricted Suppliers now resides on the National Treasury's website ( <a href="http://www.treasury.gov.za">www.treasury.gov.za</a> ) and can be accessed by clicking on its link at the bottom of the home page.		
4.1.1	If so, furnish particulars:		
4.2	Is the bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?  The Register for Tender Defaulters can be accessed on the National Treasury's website ( <a href="http://www.treasury.gov.za">www.treasury.gov.za</a> ) by clicking on its link at the bottom of the home page.		
4.2.1	If so, furnish particulars:		

Item	Question	Yes	No
Tick applicable			
4.3	Was the bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?		
4.3.1	If so, furnish particulars:		
4.4	Was any contract between the bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?		
4.4.1	If so, furnish particulars:		

**Certification**

I, the undersigned

.....  
(full name)

Certify that the information furnished on this declaration form is true and correct.

I accept that, in addition to cancellation of a contract, action may be taken against me should this declaration prove to be false.

.....  
Signature

.....  
Date

.....  
Position

.....  
Name of bidder

## SECTION L

### CERTIFICATE OF INDEPENDENT BID DETERMINATION – SBD 9

1. This Standard Bidding Document (SBD) must form part of all bids<sup>3</sup> invited.
2. Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).<sup>4</sup> Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
3. Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
  - a) disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
  - b) cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
4. This SBD serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
5. In order to give effect to the above, the attached Certificate of Bid Determination (SBD 9) must be completed and submitted with the bid:

I, the undersigned, in submitting the accompanying bid:

---

(Bid Number and Description)

in response to the invitation for the bid made by:

---

(Name of Institution)

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of:

---

that:

---

<sup>3</sup> Includes price bids, advertised competitive bids, limited bids and proposals.

<sup>4</sup> Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

(Name of Bidder)

- 5.1. I have read and I understand the contents of this Certificate;
- 5.2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
- 5.3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
- 5.4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder;
- 5.5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
  - a) has been requested to submit a bid in response to this bid invitation;
  - b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and
  - c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder
- 5.6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium<sup>5</sup> will not be construed as collusive bidding.
- 5.7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
  - a) prices;
  - b) geographical area where product or service will be rendered (market allocation)
  - c) methods, factors or formulas used to calculate prices;
  - d) the intention or decision to submit or not to submit, a bid;
  - e) the submission of a bid which does not meet the specifications and conditions of the bid;  
or
  - f) bidding with the intention not to win the bid.
- 5.8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 5.9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

---

<sup>5</sup> Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract

5.10. I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

---

Signature

---

Date

---

Position

---

Name of Bidder



# APPENDICES

## APPENDIX A - BID PROFORMA

(To be completed by the Lead Consultant)

### General Notes -

- Bidders are requested to complete Table 1 and Table 2 of Appendix A. The total fees from Table 1 must be carried to the form of offer.
- Preference Points and Total Percentage offered take precedence over any additional detailed fee calculations submitted, where there is any ambiguity
- Bidders are to tender a total percentage (to 2 decimal places) for the entire team based on the value of work for fees estimate. This percentage will remain fixed throughout the project and is deemed to include for any surcharges due to alterations works and for Principal Consultant and Principal Agent Fees.
- Disbursements shall be allowed for at the stated allowance value but shall be claimed and paid on a PROVEN COST BASIS ONLY. Disbursement rates as published in the monthly National Department of Public Works "Rates for Reimbursable Expenses" shall be used for claiming.
- Table below is NOT to be modified by Tenderer

**TABLE 1**

Value of Work for Fees	R 45 000 000.00
Total Tendered Fee Percentage for Team (to 2 decimal places)	%
Total Fees for Team	R
ADD Allowance for Disbursements	R 1 400 000.00
Sub-Total 1	R
ADD VAT at 15%	R
<b>GRAND TOTAL (to be carried to the Form of Offer and Acceptance)</b>	<b>R</b>

COMPANY STAMP:

DATE:

**TABLE 2 – APPORTIONMENT OF FEES**

Principal Consultant / Principal Agent / Architect	%
Quantity Surveyor	%
Civil Engineer	%
Structural Engineer	%
Electrical Engineer	%
Mechanical Engineer including Specialist Fire Engineer and Wet Services Engineer	%
Construction Health and Safety	%
<b>TOTAL TENDERED FEE PERCENTAGE FOR TEAM (to 2 decimal places)</b>	<b>%</b>

<p>COMPANY STAMP:</p>          <p>DATE:</p>
---

## APPENDIX B – RETURNABLE DOCUMENTS

CHECKLIST OF RETURNABLE DOCUMENTS			
Item No.	Required Documents	Tick	
		Yes	No
<b>Please ensure the following items are fully completed and complied with:</b>			
1.	Valid SARS Tax Clearance Pin Number, Tax number or original tax Clearance certificate (Tax clearance certificate to be included under Appendix G)		
2.	Declaration of interest by Consultant – SBD 4		
3.	Declaration of bidders Past Supply Chain Management practice – SBD 8		
4.	Certificate of Independent Bid Determination – SBD 9		
5.	Central Supplier Database Registration with National Treasury (Unique Reference Number & Supplier Number)		
6.	Bid from the Consultant (Attach Appendix A – Stamped and dated )		
<b>The following documents are to be submitted under Appendix: G</b>			
7.	Proof of Registration with Companies and Intellectual Property Commission (CIPC)		
8.	Original certified copy of BBBEE Certificate		
9.	Proof of Residential Address (Municipality Rates Bills, Telephone Bill, or current lease agreement letter from Ward councillor or affidavit from Commissioner of oaths, if office is in an area where rates are not paid)		
<b>The following documents are to be submitted under Appendix H under the relevant cover pages:</b>			
10.	Proof of Registration with Council / Professional Body for all Lead Professionals (Attach Letter of Good standing with the relevant council if applicable dated during the year of Bid)		
11.	Proof of the relevant professional Indemnity Insurance – Civil, Structural Engineering: R 5,0 million Electrical, Mechanical Engineering: R 5,0 million Architectural: R 5,0 million Quantity Surveyor: R 5,0 million Health and Safety: R 1,0 million Other: R1,0 million		
<b>The following documents are to be submitted under Appendix I under the relevant cover pages:</b>			
12.	CV per Lead Professional including supporting documentation (completion certificates and award letters / signed final accounts / reference letters)		
13.	Organogram for each Professional Discipline Team		

### BIDDERS TO NOTE

Submission of the above returnable documents is mandatory. Failure to submit all the requested documents will result in the tender not being considered.

# APPENDIX C - CONTRACT DATA

## C1. Contract Data

### C1.1 Standard Professional Services Contract

The conditions applicable to this Contract are the Standard Professional Services Contract (July 2009) Third Edition of CIDB document 1015, published by the Construction Industry Development Board.

#### C1.1.1 Data provided by the Employer

Clause	
	<p>The General Conditions of Contract in the Standard Professional Services Contract (July 2009) make several references to the Contract Data for details that apply specifically to this tender. The Contract Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the General Conditions of Contract.</p> <p>Each item of data given below is cross-referenced to the clause in the General Conditions of Contract to which it mainly applies.</p>
	The Employer is the KZN Department of Health.
3.4 and 4.3.2	The authorised and designated representative of the Employer is the departmental project manager, details of whom are as indicated in the Notice and Invitation to Tender.
1	The Project is for the provision of complete Professional Consultancy (including Lead Consultancy) Services for the Hopewell Clinic: Construction of a New Small Clinic and Staff Residences
1	The Period of Performance is from inception of this Contract until the Service Provider has completed all Deliverables in accordance with the Scope of Services listed in Section G of the bid document.
1	The Start Date is the date from which this contract is fully signed and accepted by the KZN Department of Health
3.4.1	Communications by facsimile is not permitted.
3.5	The Services shall be executed in the Service Provider's own office and on the Project site as described in Section G. No portion of the work may be performed by a person employed by the State. No portion of the work may be sublet to any other person or persons without the prior written approval of the Employer.
3.6	Omit the following: “... within two (2) years of completion of the Service ...”.
3.12	<p>Period of Performance shall be sub dividable in separate target dates according to the programme to be submitted in terms of SECTION G part 7 hereof.</p> <p>A Penalty amount of R500.00 per day will be applicable per target date, to a maximum equal to R50,000.00, after which the contract may be terminated.</p>
3.15.1	The programme shall be submitted within 14 days of the award of the contract.
3.15.2	The Service Provider shall update the programme at intervals not exceeding 8 weeks.
3.16	Time-based fees are not applicable to this appointment and therefore no adjustments for inflation are applicable.
5.4.1	The Service Provider is required to provide professional indemnity cover as set out in the Professional Indemnity Schedule as per point 12 of Appendix B.

Clause	
5.5	The Service Provider is required to obtain the Employer's prior approval in writing before taking any of the following actions: a) Deviate from the programme (delayed or earlier); b) Deviate from or change the Scope of Services; c) Change Key Personnel on the Service.
8.1	The Service Provider is to commence the performance of the Services immediately after the Contract becomes effective and execution to be as per the programme.
8.4.3 (c)	The period of suspension under clause 8.5 is not to exceed two (2) years.
9.1	Copyright of documents prepared for the Project shall be vested with the Employer.
12.1.	Interim settlement of disputes is to be by mediation.
12.2. / 12.3.	Final settlement is by litigation.
12.2.1	In the event that the Parties fail to agree on a mediator, the mediator is to be nominated by the president of the Association of Arbitrators (Southern Africa).
13.1.3	All partners in a joint venture or consortium shall carry the same professional indemnity insurance as per clause 5.4.1 of the General Conditions of Contract.
13.5.1	The amount of compensation is unlimited.
13.6	The provisions of 13.6 do not apply to the Contract.
15	In respect of any amount owed by the Service Provider to the Employer, the Service Provider shall pay the Employer interest at the rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No 1 of 1999).

### **C1.2.3 Data provided by the Service Provider**

Clause	
	Each item of data given below is cross-referenced to the clause in the General Conditions of Contract to which it mainly applies.
1	The Service Provider is the company, close corporation, natural person, consortium, joint venture or partnership named in Form of Offer and Acceptance by the tendering Service Provider.
5.3	The authorised and designated representative of the Service Provider is the Lead Consultant / Professional Architect named on the Project by the Service Provider
5.4.1	<p>Indemnification of the Employer</p> <p>I, the undersigned, being duly authorized by the Service Provider, in terms of the completed resolution</p> <p>.....</p> <p>(Name of authorized person)</p> <p>hereby confirm that the Service Provider known as:</p> <p>.....</p> <p>(Legal name of entity tendering herein)</p>

Clause	
5.4.1	<p>Tendering on the project:</p> <p>.....</p> <p>(Name of project as per Form of Offer and Acceptance)</p> <p>holds professional indemnity insurance cover, from an approved insurer, duly registered with the Finance Services Board, of not less than the amount required as cover relative to the size of project, with the first amount payable not exceeding 5% of the value of indemnity. I further confirm that the Service Provider will keep such professional indemnity fully subscribed. I further confirm that should the professional indemnity insurance, with no knowledge of the Employer, be allowed to lapse at any time or in the event of the Service Provider cancelling such professional indemnity insurance, with no knowledge of the Employer, at any time or if such professional indemnity cover is not sufficient, then the Service Provider,</p> <ul style="list-style-type: none"> <li>i. accepts herewith full liability for the due fulfilment of all obligations in respect of this Service; and</li> <li>ii. hereby indemnifies, and undertakes to keep indemnified, the Employer in respect of all actions, proceedings, liability, claims, damages, costs and expenses in relation to and arising out of the agreement and/or from the aforesaid Service Provider's intentional and/or negligent wrongful acts, errors and/or omissions in its performance on this Contract.</li> </ul> <p>I confirm that the Service Provider undertakes to keep the Employer indemnified, as indicated above, beyond the Final Completion Certificate/Final Certificate by the Employer (whichever is applicable) for a period of five (5) years after the issue of such applicable certificate.</p> <p>I confirm that the Service Provider renounces the benefit of the <i>exceptionis non causa debiti, non numeratae pecuniae</i> and <i>excussionis</i> or any other exceptions which may be legally raised against the enforceability of this indemnification.</p> <p>Notwithstanding the indemnification required above, the Employer reserves the right to claim damages from the Service Provider for this Project where the Service Provider neglects to discharge its obligations in terms of this agreement.</p>
	<p>Name:</p> <p>.....</p> <p>Signature:</p> <p>.....</p> <p>Capacity:</p>

Clause			
7.1.2	<p>As an extension of the definitions contained in clause 1 hereof, Key Persons must, for the purposes of this Contract, include one or more of the professionally registered principal(s) of the Service Provider, and/or, one or more professional(s) employed to render professional services, for whom certified copies of certificates or other documentation clearly proving current professional registration with the relevant council, including registration numbers, must be included with the tender as part of the returnable documentation.</p> <p>The Key Persons and their jobs / functions in relation to the Services are:</p>		
	Name	Principal employed professional(s) and/or	Specific duties
	1.		
	2.		
	3.		
	4.		
	5.		
	6.		
	7.		
	8.		
	9.		
10.			
7.2	A Personnel Schedule is not required.		
	<p>If the space provided in the table above is not sufficient to describe the specific duties, this space may be utilized for such purpose</p>		



## **C2: PRICING DATA**

### C2.1 Pricing Instructions

#### C2.1.1 Basis of remuneration, method of tendering and estimated fees

##### C2.1.1.1 Professional fees for the Multi-Disciplinary Services will be paid on Value basis.

The words “value based” and “percentage based” used in connection with fee types in this document or any documents referred to in this document are interchangeable and are deemed to have the same meaning.

##### C2.1.1.2 Tenderers are to tender:

A value based fee utilizing the stated estimated project construction value multiplied by a fixed tendered percentage which is then apportioned amongst the multi-disciplinary team.

##### C2.1.1.3 The amount tendered herein (*Section F – Form of Offer and Acceptance*) is for tender purposes only and will be amended according to the application of the actual cost of construction.

##### C2.1.1.4 Reimbursable rates for typing, printing and duplicating work shall be in accordance with the conditions laid out under section C2.1.5

##### C2.1.1.5 Disbursements in respect of travelling costs will be paid for separately (as outlined below). Related expenses including all travelling time charges and subsistence allowances related thereto will not be paid for separately. The maximum mileage claimable to site per trip one way shall be capped at/limited to 150km per single trip. Therefore the maximum mileage claimable per return trip to site shall be 300km.

The Service Provider must be available at 24 hours' notice to visit the site if so required.

##### C2.1.1.6 N/A

##### C2.1.1.7 All fee accounts need to be signed by a principal of the Service Provider and submitted in original format, failing which the accounts will be returned. Copies, facsimiles, electronic and other versions of fee accounts will not be considered for payment.

##### C2.1.1.8 For all Services provided on a time basis, time sheets giving full particulars of the work, date of execution and time duration, should be submitted with each fee account.

##### C2.1.1.9 Payments to the Service Provider will be made electronically according to the banking details furnished by the Service Provider. Any change in such banking details must be communicated to the departmental project manager timeously. Fee accounts, correct in all respects, will be deemed submitted when received by the Employer and settled when electronically processed by the Employer. The Employer reserves the right to dispute the whole account, any item or part of an item at any time and will deal with such case in terms of clause 14.3 of the General Conditions of Contract.

##### C2.1.1.10 Accounts for Services rendered may be submitted on the successful completion of each stage of work. Interim accounts will only be considered during the construction stage of the works and then not more frequently than quarterly except if otherwise agreed between the authorised and designated representative of the Service Provider and the Employer. Payment of accounts rendered will be subject to the checking thereof by the departmental project manager. The Employer reserves the right to amend the amounts claimed in order to conform to the rates stipulated in this Contract and

make payment on the basis of the balance of the account in accordance with clause 14.3 of the General Conditions of Contract.

C2.1.2 Value based fees

C2.1.2.1 Fees for work done under a value based fee shall be calculated according to the tendered percentage for fees for the team and apportioned to construction stages (for each professional discipline) as stated in this document.

C2.1.2.2 Interim payments to the Service Provider

For the purposes of ascertaining the interim payments due, the cost of the works, which shall exclude any provisional allowances made to cover contingencies and escalation, shall be:

- the applicable portion of the net amount of the accepted tender

C2.1.2.3 Fees for documentation for work covered by a provisional sum

Where a provisional sum is included in the bills of quantities for work to be documented at a later stage, the documentation fee in respect of such work shall be remunerated at the time when the documentation has been completed.

C2.1.2.4 Time charges for work done under a value based fee (upon approval by Head of Health)

Time charges are reimbursable at rates applicable at the time of the actual execution of the specific service adjustable utilizing the discount for time based fees offered within the tender document. The "Rates for Reimbursable Expenses" as amended from time to time and referred to below, is obtainable on the Website: <http://www.publicworks.gov.za/> under "Documents"; "Consultants Guidelines"; item 1.

C2.1.2.5 Unless otherwise specifically agreed in writing, remuneration for the time expended by principals in terms of time based fees on a project shall be limited to 5 per cent of the total time expended for time charges in respect of the Project. Any time expended by principals in excess of the 5 per cent limit shall be remunerated at the rates determined in (ii) or (iii) above.

C2.1.3 Additional Services

C2.1.3.1 Additional Services pertaining to all Stages of the Project

Unless separately provided for hereunder and scheduled in the Activity Schedule, no separate payment shall be made for the additional services specified in the relevant tariff of fees guide. The cost of providing these services shall be deemed to be included in the value based fee tendered for normal services.

C2.1.3.2 Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)

No separate payment shall be made. The cost of providing this service shall be deemed to be included in the value based fee tendered for normal services.

C2.1.3.3 Quality Assurance System

No separate payment shall be made for the implementation of a quality management system. The cost of providing this service shall be deemed to be included in the value based fee tendered for normal services.

C2.1.3.4 Lead Consulting Engineer

No separate payment shall be made for assuming the leadership of an Employer specified joint venture, consortium or team of consulting engineers. The cost of providing this service shall be deemed to be included in the value based fee tendered for normal services.

- C2.1.3.5 Principal Agent of the Client  
No separate payment shall be made for assuming the role of principle agent. The cost of providing this service shall be deemed to be included in the value based fee tendered for normal services.
- C2.1.3.6 Environmental Impact Assessment  
No separate payment shall be made for the service. The cost of providing this service shall be deemed to be included in the value based fee tendered for normal services.
- C2.1.4 Set off  
The Employer reserves the right to set off against any amount payable to the Service Provider, any sum which is owing by the Service Provider to the Employer in respect of this or any other project.
- C2.1.5 Typing, printing and duplicating work
- C2.1.5.1 Reimbursable rates  
The costs of typing, printing and duplicating work in connection with the documentation which must of necessity be done, except those which must in terms of the relevant Manual or other instructions be provided free of charge, shall be reimbursable at rates applicable at the time of the execution of such work. The document "Rates for Reimbursable Expenses" as amended from time to time and referred to below, is obtainable on the Website: : <http://www.publicworks.gov.za/> under "Documents"; "Consultants Guidelines"; item 1.
- C2.1.5.2 Typing and duplicating  
If the Service Provider cannot undertake the work himself, he may have it done by another service provider which specializes in this type of work and he shall be paid the actual costs incurred upon submission of statements and receipts which have been endorsed by him confirming that the tariff is the most economical for the locality concerned subject to the maximum tariffs per A4 sheet as set out in Table 1 in the "Rates for Reimbursable Expenses".
- If the Service Provider undertakes the work himself, he shall be paid in respect of actual expenses incurred subject to the maximum tariffs per A4 sheet as set out in Table 1 in the "Rates for Reimbursable Expenses".
- Typing and duplicating expenses shall only be refunded in respect of the final copies of the following documents namely formal reports, formal soil investigation reports, specifications, feasibility reports, bills of quantities, material lists, minutes of site meetings and final accounts. The cost of printed hard covers shall only be paid in respect of documents which will be made available to the public such as bills of quantities and specifications or where provision of hard covers is specifically approved.
- The typing of correspondence, appendices and covering letters are deemed to be included in the value based fees and time based fees paid.
- C2.1.6 Travelling and subsistence arrangements and tariffs of charges  
Notwithstanding the ruling in C2.1.1.5 above (regarding disbursements and travelling expenses), when the Service Provider is requested in writing by or obtained prior approval in writing from the Employer to attend specific meetings at any of the Employer's offices or any extraordinary meetings on site or elsewhere, he will be remunerated according to the provisions under C2.1.6.1 to C2.1.6.3 herein.
- C2.1.6.1 General  
The most economical mode of transport is to be used taking into account the cost of transport, subsistence and time. Accounts not rendered in accordance herewith may be reduced to an amount determined by the Employer.

As the tariffs referred to hereunder are adjusted from time to time, accounts must be calculated at the tariff applicable at the time of the expenditure.

Where journeys and resultant costs are in the Employer's opinion related to a Service Provider's mal-performance or failure, in terms of this Contract, to properly document or co-ordinate the work or to manage the Contract, no claims for such costs will be considered.

C2.1.6.2 Travelling time  
No travelling time shall be paid on this project.

C2.1.6.3 Travelling costs  
Fees for travelling costs are as set out in Table 3 in the "Rates for Reimbursable Expenses".

Travelling costs will be refunded for the full distance covered per return trip measured from the office of the Service Provider appointed provided that the destination is greater than 50km away (one way) from the Service Provider's stated office address at the time of tender.

The maximum mileage claimable to site per trip one way shall be capped at/limited to 150km per single trip. Therefore the maximum mileage claimable per return trip to site shall be 300km for ALL TRIPS TO SITE. Any mileage that exceeds this cap per trip will not be claimable or paid.

Compensation for the use of private motor transport will be in accordance with the Government tariff for the relevant engine swept volume, up to a maximum of 2150 cubic centimetres, prescribed from time to time and as set out in Table 3 in the "Rates for Reimbursable Expenses".

C2.2 Activity Schedule

C2.2.1 Activities

C2.2.1.1 For services where the apportionment of fees is not provided for in SECTION G, proportioning of the fee for normal services over the various stages shall be as set out in the relevant Government Gazetted Tariffs.

C2.2.1.2 The tenderer must make provision for all activities necessary for the execution of the service as set out in the Scope of Services.

# **APPENDIX D: PROJECT BRIEF**



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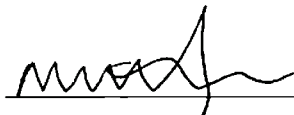
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# PROJECT BRIEF

## HOPEWELL CLINIC NEW SMALL CLINIC


Drafted by: MRS A HESKETH  
Project Leader

Signed:   
Date: 16 MARCH 2021

Recommended by: MS M DE GOEDE  
Director: Planning

Signed:   
Date: 17.03.2021

Approved by: MR B G GCABA  
Chief Director: Infrastructure  
Development

Signed:   
Date: 17/03/2021

### Document Control

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## 1. Acronyms

AIDS	Acquired Immune Deficiency Syndrome
ART	Anti-retroviral Treatment
CARMMA	Campaign on Accelerated Reduction of Maternal and Child Mortality
CCMDD	Chronic Medication Dispensing and Supply Model
CHC	Community Health Centre
CIDB	Construction Industry Development Board
CPG	Contract Participation Goal
DDT	Dichlorodiphenyltrichloroethane
DHIS	District Health Information Software
EPWP	Expanded Public Works Program
FIDPM	Framework for Delivery and Procurement Management
GHS	General Household Survey
Hep B	Hepatitis B
HIV	Human Immunodeficiency Virus
HTS	Health Technological Services
IC	Ideal Clinic
ICRM	Ideal Clinic Realisation and Maintenance
ICSM	Integrated Clinical Services Management
IDM	Infrastructure Delivery Management
iMMR	Institutional Maternal Mortality Ratio
IPC	Infection Prevention Control
IUSS	Infrastructure Unit Support Systems
KZN	KwaZulu-Natal
KZN-DOH	KwaZulu-Natal Department of Health
LTP	Long Term Plan
MDR	Multi Drug Resistant
MEC	Member of the Executive
MNCWH	Maternal, Newborn, Child and Women's Health
NDOH	National Department of Health
NDP	National Development Plan
NHI	National Health Insurance
OSS	Operation Sukuma Sakhe
PGDP	Provincial Growth and Development Plan
PHC	Primary Health Care
PLO	Project Liaison Officer
PN	Professional Nurse
PPE	Personal Protective Equipment
PSP	Professional Service Providers
SA	South Africa
StatsSA	Statistics South Africa
STI	Sexually Transmitted Infection
TB	Tuberculosis
UNAIDS	Joint United Nations Programme on HIV/AIDS
WHO	World Health Organisation
XDR	Extreme Multi Drug Resistant

## 2. Project Details

### 2.1. The Facility

- Facility Name: Hopewell Clinic
- Facility Number: TBC
- Facility Type: PHC - Clinic
- Facility Owner: The property needs to be subdivided. This is being finalised by DoPW. The proposed details are as follows: Government - Provincial
  - Portion: 88 (of 8)
  - Deeds Description: Farm Hopewell No. 881
  - Title Deed Number: TBC

### 2.2. Location

- Province: KwaZulu - Natal (KZ)
- District Municipality: Umgungundlovu (DC22)
- Local Municipality: Richmond (KZN227)
- Ward: 4
- Geographical Coordinates:
  - Latitude: -28.931443
  - Longitude: 31.687986
- Street address (or directions):
- Postal address: TBC
- Telephone number: TBC

### 2.3. The Project details

- Project Name: New Clinic
- KZN-DOH Project Number:HOPEW0001
- Project Code: 052391
- Project Details / Scope: New Medium Clinic and Staff Residences
- Project Type: Infrastructure Development - Projects
- Budget Programme Number: Programme 8
- Budget Programme Name: Health Facilities Management
- Sub-programme: Sub-Programme 8.1 Community Health Facilities
- Infrastructure Programme Name: Not part of a Programme
- Nature of Investment: New or Replaced Infrastructure
- Nature of Investment Sub- status: New Facility

### 2.4. Oversight Team

- Provincial Champion: Mr B G Gcaba (Chief Director Infrastructure Development)
- Provincial Power User: Ms M De Goede (Director: Infrastructure Planning)
- Project Sponsor: Mr B G Gcaba
- Project Control Group: Infrastructure Development
- Project Approver: Mr B G Gcaba
- Project Verifier: Ms M De Goede

## **2.5. Project Background**

Hopewell is located in Umgungundlovu Health District, Richmond Municipality. It is within a rural location.

### **2.5.1. A Short History**

The purpose of a health facility is to promote health and to prevent illness and further complications through health promotion, early detection, treatment and appropriate referral. The success of South Africa's National Health Insurance will depend on a well-functioning Primary Health Care (PHC) system. Community based services must be complimented by PHC facilities that will provide equitable access to South Africans, prioritising health services to those most in need. To achieve this, PHC should function optimally thus requiring a combination of elements to be present in order to render it IDEAL. To achieve this National Department of Health started the Ideal Clinic programme.

An Ideal Clinic is a clinic with good infrastructure, adequate staff, adequate medicine and supplies, good administrative processes and sufficient bulk supplies that use applicable clinical policies, protocols, guidelines to ensure the provision of quality health services to the community. An Ideal Clinic will cooperate with other government departments as well as with the private sector and non-governmental organisations to address the social determinants of health.

**SOURCE: Ideal Clinic Manual Version 17**

An application for this new clinic was received by the district more than 10 years ago to provide fixed primary health care services to ward 4, Richmond.

### **2.5.2. Situation today**

The area is serviced by a mobile service once a week. The current headcount for the mobile clinic is about 1 000 patients a month.

The nearest clinic to this community is Richmond Clinic that is located 29.6km away, while Edendale Hospital is 22.8km away. At times when the mobile clinic is not available, people travel to these facilities.

### **2.5.3. Current Services offered at Hopewell Clinic**

- N/A

## **2.6. The Site:**

The identified site is in the middle of Hopewell town. It sits between two schools (Primary and Secondary), the library and community hall. Access is currently past the library and community hall, but is not formalised. The site slopes slightly from the crest at the entrance to the site, towards the residential area at the back of the site.

2.6.1.1. Strategic location of site:



Photo 1: Site location on Aerial View



Photo 2: Site location

SOURCE: Google Maps



Photo 3: View of site towards North East



Photo 4: View of site towards South West  
SOURCE: Author

- Restrictions:  
**The land is in the process of being subdivided. DoPW will confirm any restrictions once this process is complete.**
- Land use definition  
**The land is in the process of being subdivided. DoPW will confirm the land use definition once this process is complete.**
- Heritage components  
None known
- Survey of the site  
There is no survey available, but it is required
- Geo-technical information  
There is no geotechnical information, but is required
- Traffic impact study  
It will need to be confirmed whether a traffic assessment is required as access is from a provincial road.
- External circulation
  - Access to the site: The access is currently an informal access through a vacant piece of land adjacent to the library.
  - Access to Public transport: Mini bus taxis are available along the R624, which provides easy access to the site.
  - Pedestrian routes: Currently pedestrians access the site along the R624 and then share the informal route past the library. Residents currently use the property as a short cut to the main road.
  - Roads: The R624 provides direct access to the site.
  - Walkways: There are no formalised walkways

- Parking: No formal parking is available, currently the vacant property adjacent the library is used for the community hall when the need arises.
- Climatic conditions
 

There is no specific information available for Hopewell, the closest climatic data is from Richmond:  
 Richmond (KZN) normally receives about 852mm of rain per year, with most rainfall occurring mainly during mid-summer. It receives the lowest rainfall (8mm) in June and the highest (135mm) in January. The monthly distribution of average daily maximum temperatures shows that the average midday temperatures for Richmond (kzn) range from 19.4°C in June to 26°C in February. The region is the coldest during July when the mercury drops to 5.3°C on average during the night. ([http://www.saexplorer.co.za/south-africa/climate/richmond\\_\(kzn\)\\_climate.asp](http://www.saexplorer.co.za/south-africa/climate/richmond_(kzn)_climate.asp))
- Aviation
 

N/A
- Seismic activity
 

None Known
- Radio towers
 

None Known
- Site orientation
 

The site is triangular in shape, orientating towards the north east. The slope falls in the same direction, with the lowest side towards the north east.
- Security and access control
 

None existing
- Flood plain risks
 

None known
- Existing infrastructure
 

Greenfield site
- Bulk services (Services required is discussed in detail later in the document):
  - Sewerage: No water borne sewerage is available
  - Water: Supply is available
  - Electricity: Supply is available
  - Storm water: None existing

### 3. Strategic Background

#### 3.1. Strategic Impact or Objective

The new clinic will improve universal health coverage rendered in the Richmond Sub-district and in the Umgungundlovu Health District, improving the quality of healthcare, strengthening health system effectiveness and reducing and managing the burden of disease.

Projects are generally created by the identification of a Strategic need and in diagrammatic form it is explained as follows



#### 3.2. Project Outcome

Integrated Clinical Services Management (ICSM) is a key focus within an Ideal Clinic. ICSM is a health system strengthening model that builds on the strengths of the HIV programme to deliver integrated care to patients with chronic and/or acute diseases or who comes for preventative services by taking a patient-centric view that encompasses the full value chain of continuum of care and support.

**SOURCE:** Ideal Clinic Manual Version 17

The new clinic will ensure appropriate healthcare access to the local community, in terms of the above.

Job creation during construction and for operation of the clinic

#### 3.3. Project Output

The project output will be a new primary healthcare facility that provides permanent healthcare access to the local community.

#### 3.4. Project Actions

The various tasks that must be carried out in order to deliver planned results

- Stakeholder engagement with community at initiation stage and construction stage
- Stakeholder engagement with facility, the district and provincial and national programmes
- Investigations in land availability
- Investigations in land use, zoning restrictions
- Project Planning
- Designs, specifications, etc
- Documentation
- Tender process
- Construction
- Handover & Commissioning
- Training



### 3.5. Project Input

#### 3.5.1. Project Team

##### 3.5.1.1. KZN Department of Health - Infrastructure Development

Team Member	Skill level required
Project Leader	Project Management skill required
Architect	Level 11: Architect
Quantity Surveyor	Level 11: Quantity Surveyor
Electrical Engineer	Level 11: Engineer
Mechanical Engineer	Level 11: Engineer
Civil Engineer	Level 11: Engineer
Organisational Development	5 Years' Experience in Health environment
Quality Assurance	5 Years' Experience in Health environment

##### 3.5.1.2. KZN Department of Health – General

Team Member	Skill level required
Security Services Liaison	Must have knowledge of national, provincial and departmental policies re security, level of security required for PHC
Infection Prevention Control (IPC) Liaison	Must have knowledge of national, provincial and departmental policies re IPC, materials and fittings for primary healthcare
Environmental Health	Must have knowledge of national, provincial and departmental policies re Environmental Health, infrastructure & processes
Health District Liaison	Must have decision-making delegations Must have knowledge of provincial and departmental policies re Housing/Accommodation Must have knowledge of Hospital Infrastructure and Maintenance plans
Primary Health Care Liaison	Must have knowledge of provincial and departmental policies re Primary Health Care
IT Services Liaison	Must have knowledge of provincial and departmental policies re IT services

##### 3.5.1.3. Implementing Agent KwaZulu-Natal Department of Public Works

Team Member	Skill level required
Project Leader	Project Management skill required. 5 years' experience in the Health planning environment
Architect	University degree, Professional registration and 3 years post registration experience in the health field
Quantity Surveyor	University degree, Professional registration and 3 years post registration experience
Administrative support	Finance, Admin and WIMS skills required

### 3.5.1.4. External Resources required

External Resources may only be procured if there is insufficient in-house skills available within the Implementing Agent. Justification must be provided in terms of National Treasury Instruction No 2 of 2017/2018 and specifically item 4.

Should external resource be required, it is recommended that the following be considered (as is required to augment any In-house capacity):

**Table 1: External Team**

Team Member	Skill level required
Principal Agent	University degree, Professional registration and 3 years post registration experience Project Management skill required. 5 years' experience in the Health planning environment
Architect	University degree, Professional registration and 3 years post registration experience
Electrical Engineer	University degree, Professional registration and 3 years post registration experience
Mechanical Engineer	University degree, Professional registration and 3 years post registration experience
Civil/Structural Engineer	University degree, Professional registration and 3 years post registration experience
Quantity Surveyor	University degree, Professional registration and 3 years post registration experience
Land Surveyor	5 Years' Experience in the Surveying Field
Geotechnical Engineer	University degree, Professional registration and 3 years post registration experience
Sustainable Specialist	5 Years' Experience in the Infrastructure environment
General building contractor	CIBD 8GB
Community Liaison Officer	Experience and knowledge of applicable legislations and policies Management capabilities is recommended

### 3.5.1.5. Additional resources required

Over and above the preceding, it is expected that the following resources will be required:

- Contracting Management staff
- Contracting Admin staff
- Contracting Supervisory staff
- Construction Artisans
- Construction workers
- Casual Labour
- Specialist sub-contractors
- Applicable construction materials
- Required construction equipment and machinery
- Borehole
- Backup generator
- Reserve Fire tank

### **3.6. Statutory Requirements**

#### **3.6.1. Legislation**

Minimum applicable legislation (latest version) include:

- Architectural Profession Act, 2000 (Act No. 44 of 2000)
- Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003)
- Constitution of the Republic of South Africa, 1996 (Act No. 108 of 1996)
- Construction Industry Development Board Act, 2000 (Act No. 38 of 2000)
- Engineering Profession Act, 2000 (Act No. 46 of 2000)
- Government Immovable Assets Management Act ( Act No. 19 of 2007)
- Landscape Architectural Profession Act, 2000 (Act No. 45 of 2000)
- National Archives and Record Services of South Africa Act, 1996 (Act No. 43 of 1996)
- Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)
- Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000)
- Project and Construction Management Professions Act, 2000 (Act No. 48 of 2000)
- Public Finance Management Act, 1999 (Act No. 1 of 1999)
- Quantity Surveying Profession Act of 2000 (Act No. 49 of 2000)
- South African Schools Act, 1996 (Act No. 84 of 1996)
- National Health Act, Act No. 61,2003
- Division of Revenue Act, Act 10 of 2015
- Spatial Planning and Land Use Management Act, Act 16 of 2013 and Regulations
- Occupational Diseases in Mines and Works Act, 78 of 1973
- Health Professions Act, Act 56 of 1974 (as amended)
- National Policy for Health Act, Act 116 of 1990
- Tobacco Products Control Amendment Act, Act 12 of 1999 (as amended)
- Criminal Procedure Act, Act no 51 of 1977 (as amended)
- Public Service Act of 1994
- Employment Equity Act, Act No 55 of 1998 (as amended)
- State Information Technology Act, Act no 88 of 1998
- Skills Development Act, Act no 97 of 1998
- Promotion of Access to Information Act, Act no 2 of 2000
- Promotion Of Administrative Justice Act, Act No. 3 of 2000
- Promotion of Equality and Prevention of Unfair Discrimination Act, Act No 4 of 2000
- Council for the Build Environment Act, Act No 43 of 2000
- Preferential Procurement Regulations, 2017
- Other Sector Specific Acts of Parliament

#### **3.6.2. Policies:**

- KwaZulu-Natal Department of Health Employee Housing Policy

#### **3.6.3. Other requirements:**

- Treasury Instructions Notes No. 4 of 2015/16 in terms of Public Finance Management Act (PFMA); and
- Circular 77 for Model Supply Chain Management (SCM) policy for infrastructure procurement and delivery management.

### 3.6.4. Norms and Standards: Minimum applicable Norms and Standards

- IUSS Health Facility Guides Primary Healthcare Facilities
- Other applicable IUSS Health Facility Guides
- Ideal Clinic: Integrated Clinical Services management
  
- Statutory Permissions Required
  - Land:
    - Acquisition:
    - Leases: PTO and ITB forms available and at hand
    - Exact extent of land is to be confirmed
  - Applications
    - Planning and Development Act: SPLUMA application is required to be submitted to local municipality
    - Environmental Impact Assessment: EIA is to be submitted for the whole development area.
    - AMAFA approval: Not required
    - Municipal Approval: Required. All municipal approvals to be sought and granted
    - Access to Provincial /National Roads: No permission is required to access a National or Provincial road directly. Access will be from a District road. However, permission will be required from the Department of Transport for directional signage to the clinic.

## 4. Clinical Brief

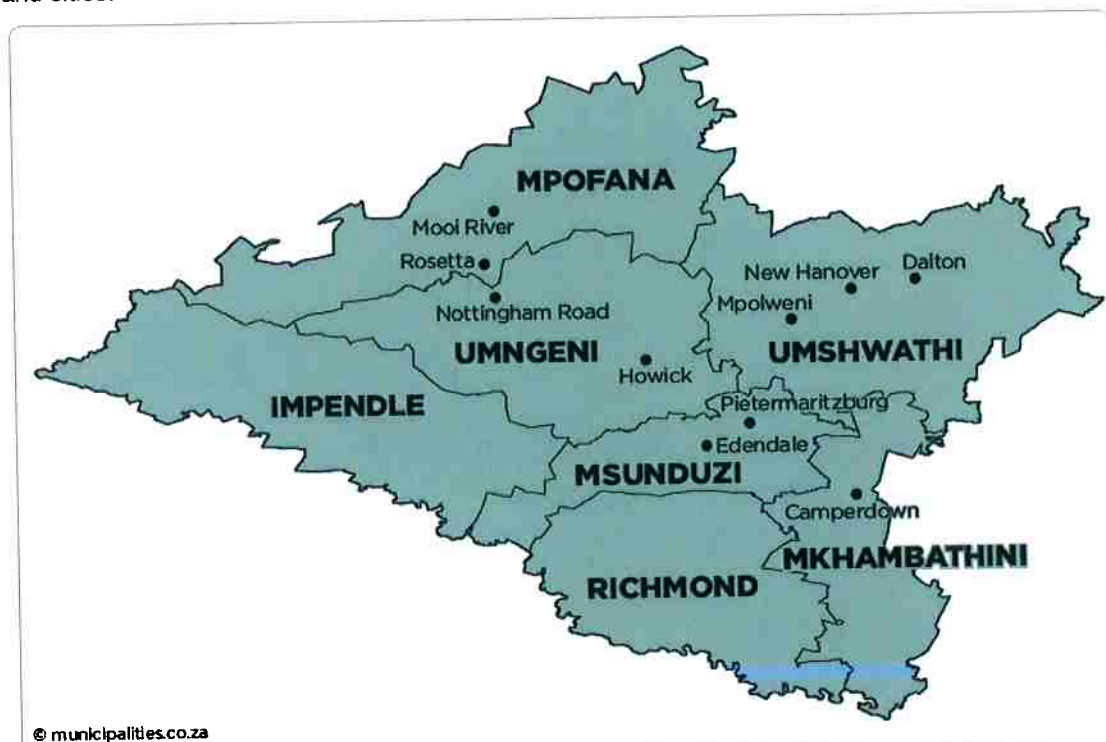
### 4.1. Situational Analysis

#### 4.1.1.1. Overview of uMgungundlovu District

uMgungundlovu District Municipality is situated in the Kwazulu Natal Midlands. It covers 9602 square kilometre (km<sup>2</sup>). It comprises of seven local municipalities viz: Impendle, uMkhambathini, Umgeni, Richmond, Mooi Mpofana, uMshwathi and Msunduzi, and has 85 Municipal Wards.

It is surrounded by Ilembe District (DC29) to the East; Sisonke (DC43) to the Southwest; Ugu (DC21) to the South; Umzinyathi (DC24) to the North; Uthukela (DC23) to the Northwest and Ethekeweni (DC25) to the Southeast.

The map below shows the extent of uMgungundlovu district, indicating sub-districts and major towns and cities.



The estimated area, population and population density are as follows:

Local Municipality	Area km	Population	Population Density per km <sup>2</sup>
Kz221- Umshwathi	1818 sq km	(9.3%) 107 711	59 per sq km
Kz 222- Umngeni	1567 sq km	(9.5%) 110 447	59 "
Kz223- Mpofana	1820 sq km	(3.9%) 44651	21 "
Kz224- Impendle	1528 sq km	(2.5%) 29 022	22 "
Kz 225 -Msunduzi	634 sq km	( 61.4 %) 708 805	928 "
Kz 226 -Richmond	1256 sq km	( 6.3%) 73 021	71 "
Kz 227- mKhambatini	891 sq km	( 6.9% ) 80 239	52 "
<b>District Umgungundlovu</b>	<b>9513 sq km</b>	<b>1 126 584</b>	<b>107</b>

SOURCE: District Health Plan 2020/21 – 2024/25

#### 4.1.1.2. Demographic Profile

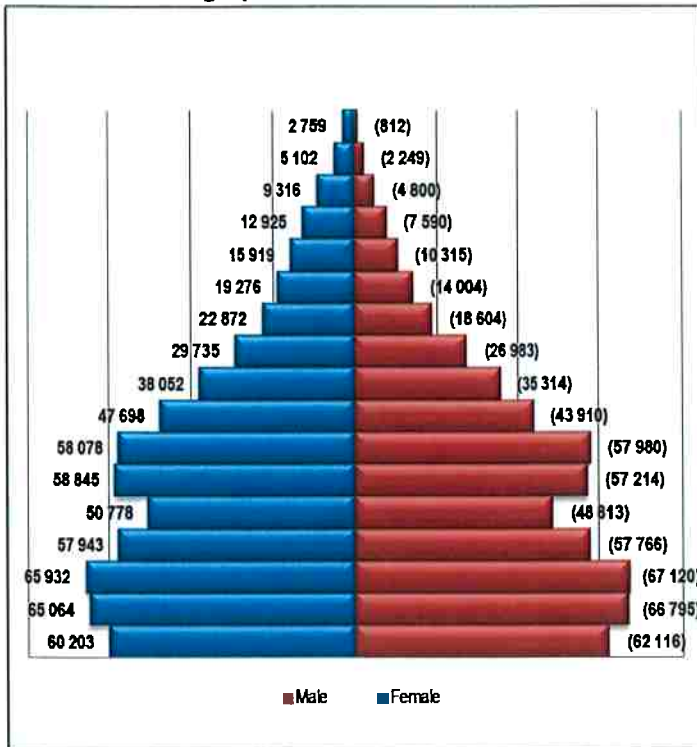


Figure 1: District Population vs Provincial Population

The population pyramid shows that women generally live longer than males – from the age 40, male numbers reduce drastically – There is also a drastic dip in general population between ages 15-19 years in 2016.

- The changes in the district demographics over the past 10 years between 2006 and 2016 are that more babies are surviving past 5 years of age.
- More adolescents lose their lives between 15 and 19 years of age.

Some similarities and differences between the national and district demographics:

- In 2006, the district demographics had close resemblance to that of the country.
- 2016 graph also depicts a similar pattern, except for the following:-
  - Less males live beyond 40 years in Umgungundlovu District in 2016, than in 2006.
  - The life span of people in Umgungundlovu District is still shorter than the national picture.
  - Generally, the population pyramid In Umgungundlovu District appears to be normalising as more children survive.

SOURCE: District Health Plan 2020/21 – 2024/25

Richmond sub-district covers 317.3km<sup>2</sup> and has a recorded population of 10 117 (Census 2011).

Age

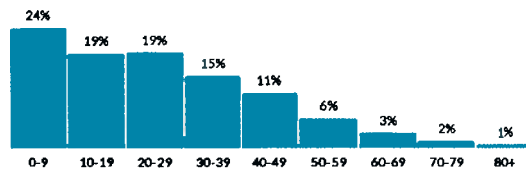
**24**

Median age

a little less than the figure in Umgungundlovu: 25

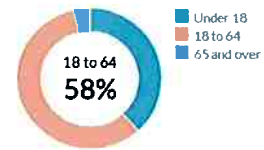
a little higher than the figure in KwaZulu-Natal: 23

Population by age range



Source: Census 2011

Population by age category



Source: Census 2011

Population

**10 117**

People

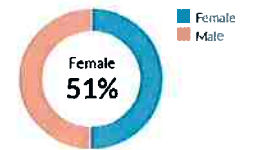
less than 10 percent of the figure in Umgungundlovu: 1,007,806L

KwaZulu-Natal: 10,267,300L

Population group



Sex



Source: Census 2011

Child population

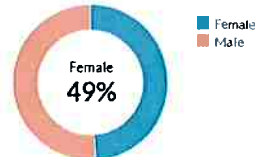
**3 873**

Children

less than 10 percent of the figure in Umgungundlovu: 346,213

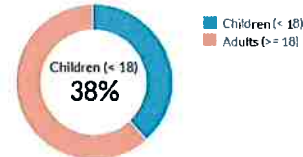
KwaZulu-Natal: 3,956,728

Children under 18 by gender



\* Universe: Children under 18  
Source: Census 2011

Population by age category



Source: Census 2011

Parents

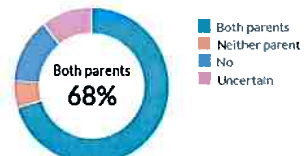
**5.4%**

Of children 14 and under have no living biological parents

about 10 percent higher than the rate in Umgungundlovu: 4.78%

about 25 percent higher than the rate in KwaZulu-Natal: 4.4%

Children 14 and under by biological parental survival



\* Universe: Children 14 and under  
Source: Census 2011

Source: Census 2011

### 4.1.1.3. Socio-economic Profile

#### Households

**3 043**

Households

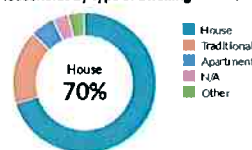
less than 10 percent of the figure in Umungundlovu: 280,485L  
KwaZulu-Natal: 2,634,122L

**1.3%**

Households that are informal dwellings (shacks)

about one-fifth of the rate in Umungundlovu: 6.56%  
less than a fifth of the rate in KwaZulu-Natal: 8.03%

Households by type of dwelling Chart Options



Source: Census 2011

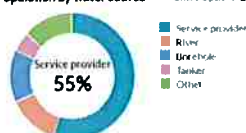
#### Water

**55%**

Are getting water from a regional or local service provider

about three-quarters of the rate in Umungundlovu: 75.65%  
about 60 percent of the rate in KwaZulu-Natal: 67.25%

Population by water source Chart Options



Source: Census 2011

#### Toilet facilities

**25.1%**

Have access to flush or chemical toilets

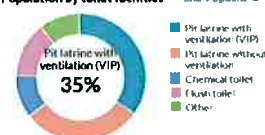
about half the rate in Umungundlovu: 54.12%  
about half the rate in KwaZulu-Natal: 53.26%

**5.6%**

Have no access to any toilets

nearly double the rate in Umungundlovu: 9.08%  
about 90 percent of the rate in KwaZulu-Natal: 6.23%

Population by toilet facilities Chart Options



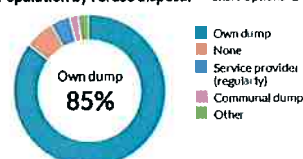
#### Refuse disposal

**4.9%**

Are getting refuse disposal from a local authority or private company

about 10 percent of the rate in Umungundlovu: 42.27%  
about 10 percent of the rate in KwaZulu-Natal: 45.79%

Population by refuse disposal Chart Options



Source: Census 2011

	Source /Year	District
Percentage of female-headed households (%)	2016	46.4
Unemployment rate (%)	2011	30.4
Youth unemployment rate (15 – 34 years) (%)	2011	39.5
Percentage of population 20 years and older with no schooling (%)	2016	11.7
Percentage without matric (%)	2016	63.1
Percentage without higher education (%)	2016	87.2
Formal dwellings (%)	2016	76.7
Percentage of households using electricity for lightening (%)	2016	92.8
Percentage of households with flush toilet connected to sewerage (%)	2016	40.5
Percentage of households with weekly refusal removal (%)	2016	41.4
Percentage of households with piped water inside dwellings (%)	2016	37.7
Drinking water system (Blue Drop) Performance rating (%)	2014	89.5

#### Social determinants of health (source: stats SA Local govt handbook)

According to the above information, (Stats SA Local Government Handbook 2016), the number of female headed households is very high at 46.4% in Umungundlovu District, as it is in the Province and



the rest of the country. This leaves almost half of the woman in the country having to support a household on a single income. This has a direct impact on living standards and quality of life.

A high unemployment rate (30.4%) in Umgungundlovu District, represents a higher demand on public health care services and contributes to higher prevalence of substance abuse and teenage pregnancies.

Access to services, formal dwellings with better ventilation and electricity, would produce better health outcomes, pertaining to diseases linked to indoor pollution e.g.; asthma and burns.

Access to basic services such as piped water, a “blue drop” drinking water system and weekly refuse removal system contributes to better health outcomes of childhood illnesses, such as diarrhoea diseases.

Main social challenges in the District that are constraining outcomes-

1. Single headed households – 46% of our households have to survive on a single income. This has a direct impact on the quality of life of the child.
2. Unemployment – 39.5% of youth are unemployed. They are not able to sustain a reasonable lifestyle without an income.
3. Inadequate education – 11.7% of our population in the District are 20 years and older with no schooling. They are therefore not equipped to make rational healthy lifestyle decisions.
4. Teenage pregnancy – the escalating teenage pregnancy rate in the District has a direct impact on our maternal and child mortality performance
5. Crime – people live with high levels of anxiety due to the escalating crime statistics. This increases mental illness.
6. Access to healthcare – due to overcrowding in some of our facilities, waiting times for procedures and for service is impeded.
7. Drug abuse – much of our teenage and adolescent mortality is attributed to this.
8. Lack of basic services –
  - a. Refuse removal – lack of this service leads to unhygienic living conditions.
  - b. Piped water – without reliable water supply it is not possible to maintain a healthy lifestyle.
  - c. Flushing toilets – only 40.5% of our households have flushing toilets. This is unhygienic and leads to bad health outcomes.
  - d. Housing – 24.3% of our District lives in informal housing. It is therefore very difficult for these residents to maintain a healthy lifestyle.
9. Formal education – 63.1% of our people have no matric and 87.2% are without higher education.
10. Cross border migration – people migrating across borders from other countries and districts are impacting outcomes.
11. Lack of information –marketing of resources and packages of service is lacking; therefore impacting outcomes.

**SOURCE:** District Health Plan 2020/21 – 2024/25

#### **4.1.1.4. Epidemiology**

The District faces a quadruple burden of disease – Deaths are classified into 4 broad causes or groups:-

- Injuries
- Non communicable diseases
- HIV and TB
- Communicable diseases together with maternal, perinatal and nutritional conditions.

### Key observations:

According to provided information, the main causes of death in Umgungundlovu District between 2006 and 2015:

- TB
- Diarrhoea diseases
- HIV/AIDS
- Lower respiratory infections
- Localised infections including nephritis
- NCDs (Hypertension & Diabetes)
- Injuries ( interpersonal, personal, road accidents and drowning)
- Ischemic heart diseases
- Fires

Non communicable diseases are responsible for 83% of deaths in the over 65 year olds.

During the same period the main causes of death in maternal mortality in the District were as follows:

- Indirect maternal conditions – 30.1%
- Other maternal conditions – 20.2%
- Abortion – 16.2%
- Hypertension in pregnancy – 14.95%
- Maternal sepsis – 9.4%
- Maternal haemorrhage – 9.2%

### Key Observations on burden of disease:

The Performance WRT HIV and AIDS has improved and the impact of interventions is being felt.

TB incidence is not improving

Non communicable diseases are on the increase

Screening in Mental health needs to be improved

Paediatric emergency services needs to be improved.

**SOURCE: District Health Plan 2020/21 – 2024/25**

#### 4.1.1.5. Catchment Area

The catchment area is specifically Ward 4, Richmond. This is an area of 317.3 km<sup>2</sup> and a population of 10 117, which equates to 31.9 people per square kilometre.

**SOURCE: Census 2011**



Figure 2: Location of Ward 4 Richmond Source: Wazimap

## 4.2. Scope of the Project

### 4.2.1. Brief overview of the Project Scope

Hopewell Clinic will be rendering Preventative, Promotive, Curative, Rehabilitative and Palliative Health Care. Based on the current population a small clinic is required.

Residential Units for the Operational Manager, Clinical Nurse Practitioners and Professional Nurses will be included according to the KwaZulu-Natal Department of Health Employee Housing Policy (July 2004). One 2-bed unit and 2 3-bed units are proposed.

### 4.2.2. Brief conditional assessment

There are some concrete surface beds on the site, however these will need to be demolished in order that the clinic may be located appropriately on the site.

### 4.2.3. The Proposed Service Profile

According to the Infrastructure Unit Support Systems (IUSS): Primary Healthcare Facilities [Gazetted, 30 June 2014] states: Clinics and community health centres (CHCs) are the primary healthcare facility-based points of care that are closest to the community being served. These institutions are generally the first point of contact at a health establishment, in a continuum of care which extends from within communities, through primary, regional and tertiary services. Their prime function is to provide suitable accommodation for outpatients' care (clinics and CHCs) and limited inpatients' care (CHCs). For convenience, services offered by clinics and CHCs can be grouped into five streams: namely chronic services, acute services, preventive and promotive services, specialised services and community outreach services.

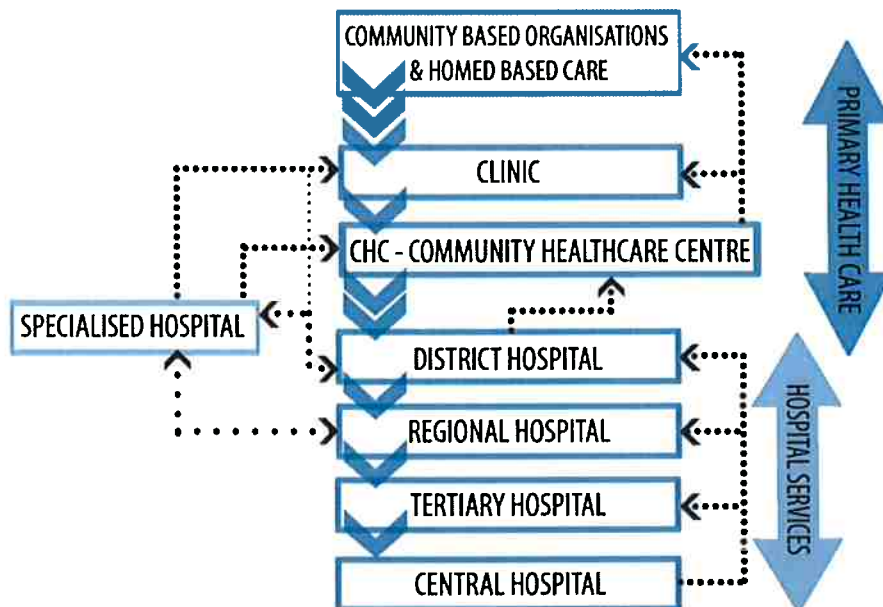


Figure 3: Public Healthcare Facility continuum of care

Hopewell Clinic will provide a standard package of services.

#### 4.2.4. Division of Care

Division of care provides a differentiation between care in terms of type as well as applicable security measures. See details in table below:

**Table 2: Clinic: Division of Care**

Type of Service		Service Area	Security grading
Small Clinic	Guard house/Visitors Block	Guard room & staff facilities, Search room and Public ablutions	High to Medium security
	Administration block	Administration, Storage and Staff Facilities, dispensing	High to Medium security
	Minor ailments block	Consulting, procedure and counselling	Medium security
	Chronic block	Consulting, procedure and counselling	Medium security
	Preventive and Promotive block	Consulting, procedure and counselling	Medium security
	Community Services block	Administrative	Medium security
	Youth Drop-in Services block	Consulting and Counselling	Medium security
	Internal Services block	Storage, Cleaning and Ablutions	Low Security
	Storage	Low Security	

#### 4.2.5. Functional Areas

**Table 3: Public Areas**

SPACE	DESCRIPTION
Entrance to the Building	Ideally, only one public entrance to the building should be provided as this avoids confusion and aids security. Secondary public entrances may be required for ambulance drop off and collection, as well as stock delivery and collection of waste. The entrance to the building must be clearly identifiable and should be universally accessible. It must be covered and provide protection from the weather.
Help Desk	A desk and chair to accommodate a member of staff who will assist patients' with queries and direct them to where they need to go. This must be close to the entrance to the main waiting area.
Main Waiting Area	Clients attending the facility will be required to sit and wait for folders to be processed or to wait for the appropriate time to proceed for further assistance. A large shared waiting area is to be provided to serve the different clinical streams. The main waiting, preferable, to be located against two external walls with windows and views to the outside. The layout should be flexible enough to accommodate patient flow at peak times. Space must be provided for patients with escorts, mothers with children in prams and for patients in wheelchairs. Waiting areas must be provided for maximum airflow and good natural ventilation in the interest of infection control.

SPACE	DESCRIPTION
Public Ablutions	The public toilets should be grouped together for ease of cleaning and general supervision. They should be easily located and well-marked (signposted), close to the main waiting area. Male and female ablutions must be separate. Provide for disabled persons as well, both male and female.
General reception and records counter	On arrival, patients will pass through the clinic security into a general waiting/reception area, where they report to the general reception desk. The reception counter should be clearly visible to those entering the facility. Serving hatches should be provided at standing height for clients with one at wheelchair height.
Records Room	The records store is where the patient files are stored on shelving in numerical order behind the reception clerks. Files are retrieved and issued to clients for record purposes. Fire detection and protection are essential requirements. A fire entrance door is required.
CCMDD	Central Chronic Medicine Dispensing & Distribution (CCMDD) The CCMDD room is to be accessed by patients without them entering the main waiting/reception area. The room will receive and store chronic patient ready packed medication pre-packaged for distribution at a central pharmacy off site. A dispensing window with a secure gate needs to be installed to enable the packs to be issued to the patient over a counter. Appropriate shelving to be installed and a central table for sorting packs. This room must be well secured with a concrete ceiling and steel gates to the door and the hatch. The CCMDD will be conveniently located near the entrance of the clinic so that patients collecting medication do not become involved with the stream of patients who are arriving to attend the clinic.

**Table 4: Chronic Care, Mother & Child and Women's Health**

SPACE	DESCRIPTION
Emergency Room	The Emergency Room is for basic resuscitation and management of emergencies or for preparing patients for urgent referral of serious trauma. This room must be close to the ambulance drop off / collection entrance/
Sub Wait Acute	Sub-waiting area must be well placed at or close to service points. The sub-waiting areas are used by clients that are attending specific services. The sub-waiting area should not block passages but, ideally be recessed so that people can pass each other comfortably especially as people may be in wheel chairs or use walking aids or have young children with them. Maximum natural light and cross ventilation to minimise cross infection is essential and these areas should not be too small. Signage must be clearly posted on the floor and suspended on the ceiling.
Preparation / Vitals Rooms	In the Vitals area, the nurse will monitor and record the patient's vital signs and measurements including weight, height, blood pressure, pulse, blood glucose and haemoglobin count. The design and location of the vitals (preparation) should be between the waiting are and consulting rooms. A measure of privacy is required for sensitive conversation. A desk with a chair for the staff member and a chair for the patients is required with enough space for a pram or patient in a wheelchair. Space is also required for weighing scales, a trolley and a wash hand basin. Access to an outside sputum booth is required.

SPACE	DESCRIPTION
Specimen Collection Toilet	The client may be requested to pass a urine specimen for testing. They will be directed to the specimen collection toilet to produce and collect their sample. The patient will then bring the sample in a disposable or non-disposable container to the nurse who will test the urine. The toilet is to be wheelchair accessible.
Consulting Room	Consulting rooms will be located between the preparation room and the sub-waiting areas initial clinical treatment of outpatients is undertaken from the consulting room. A desk and chair for the clinical staff member with an additional two chairs for patients and escorts is required. A clinical wash hand basin is essential. Allocation for consulting rooms: <b>ACUTE Stream</b> 2 Consulting rooms for acute stream <b>CHRONIC Stream</b> 2 Consulting rooms for chronic stream <b>MCWH (Mother Child women's health) Stream</b> 1 Maternal Health consulting room 1 Child Health consulting room
Treatment Room X1	The treatment room must provide suitable accommodation for procedures such as: Dressings, Injections; This room must have: <ul style="list-style-type: none"> <li>• A clinical wash hand basin, soap and towel dispensers; an examination couch;</li> <li>• Sufficient space for work surfaces, built in cupboards for surgical stock items;</li> <li>• Space for an emergency trolley close to electrical plugs for recharging back up batteries, oxygen cylinders and other mobile equipment;</li> <li>• Good lighting is essential for clinical assessments including focused lighting for treatment.</li> </ul>
Sub Wait Acute	Suitable for mothers and children, including for wheelchairs and prams; The sub-wait will be used by women or parents bringing their babies for growth assessments, vaccinations. Clients attending the reproductive health service may also be required to wait for attention. The sub-waiting area should be on adjacent to the vitals area and in view of the relevant consulting rooms. Provide a secure external child friendly play area accessed off the main Women and Child Health sub-waiting area. An Adolescent and Youth Friendly room to be provided for.
Baby Weighing area Preparation / Vitals Rooms	A baby weighing area is required with a counter top to change and weigh the babies as well as a clinical wash hand basin. Space for the staff member to record the weight is required. This area can be off the child health sub waiting area. The space should be warm and free of drafts as the baby will be undressed examined, measured and weighed on an electronic scale. Bigger children will be weighed on an electronic standing scale.
Preparation / Vitals Room	A standard preparation / vitals area is required for women's health patients. This should be off the sub waiting area
Child Health Consulting Room	Child Health entails the routine examination and growth assessment of babies and children as well as the provision of routine vaccinations and general health care promotion. 1consulting rooms

SPACE	DESCRIPTION
Women's health Consulting	Women's Health care will be provided in this area. This includes: <ul style="list-style-type: none"> <li>Family planning visits and sexually reproductive health (SRH)</li> <li>Consulting room dealing with antenatal and post-natal visits and breast feeding assistance</li> </ul>
Manager's Office	The senior management of the clinic should be centralises to ensure good governance
Community Outreach Office (School Health Team & Ward Based Outreach Teams)	Office space for outreach staff with store attached. This space can be contained in the multipurpose room in which case the storeroom is essential
Clean Utility	Provide for the preparation of injections, packs etc.
Dirty Utility	The space is used for storage of refuse, used and soiled linen. The room should be positioned next to, or near to the sluice and if possible near a utility service door for easy removal and disposal of waste bins and dirty linen. Provides adequate space for the placement of bins in separate refuse areas for paper, medical waste and general waste.
Specimen collection toilet	Wheelchair accessible toilet with hatch to pass specimens through to preparation room for testing.
Store - medicine	General conditions apply as per the IUSS generic room data sheets Medicine room partitioned into medicines and surgical sundries sections Area for fridges (cold chain management) for EPI and General medicines Bulk storage rooms for Medicines and for Surgical sundries.
Store – Clean Linen	
Store - Stationary	
Staff Rest	The area should provide a kitchenette, washbasin, lock-up cupboards, domestic fridge and Hydro boil. Staff toilets and locker space with lockers to be provided. Staff toilet to be adjacent.
Staff Toilet	A separate male and female staff toilet to be provided with separate lobbies to each

**Table 5: Shared Support Rooms**

Laundry	This is incorporated in the dirty utility
General Waste	General waste and medical waste will be placed in separate and clearly marked container and sent to the dirty utility room in the clinic; Area must be covered and secure from monkeys, stray cats, birds and vermin.
Medical Waste	A secured, vermin proof store for medical waste is required with access for collection vehicle.
Gardeners Store	A secure store is required for maintenance equipment e.g. ladders, horse pipe etc. There should be shelves and hooks mounted on the walls.
Gas Store	Provide an outside; secure space to store gas bottles.
Parking	
Engineering Plant rooms	Allow for a main LT board, standby generator
Elevated water tank	Backup water supply

#### **4.2.6. Phasing, Decanting and Incubation Strategies**

- **Phasing**

No phasing has been identified for this project, however future growth of the clinic must be considered.

- **Decanting**

No decanting is required as it is a new facility.

- **Contingencies**

None identified.

- **Redundancies**

None.



## 5. Technical Brief

### 5.1. Detail Scope of Work

#### 5.1.1. External Circulation to site

- New Entrance: One access is preferred for control and security reasons. It will be manned by security staff. The rest of the site will be secured with fencing.

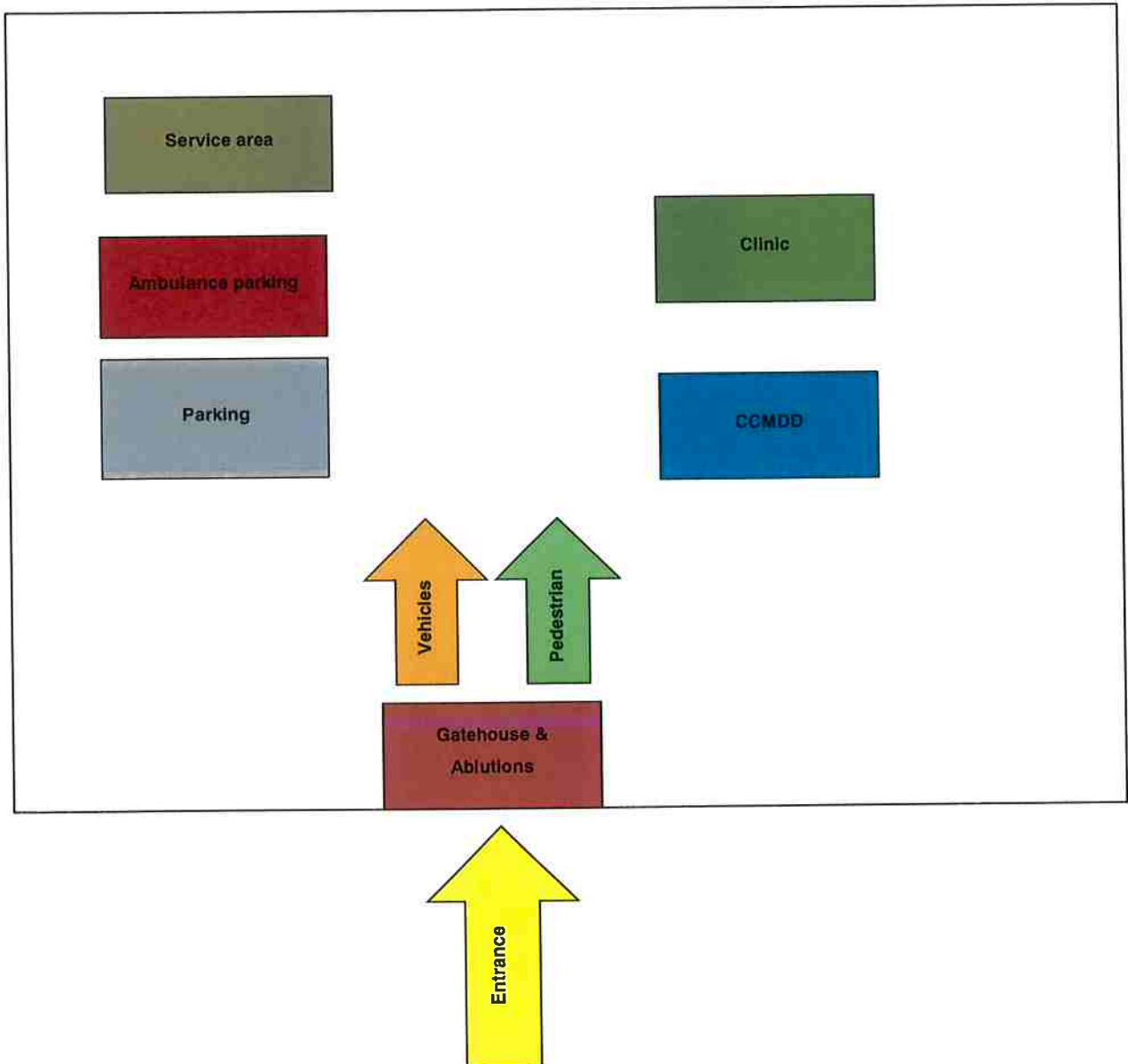


Figure 4: External access to clinic site for public, staff, patients, and visitors

- **Vehicular and Pedestrian Access and Parking:** Vehicular and Pedestrian Access and Parking: The entrance will be designed for vehicular and pedestrian access, separated to allow for searching and control. Parking will be provided for staff and visitors. Ambulance access and parking should be considered for uninterrupted servicing.

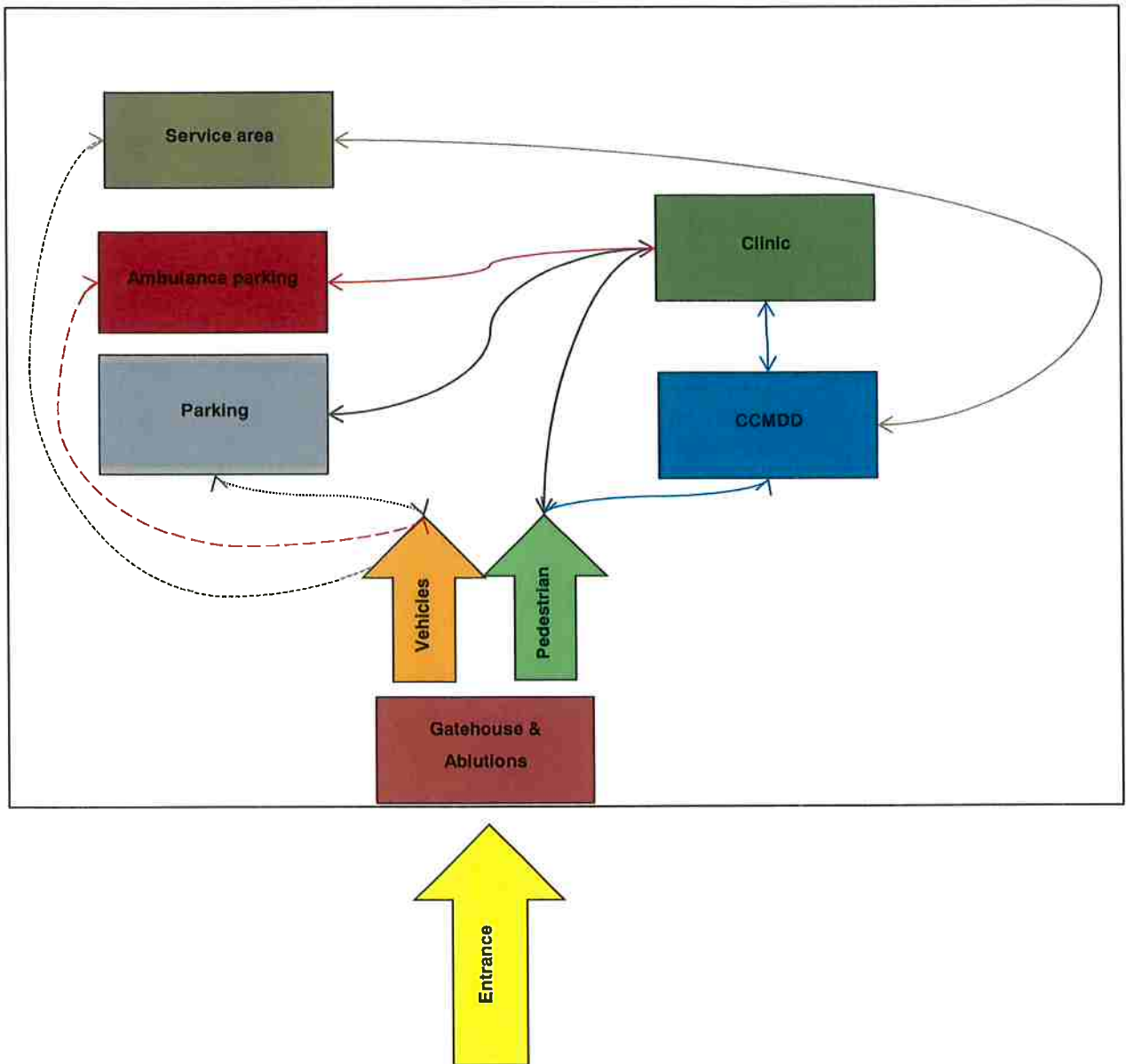


Figure 5: Circulation and movement of public, staff, patients, and visitors

### 5.1.2. Entrance Design

- The Entrance must be designed to clearly define safe access to the facility for both vehicles and pedestrians. These two must be separated and minimise cross traffic. Routes to the parking, services areas and the clinic must be clearly defined.
- The name of the facility, services rendered and time of operation must be clearly displayed.

- The entrance is the face of the clinic and should be designed as such, It must be welcoming, legible and allow easy navigation between the gate and reception of the clinic.
- Sufficient lighting to be provided at night and the pedestrian access must be universally accessible from the access road.
- Entrance design is to facilitate for shelter of patients waiting at the entrance before and after their clinic visit.
- Standard building materials are to be used and the gates are to be of robust construction with strong security locking mechanisms.

#### **5.1.3. Security and Access control**

- Security and access control designs must conform to the KwaZulu-Natal Department of Health security policies.
- All windows to be fitted with suitable burglar bars and all doors with approved security gates where appropriate. Fire escape routes to have appropriate security systems. All buildings to be fitted with an alarm system link to the security room and where required linked to armed response.
- The gate house must house security which will include a reception counter, gun safes and a private search room. All visitors will be required to sign in when visiting the facility. A 270° view must be provided from the security room and access to be under cover to protect visitors from inclement weather.
- A security station is to be included into the help desk inside the clinic.
- The perimeter of the clinic is to be fenced with an approved fence and have sufficient perimeter lights. All pathways to be universally accessible and will be lit by robust bollards of acceptable design.

#### **5.1.4. Orientation and Rational Planning Principals**

- Architectural character of the clinic must consider local environment; grade of contractor, availability of materials for construction and maintenance. The design should consider clinical requirements and capital, and recurrent budget considerations by utilising simple / conventional construction methods and using standard, commonly available materials.
- The building design should respond to local climate in the design of the external envelope; roof and windows in order to ensure passive climate control, adequate comfort levels, maximising natural light and ventilation. Energy and resource efficiency should be considered eg. Rainwater harvesting
- The three streams of the Ideal Clinic areas should be clearly legible and designed in a way that the building could be phased and extended if need arises in the future.

Colour is used as a means of wayfinding and identification in this model. This identity is to be followed through signage and identification of spaces within the facility. Figure 6 shows the breakdown of services offered within the four streams of care. Also included is a shot description of each service. Refer to ideal clinic ICSM manual for detail of patient flow.

The three streams of the Ideal Clinic areas are placed as wings off the central spine with courtyard areas in between to allow for cross ventilation. Each wing is kept as narrow as possible and has a central passage ending in a door which can serve both as ventilation, light penetration and fire escape.

- External spaces must be considered and integrated with the internal spaces. External waiting and play spaces must be included in the design, allowing adequate oversight and control, especially considering safety of play spaces.
- Space norms and room design has been guided by the Ideal Clinic standard documents and accommodation list. Should deviation be required, it should be considered through the concept design stage of work.
- The design of the building should be appropriate for the functions intended to be carried out within the spaces designed.
- The building must be designed ergonomically.
- Garden areas to be planted with low maintenance indigenous plants and should be utilised to improve the indoor environment through views and other connection.
- Windows and doors must be robust, consider security and privacy.
- Administrative and staff areas should be designed in order to provide privacy and suitable control and security to the areas. Special consideration should be given to the medicine store being climatically controlled and secure.
- Compliance with quality assurance principals  
The clinic will be fully compliant with quality assurance principals as per the Ideal clinic requirements
- Finishes used will be the KZN-DOH standard finishes which will allow for creativity in colour, finishes and textures whilst complying to all Infection control principals thereby ensuring that the functional and aesthetic requirements of furniture and fittings, fabric and finishes are met. Colour and art should be considered for walls and floors.
- Use of latest technology and innovations to aid in healing

#### **5.1.5. Building and Engineering Services**

The following engineering systems must be considered and will generally be site specific:

- Mechanical Services
  - HVAC
- Electrical Services
  - Electricity
  - Backup/Emergency Systems
    - UPS and
    - Emergency Generator
  - High Tension Substations (HT) – if required
  - Low Tension Substations (LT) – if required

- Lightning Protection
- Civil Engineering
  - Water
    - Potable water
    - Fire Water
  - Sewer
  - Storm water
  - Grey water
- Other Bulk Services
  - ICT - network and cabling
  - Electronics - access control
  - Telecommunications
  - IT Communication

Green initiatives must be considered and may include:

- Solar
- Water harvesting, saving and recovery systems
- Energy efficiency equipment and fittings
- Landscaping

The project must achieve a minimum of a 4 star Green Building rating

### 5.1.6. Unit Configuration Principals

The following are the spatial layout for the clinic building/s.

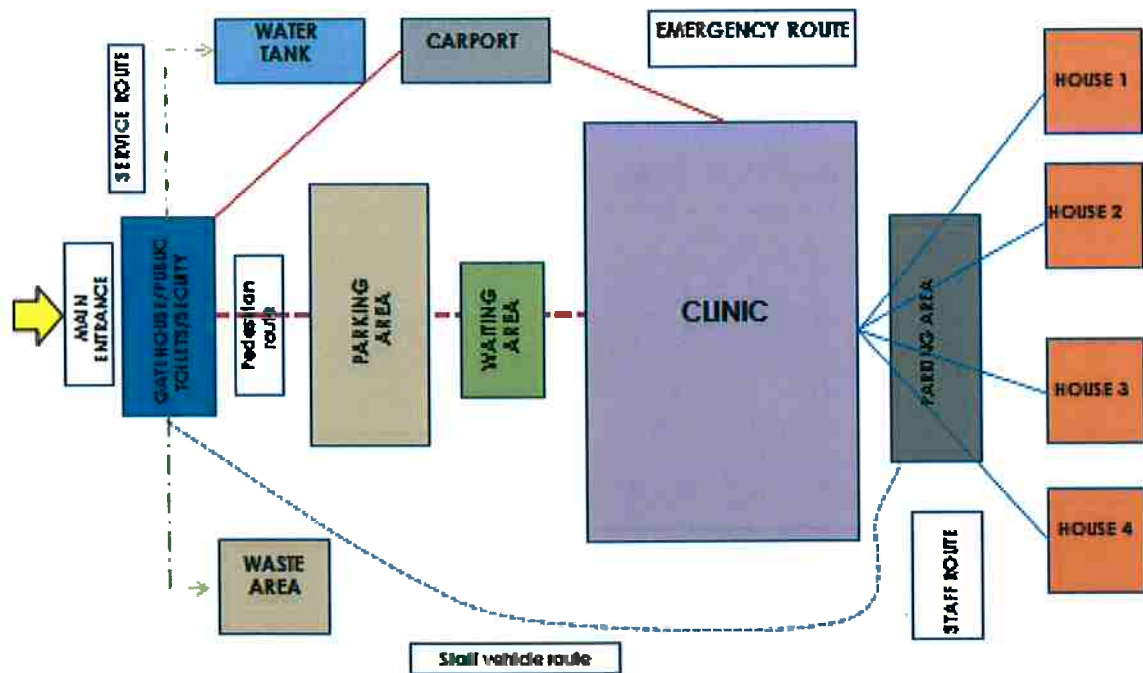


Figure 6: Spatial layout for the clinic building/s

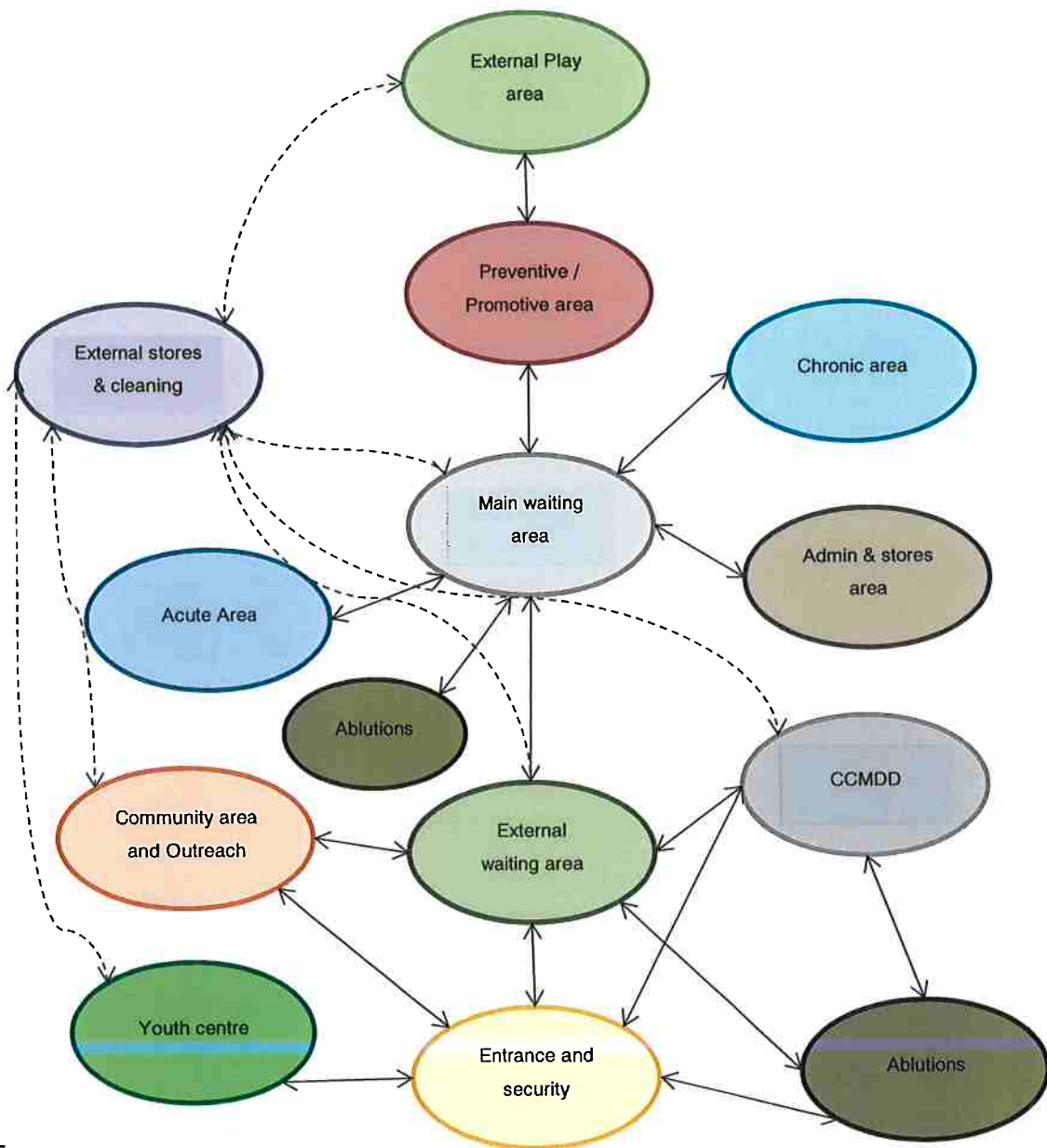


Figure 7: Spatial layout for the clinic building/s

### 5.1.7. Critical departmental relationships:

One of the key outputs of the ideal clinic model, is the establishment of four streams of care, into which different services fall. These services are delivered in two different ways; either as planned appointments, or unplanned visits for patients without appointments as shown in figure below.

#### THE ICSM MODEL INVOLVES ORGANISING THE FACILITY INTO STREAMS

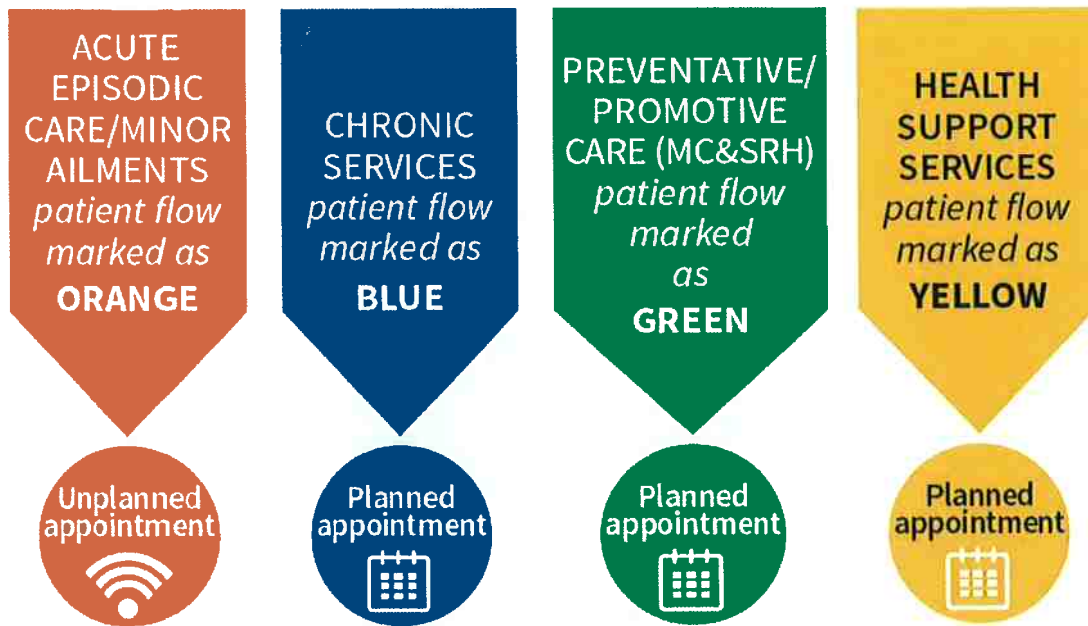


Figure 8 Ideal Clinic Streams of care (Source: Ideal Clinic ICSM manual)

Colour is used as a means of way finding and identification in this model. This identity is to be followed through into the signage and identification of spaces within the facility. Figure 6 shows the breakdown of services offered within the four streams of care. Also included is a short description of each service. Refer to Ideal clinic ICSM manual for detail of patient flow.

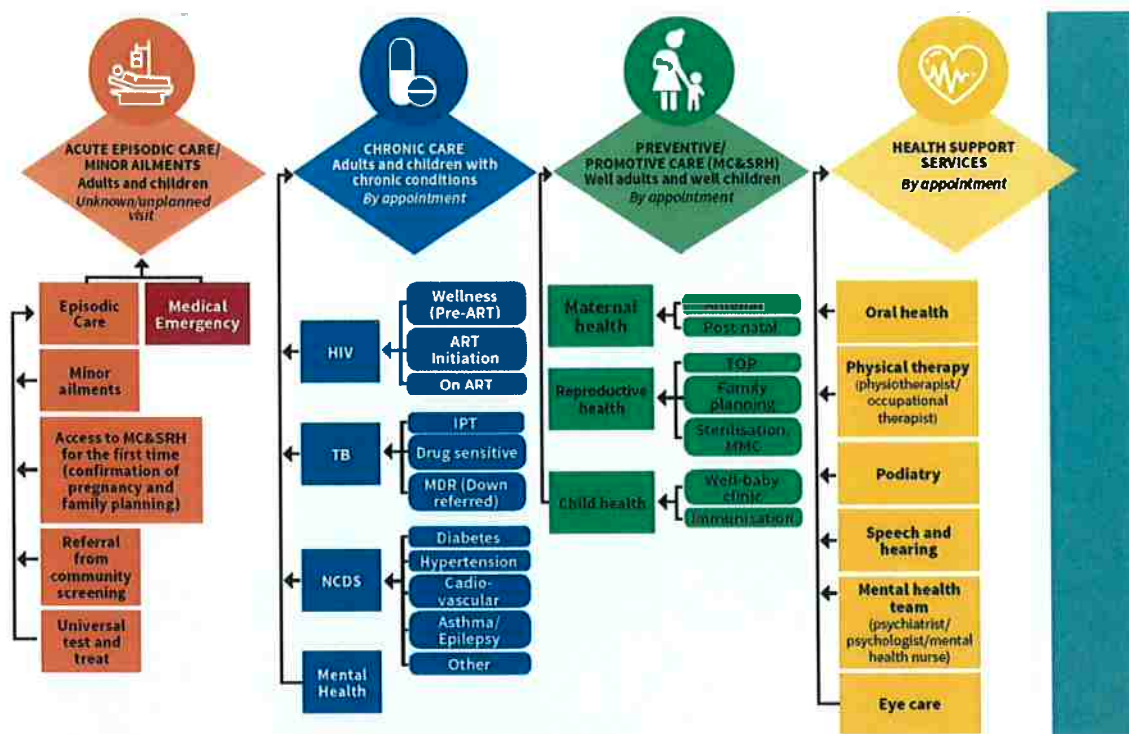


Figure 9 Stream breakdowns (Source: Ideal Clinic ICSM manual)



### ACUTE EPISODIC CARE/MINOR AILMENTS

Some patients may arrive at the PHC facility without appointments and will therefore be unknown, or unplanned. If they present as medical emergency patients or want to access MC & SRH for the first time or for universal test and treat or for episodic care or minor ailments, they will be categorised and seen as part of the Acute Episodic Care and Minor Ailments stream.



### CHRONIC CARE PATIENT FOR REVIEW

Patients known to have a chronic or long term condition (either communicable or non-communicable) and who attend the facility for HIV, TB, NCDS or mental health reasons for planned appointments will be categorised and seen as part of the Chronic Care stream.



### PREVENTATIVE/PROMOTIVE CARE

Patients visiting within the Preventive/ Promotive care (MCH &SRH) stream of health for either maternal health, child health (well-baby and immunisation) and; sexual reproductive health services will have an appointment (unless it is their first visit, in which case they will not be scheduled and will be seen in Acute episodic stream).



### HEALTH SUPPORT VISITS

Health support stream patients visiting the facility for the first time will be unplanned, and therefore not have appointments and will be seen in Acute episodic stream and redirected as necessary and subsequent visits will usually be planned and by appointment

(Source: Ideal Clinic ICSM manual)



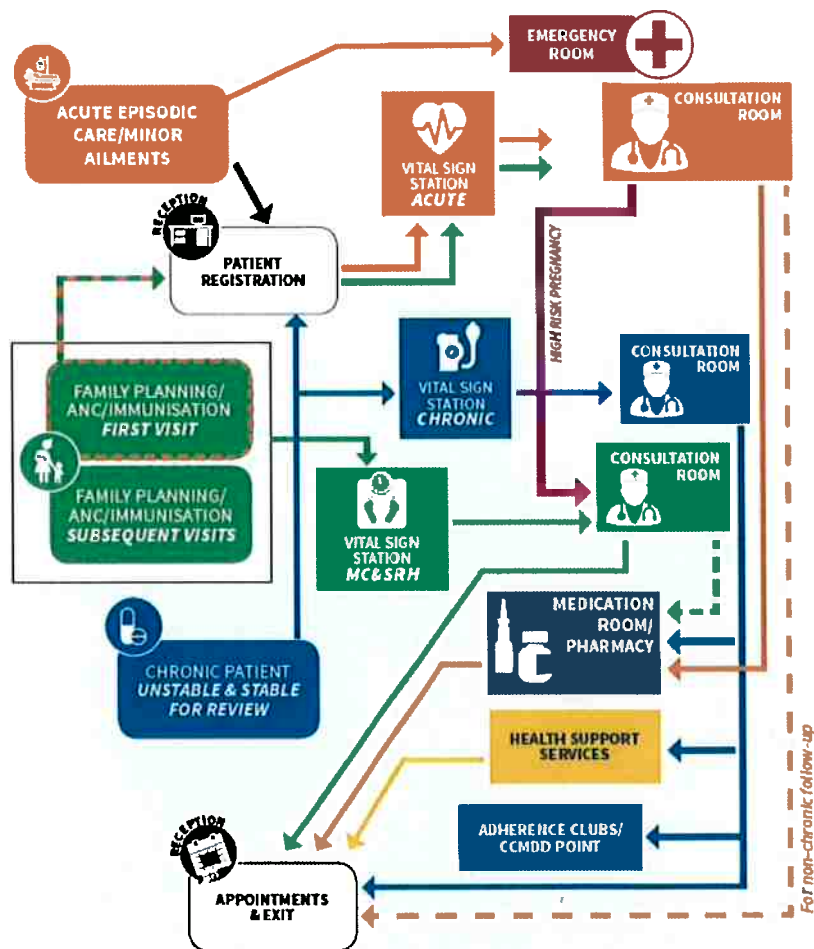


Figure 10 Process flow of patients based on service organisation into streams (Source: Ideal Clinic ICSM manual)

### 5.1.8. Accommodation schedule

The following accommodation schedule has been developed:

Table 6: Proposed accommodation schedule

Room/area	No	Size	Total	Deviation	Notes
		m <sup>2</sup>	m <sup>2</sup>		
<b>Guardhouse Block</b>	1		<b>33</b>		Excluding Under cover areas
Security reception/scanning	1	8	8		Can include wake-thru scanner
Security room	1	6	6		
Private search room	1	5	5		Contain gun safes
Kitchenette	1	6	6		
Toilet and locker area	1	8	8		Toilet is unisex
<b>Public Ablutions</b>			<b>13</b>		
Male	1	4	4		
Female	1	4	4		
Disabled toilet	1	5	5		To include nappy change station
<b>Main Block</b>	1		<b>207</b>		
Help desk/security	1	9	9		

Room/area	No	Size	Total	Deviation	Notes
		m <sup>2</sup>	m <sup>2</sup>		
Central Waiting area	1	60	60		
Open play area	1	9	9		
Vitals room	1	8	8		
Reception with cubicles	1	10	10		2 booths with privacy screens. 1 booth disabled friendly
Records room	1	12	12		
Data Capturers	1	9	9		
Manager's office	1	12	12		
Staff room	1	12	12		
Kitchenette	1	4	4		Can be combined with staff room
Staff ablutions	1	12	12		Toilets is unisex
Equipment store	1	8	8		
Stationery	1	4	4		
Surgical & Dry goods store	1	9	9		
Medicine store	1	15	15		
CCMDD	1	8	8		
UPS / Server	1	6	6		
<b>Minor Ailments Block</b>	<b>1</b>		<b>65</b>		
Sub-waiting	1	16	16	Addition of small play area	
Open play area	1	4	4		
Vitals room	1	6	6		
Consulting room	2	16	32	No counselling, only consulting	
Sputum	1	4	4	Reduce from 2 to 1	
Disabled toilet	1	3	3		
<b>Chronic Care Block</b>	<b>1</b>		<b>78</b>		
Sub-waiting	1	16	16		
Open play area	1	4	4	Addition of small play area	
Vitals room	1	6	6		
Consulting room	2	16	32		
Counselling room	1	16	16		
Sputum	1	4	4	Reduced from 2 to 1	
<b>Preventive &amp; Promotive Block</b>	<b>1</b>		<b>94</b>		
Sub-waiting	1	16	16		
Open play area	1	4	4		Under cover
External play area	1	12	12		
Vitals room	1	6	6		
Reproductive Consulting room	1	16	16		These rooms can be interchangeable
Child Consulting room	1	16	16		
Child Consulting rooms	1	16	16		
Counselling room	1	16	16		Can be used for Counselling rooms, Nutrition rooms,

Room/area	No	Size	Total	Deviation	Notes
		m <sup>2</sup>	m <sup>2</sup>		
					Immunisation rooms or Allied service clinics
Mother's room	1	8	8		Can have multi-use
<b>Service block</b>	<b>1</b>		<b>83</b>		
Public Ablutions					
Male	1	3	3		
Female	1	3	3		
Disabled toilet	1	4	4		To include nappy change station
Emergency room	1	20	20	Additional	Can be used for emergency Labour / MMC
Porter's alcove	1	3	3	Additional	
Linen store	1	3	3	Additional	
Cleaner's store	1	5	5		
Cleaner's restroom	1	12	12	Additional	To be shared with Garden staff
Cleaner's Ablutions					
WC	1	3	3	Additional	To be shared with Garden staff
Shower	1	3	3	Additional	To be shared with Garden staff
Dirty utility	1	12	12		
Clean Utility	1	12	12		
<b>External Store block</b>	<b>1</b>		<b>38</b>		
Yard	1	16	16		
Laundry	1	3	3	Additional	
Garden store	1	6	6		
General waste	1	12	12		
Medical waste	1	6	6		
Gas store	1	6	6		
<b>Youth &amp; After hours service centre</b>	<b>1</b>		<b>99</b>		
Youth				Additional	
Consulting room	1	16	16		
Counselling	1	10	10		
Store	1	2	2		
Toilet	1	3	3		
Waiting area	1	9	9		
After Hours				Additional	
Community Outreach	1	24	24		
Store	1	3	3		
Kitchenette	1	4	4		
Disabled toilet	1	3	3		
Toilet	1	2	2		
Store	1	3	3		
Boardroom	1	20	20		

Room/area	No	Size	Total	Deviation	Notes
		m <sup>2</sup>	m <sup>2</sup>		
<b>Total</b>			<b>710</b>		<b>Excluding Outside waiting areas &amp; circulation</b>
<b>Accommodation</b>					
<b>2-bed Unit</b>			<b>45</b>		
Bedroom Main	1	13	13		
Bedroom Single	1	6	6		
Bathroom	1	4	4		
Shower	1	4	4		
Lounge	1	12	12		
Kitchen	1	6	6		
<b>3-bed Unit</b>	<b>2</b>		<b>64.2</b>		
Bedroom	3	10	30		
Bathroom	1	5.4	5.4		
Toilet	1	2.3	2.3		
Lounge / Dining	1	20	20		
Kitchen	1	6.5	6.5		

#### 5.1.9. KZN-DOH Area requirement and related costing guidance

All area requirements and related cost guidance to comply with latest Ideal Facility, IUSS guidelines and estimators.

#### 5.1.10. Specifications for the use of materials in the building

Final Ideal clinic Materials guidelines have not been yet been finalised and published, therefore all materials will comply with IUSS guidelines and the KZN specifications documents.

#### 5.1.11. Security and Access control

- Security and access control designs must conform to the KwaZulu-Natal Department of Health security policies. Security Services to be consulted for context specific requirements.
- All windows to be fitted with suitable burglar bars and all doors with approved security gates. Fire escape routes to have appropriate security systems. All buildings to be fitted with an alarm system link to the security room and where required linked to armed response.
- The gate house will house security which will include a reception counter, gun safes and a private search room. All visitors will be required to sign in when visiting the facility. A 270° view must be provided from the security room and access to be under cover to protect visitors from inclement weather.
- A security station will be included into the help desk inside the clinic.

- The perimeter of the clinic will be fenced with an approved fence and have sufficient perimeter lights. All pathways to be universally accessible and will be lit by robust bollards of acceptable design.

#### **5.1.12. Branding/aesthetic design preferences and requirements**

Branding is to comply with KZN-DOH corporate branding as well as Ideal Clinic guidelines.

The aesthetic design preferences and requirements have been described under the scope of the project.

#### **5.2. Comparative Examples**

There are currently no built comparative examples, however the New Medium Prototype Clinic should be used as reference.

## 6. Project / Programme Management and Cost control

### 6.1. Project Management

NO PROJECT CAN PROCEED UNTIL THE IDMS STAGE HAS BEEN SIGNED OFF BY THE APPROPRIATE COMMITTEE – Please refer to Departmental Infrastructure Standard Operating Procedures (SOPS)

The following FIDPM stages are envisaged to be applicable to this project, however the implementing agent is encouraged to investigate alternative contracting strategies to ensure the project is implemented as soon as possible:

#### Stage 1 PROJECT INITIATION / PREFEASIBILITY

##### Stage 1 B

- Deliverable Project brief approved

#### PROCUREMENT OF CONTRACTOR

#### Stage 2 CONCEPT / FEASIBILITY

Deliverable: Concept and viability report approved

#### Stage 3 DESIGN DEVELOPMENT

Deliverable: Design development report approved

#### Stage 4 DESIGN DOCUMENTATION

Deliverable: Design documents report approved

#### Stage 5 WORKS

Deliverable: Works completion report approved

#### Stage 6 HANDOVER

- Deliverable Handover / Record information report approved (Hand over here refer to handover to client once ready for use)

#### Stage 7 CLOSE OUT

- Deliverable Close out report is accepted

### NOTE

**1. It is required that the procurement documents for the project be presented to the Health Infrastructure Approval Committee (HIAC)**

### 6.1.1. Project Management Plan / Resource Management

The following Project Management plan is a guideline.

**Table 7: Proposed Project Plan**

ITEM	ELEMENTS
Needs Assessment/Analysis:	This project cannot be undertaken utilising only in-house skills due to insufficient capacity. It is recommended that an Implementing Agent be appointed to manage the project. Furthermore, it is not expected that the Implementing Agent will have the necessary skills to undertake this project in-house and therefore it is envisaged that Professional Service Providers will be appointed.
Brief:	The Implementing Agent is required to manage the implementation of the project (as per the current SLA) to successful completion within time, cost and to the required specification and to manage <u>all</u> project associated risks for minimum impact.
Consultancy Brief:	The Consultant team:- Are to manage the project to successful completion within time, cost and to the required specification and to manage project associated risks for minimum impact. <ul style="list-style-type: none"> <li>• Must develop, design, document, manage and close the project</li> <li>• May not proceed with any stage (IDMS) of the work until the KZN-DOH is satisfied with the stage of the project.</li> <li>• Must clarify any uncertainties, discrepancies, etc to the satisfaction of KZN-DOH</li> <li>• Is expected to deliver a well-designed, cost effective, low maintenance facility that will suit the needs of the x community and KZN-DOH</li> <li>• Must adhere to the timeframes for the work to be completed as presented.</li> </ul>
Evaluation and Engagement:	<ul style="list-style-type: none"> <li>• The project may not proceed to any stage until KZN-DOH is satisfied with the current stage (wherever that is) of the project;</li> <li>• KZN-DOH will follow the IDMS principles for approval and evaluation</li> </ul>

### 6.1.2. Project Risk Plan

Informed decision-making is critical to the success of any project. Crucial to this success is the identification of risks and how they will be managed. The following risks have been identified prior to the projects start. These risks are not all inclusive and will be reviewed as the project progresses.

The following is some of the risk identified. However it is required that the Implementer develop a full risk plan. This is not an inclusive list and must be reviewed at each stage.

**Table 8: Risk Log**

Risk	Owner	Probability (low/med/ high)	Consequence (L/M/H)	Actions
Land is not subdivided in line with the building program	DoPW	Low	High	DoPW Real Estate to be engaged by the project team to ensure it is subdivided in good time
Community Disruption of project process	DoH District	Low	High	District to maintain contact with the community to ensure support remains

### 6.1.3. Occupational Health and Safety Baseline plan

- 6.1.3.1. The project must comply with the requirements of the Occupational Health & Safety Act 85 of 1993 and its regulations.
- 6.1.3.2. A Construction Work Permit is required as the intended work will:
  - Exceed 365 days and will involve more than 3600 persons days of construction work; or
  - The tender limit is grade 7; 8 or 9 of the Construction Industry Development Board (CIDB) grading.
- 6.1.3.3. A client who intends to have construction work carried out; must at least 30 days before that work is to be carried out, apply to the provincial director in writing for construction work permit to perform construction work.
- 6.1.3.4. For projects that require a Construction work permit; a Health & Safety Agent must be appointed.

### 6.2. Communication Plan

The following plan is a guideline.

- Strategies

In order to ensure good communication, frequent engagement will take place though out the project life cycle. The engagements include:

- Stakeholder engagement meetings
- Planning meetings
- Update meetings
- Report back meetings
- Site meetings
- No media communication except by KZN-DOH Communication

- Methodologies

Communication will be done though the following methods:

- Meetings
- Minutes
- Telecommunication
- E-mails
- Reports
- Letters
- Feedback information

- Delivery

Communication will be delivered through:

- Telecommunication
- E-mails
- Postal services
- Internal registry services

- Personnel

Communication will be between KZN-DOH Infrastructure Development (KZN-DOH ID) and:-

- KZN-DOH Head Office sections
- KZN-DOH uMgungundlovu District
- Edendale Hospital
- Implementing Agent
- Consultant team



Communication is expected to take place between:

- KZN-DOH uMgungundlovu District and Community
- KZN-DOH ID and IA
- IA and Consultants
- IA and Edendale Hospital
- IA and Contractor/s
- Between Consultants

### 6.3. Project Milestones

Table 9: MILESTONES and TASKS

Professional Milestones	FIDPM	Milestone	Date	% Project Complete
		PROJECT START DATE	14/06/2002	0%
Stage 1	Stage 1A Stage 1B	PRE-FEASIBILITY / BRIEF	31/03/2021	3%
		TENDER	31/10/2021	30%
Stage 2 Stage 3 Stage 4	Stage 2 Stage 3 Stage 4	FEASIBILITY / CONCEPT DESIGN	28/02/2022	40%
Stage 5	Stage 5	CONSTRUCTION	28/02/2023	81%
		Construction 0 - 25%	31/05/2022	51%
		Construction 26 - 50%	31/09/2022	61%
		Construction 51 - 75%	30/11/2022	70%
		Construction 76 - 100%	28/02/2023	81%
		PRACTICAL COMPLETION	07/03/2023	81%
	Stage 6	HANDED OVER	07/04/2023	84%
	Stage 5	WORKS COMPLETION	07/04/2023	91%
Stage 6	Stage 7	FINAL COMPLETION	30/06/2024	96%
		CLOSE OUT	30/06/2024	100%

### 6.4. Project Cost Breakdown

The project cost is made up of the following elements:

- Infrastructure component
  - Building and related infrastructure bulk services
  - HT (furniture, medical equipment, IT hardware and software, linen & crockery and cutlery)
- Operating costs

The Project Leader and Project Manager are responsible to ensure that necessary controls are in place and that the budgets are not exceeded without a fully motivated and approved submission to the CFO and HOD.

#### 6.4.1. Construction estimated cost

Building Cost (incl. VAT)		
Funding source		
Budgetary Item	Amount	Explanatory Notes
Current Estimated Building Cost	25 602 680	2020
Contingency	1 656 315	5% provision
Pre-tender escalation	2 201 830	8.6%
Post-tender escalation	1 000 962	3.6%
Estimated Fees	4 320 821	15%
<b>Estimated Building Cost (incl. VAT)</b>	<b>40,000,000.00</b>	
<b>Estimated Building Rate per m<sup>2</sup> (incl. VAT)</b>	<b>40,000.00</b>	Based on 1000sqm

#### 6.4.2. Health Technology estimated cost

HTS list is to be developed. No HTS items are included in the Infrastructure Budget

- Draft list is provided below

Table 10: Clinical space HTS list

SECTION	ROOM	ITEM DESCRIPTION	QUANTIT Y	ESTIMATED COST	
				Per each	Total
Guardhouse Block	Security room	Telephone	1	R500.00	R500.00
		Table	1	R2 500.00	R2 500.00
		Office chairs	1	R1 500.00	R1 500.00
		Visitor's chair	2	R800.00	R1 600.00
	Private search room	gun safe	1	R5 000.00	R5 000.00
		Security scanner	2	R1 500.00	R3 000.00
	Kitchenette	4 Seater table with chairs	1	R3 000.00	R3 000.00
		Kettle	1	R300.00	R300.00
		Microwave	1	R1 500.00	R1 500.00
		Pedal bin	1	R500.00	R500.00
		Wall clock	1	R300.00	R300.00
		Fridge 110L	1	R1 800.00	R1 800.00
	Toilets and locker area	Bin pedal	1	R500.00	R500.00
		Staff lockers	10	R2 000.00	R20 000.00
Lavatory brush		1	R100.00	R100.00	
Public ablution	Male	Bin pedal	1	R500.00	R500.00
		Lavatory brush	1	R100.00	R100.00
	Female	Bin pedal	1	R500.00	R500.00
		Lavatory brush	1	R100.00	R100.00
	Disable toilet	Bin pedal	1	R500.00	R500.00
		Lavatory brush	1	R100.00	R100.00
Main Block	Help desk security	Telephone	1	R500.00	R500.00
		Bin pedal	1	R500.00	R500.00
		Office chairs	1	R1 500.00	R1 500.00
	Central waiting area	Waiting area chairs	30	R800.00	R24 000.00
		Water dispensor	1	R3 000.00	R3 000.00
		Wall clock	1	R300.00	R300.00
		Bin - pedal, stainless steel 20 litre	2	R1 000.00	R2 000.00
	Vitals room	Table	1	R2 500.00	R2 500.00
		Office chairs	1	R1 500.00	R1 500.00
		Visitor's chair	2	R800.00	R1 600.00
		Defibrillator	1	R100 000.00	R100 000.00
		Emergency Trolley	1	R40 000.00	R40 000.00
Schedule drug cupboard		1	R5 000.00	R5 000.00	

SECTION	ROOM	ITEM DESCRIPTION	QUANTIT Y	ESTIMATED COST	
				Per each	Total
		Scale, Electronic	1	R5 000.00	R5 000.00
		Heamoglobin meter	2	R2 000.00	R4 000.00
		Cholesterol meter	2	R2 000.00	R4 000.00
		Scale, Wheelchair	1	R1 000.00	R1 000.00
		BP Machine	1	R15 000.00	R15 000.00
		Glucometer	2	R500.00	R1 000.00
		Wheel Chairs	1	R5 000.00	R5 000.00
		Stretchers	1	R6 000.00	R6 000.00
		Curtains/ Blinds	1	R6 000.00	R6 000.00
	Reception with cubicles	Computer	2	R15 000.00	R30 000.00
		Notice Board	1	R1 000.00	R1 000.00
		Office chairs	2	R1 500.00	R3 000.00
		Clock	1	R300.00	R300.00
		Water dispenser	1	R3 000.00	R3 000.00
	Record room	shelving	1	R4 000.00	R4 000.00
		Office chairs	1	R1 500.00	R1 500.00
		ladder 2 step	1	R1 500.00	R1 500.00
	Data captures	Desk	1	R2 500.00	R2 500.00
		Office chairs	1	R1 500.00	R1 500.00
		Bin, Pedal	1	R500.00	R500.00
		Computer	1	R15 000.00	R15 000.00
		blinds/ Curtains	1	R1 000.00	R1 000.00
		Telephone	1	R500.00	R500.00
	Manager's office	Chair, Visitors	2	R800.00	R1 600.00
		Desk	1	R2 500.00	R2 500.00
		Office chair	1	R1 500.00	R1 500.00
		Cabinet, Filing	1	R3 000.00	R3 000.00
		Bin, Pedal	1	R500.00	R500.00
		Notice Board	1	R1 000.00	R1 000.00
		Computer	1	R15 000.00	R15 000.00
		blinds/ Curtains		R1 000.00	R0.00
		Wall clock	1	R300.00	R300.00
		Printer	1	R3 000.00	R3 000.00
	Staff room	Table	2	R2 500.00	R5 000.00
		chairs	4	R800.00	R3 200.00
		Fridge 110L	1	R1 800.00	R1 800.00
		Bin, Pedal	1	R500.00	R500.00
		Kettle	1	R300.00	R300.00
	Kitchenette	4 Seater table with chairs	1	R3 000.00	R3 000.00
		Kettle	1	R300.00	R300.00
		Pedal bin	1	R500.00	R500.00

SECTION	ROOM	ITEM DESCRIPTION	QUANTIT Y	ESTIMATED COST	
				Per each	Total
		Microwave	1	R1 500.00	R1 500.00
		Wall clock	1	R300.00	R300.00
		Fridge 110L	1	R1 800.00	R1 800.00
	Staff ablutions	Bin pedal	2	R500.00	R1 000.00
		Lavatory brush	1	R100.00	R100.00
	Equipment store	shelving	1	R4 000.00	R4 000.00
		ladder 2 step	1	R1 500.00	R1 500.00
	Stationery	shelving	1	R4 000.00	R4 000.00
		ladder 2 step	1	R1 500.00	R1 500.00
	Surgical and dry goods store	shelving	1	R4 000.00	R4 000.00
		ladder 2 step	1	R1 500.00	R1 500.00
	Medicine store	shelving	1	R4 000.00	R4 000.00
		Medicine fridge	1	R50 000.00	R50 000.00
	CCMDD	Medicine fridge 260 litre	1	R50 000.00	R50 000.00
		Shelves - floor standing	1	R4 000.00	R4 000.00
		Wall mounted digital thermometer	2	R500.00	R1 000.00
		Brazaier bins (small)	2	R100.00	R200.00
		Brazaier bins (medium)	2	R150.00	R300.00
		Brazaier bins (large)	2	R200.00	R400.00
		Telephone	1	R500.00	R500.00
	Clock - wall, battery	1	R120.00	R120.00	
<b>Minor Ailments Block</b>	Sub waiting area	Waiting area chairs	8	R800.00	R6 400.00
		Water dispenser	1	R3 000.00	R3 000.00
		Wall clock	1	R300.00	R300.00
		Bin - pedal, stainless steel 20 litre	1	R1 000.00	R1 000.00
	Vitals room	Table	1	R2 500.00	R2 500.00
		Office chairs	1	R1 500.00	R1 500.00
		Visitor's chair	2	R800.00	R1 600.00
		Scale, Electronic	1	R5 000.00	R5 000.00
		Heamoglobin meter	2	R2 000.00	R4 000.00
		Cholesterol meter	2	R2 000.00	R4 000.00
		Scale, Wheelchair	1	R1 000.00	R1 000.00
		BP Machine	1	R15 000.00	R15 000.00
		Glucometer	2	R500.00	R1 000.00
		Wheel Chairs	1	R5 000.00	R5 000.00
		Stretchers	1	R6 000.00	R6 000.00
		Curtains/ Blinds	1	R6 000.00	R6 000.00
	Consultation room	Desk	3	R2 500.00	R7 500.00
		Office chair	3	R1 500.00	R4 500.00
		Cabinet, Filing	3	R3 000.00	R9 000.00

SECTION	ROOM	ITEM DESCRIPTION	QUANTIT Y	ESTIMATED COST		
				Per each	Total	
		Couch, Examination	3	R2 500.00	R7 500.00	
		Bin, Pedal	3	R500.00	R1 500.00	
		Foot Stool	3	R500.00	R1 500.00	
		Paper Towel Dispenser	3		R0.00	
		Computer	3	R15 500.00	R46 500.00	
		BP Machine	3	R15 000.00	R45 000.00	
		Diagnostic Set, Wall mounted	3	R7 000.00	R21 000.00	
		Lamp, Examination	3	R40 000.00	R120 000.00	
	Sputum	Soap Dispenser	1	R200.00	R200.00	
		Paper towel holder	1	R300.00	R300.00	
	Disable toilet	Bin pedal	2	R500.00	R1 000.00	
		Lavatory brush	1	R100.00	R100.00	
	Chronic care block	Sub waiting area	Waiting area chairs	8	R800.00	R6 400.00
			Water dispensor	1	R3 000.00	R3 000.00
			Wall clock	1	R300.00	R300.00
Bin - pedal, stainless steel 20 litre			1	R1 000.00	R1 000.00	
Vitals room		Table	1	R2 500.00	R2 500.00	
		Office chairs	1	R1 500.00	R1 500.00	
		Visitor's chair	2	R800.00	R1 600.00	
		Scale, Electronic	1	R5 000.00	R5 000.00	
		Heamoglobin meter	2	R2 000.00	R4 000.00	
		Cholesterol meter	2	R2 000.00	R4 000.00	
		Scale, Wheelchair	1	R1 000.00	R1 000.00	
		BP Machine	1	R15 000.00	R15 000.00	
		Glucometer	2	R500.00	R1 000.00	
		Wheel Chairs	1	R5 000.00	R5 000.00	
		Stretchers	1	R6 000.00	R6 000.00	
Curtains/ Blinds		1	R6 000.00	R6 000.00		
Consultation room		Desk	3	R2 500.00	R7 500.00	
		Office chair	3	R1 500.00	R4 500.00	
		Cabinet, Filing	3	R3 000.00	R9 000.00	
		Couch, Examination	3	R2 500.00	R7 500.00	
		Bin, Pedal	3	R500.00	R1 500.00	
		Foot Stool	3	R500.00	R1 500.00	
		Paper Towel Dispenser	3		R0.00	
		Computer	3	R15 500.00	R46 500.00	
		BP Machine	3	R15 000.00	R45 000.00	
		Diagnostic Set, Wall mounted	3	R7 000.00	R21 000.00	
		Lamp, Examination	3	R40 000.00	R120 000.00	
Sputum		Soap Dispenser	1	R200.00	R200.00	

SECTION	ROOM	ITEM DESCRIPTION	QUANTIT Y	ESTIMATED COST	
				Per each	Total
		Paper towel holder	1	R300.00	R300.00
Preventive & Promotive Block	Sub waiting area	Waiting area chairs	8	R800.00	R6 400.00
		Water dispensor	1	R3 000.00	R3 000.00
		Wall clock	1	R300.00	R300.00
		Bin - pedal, stainless steel 20 litre	1	R1 000.00	R1 000.00
	Vitals room	Table	1	R2 500.00	R2 500.00
		Office chairs	1	R1 500.00	R1 500.00
		Visitor's chair	2	R800.00	R1 600.00
		Scale, Electronic	1	R5 000.00	R5 000.00
		Heamoglobin meter	2	R2 000.00	R4 000.00
		Cholesterol meter	2	R2 000.00	R4 000.00
		Scale, Wheelchair	1	R1 000.00	R1 000.00
		BP Machine	1	R15 000.00	R15 000.00
		Glucometer	2	R500.00	R1 000.00
		Wheel Chairs	1	R5 000.00	R5 000.00
		Stretchers	1	R6 000.00	R6 000.00
		Curtains/ Blinds	1	R6 000.00	R6 000.00
	Consultation room	Desk	2	R2 500.00	R5 000.00
		Office chair	2	R1 500.00	R3 000.00
		Cabinet, Filing	2	R3 000.00	R6 000.00
		Couch, Examination	2	R2 500.00	R5 000.00
		Bin, Pedal	2	R500.00	R1 000.00
		Foot Stool	2	R500.00	R1 000.00
		Paper Towel Dispencer	2		R0.00
		Computer	2	R15 500.00	R31 000.00
		BP Machine	2	R15 000.00	R30 000.00
		Diagnostic Set, Wall mounted	2	R7 000.00	R14 000.00
		Lamp, Examination	2	R40 000.00	R80 000.00
	Multipurpose rooms	Table	2	R2 500.00	R5 000.00
		Chairs	10	R800.00	R8 000.00
		Bin, Pedal	1	R500.00	R500.00
	Mother's room	Lazy boys couch	3	R2 500.00	R7 500.00
		Bin, Pedal	1	R500.00	R500.00
Service block	Public Ablutions	Bin pedal	2	R500.00	R1 000.00
		Lavatory brush	1	R100.00	R100.00
	Male Ablutions	Bin pedal	2	R500.00	R1 000.00
		Lavatory brush	1	R100.00	R100.00
	Female Ablution	Bin pedal	2	R500.00	R1 000.00
		Lavatory brush	1	R100.00	R100.00
	Disable toilet	Bin pedal	2	R500.00	R1 000.00
		Lavatory brush	1	R100.00	R100.00

SECTION	ROOM	ITEM DESCRIPTION	QUANTIT Y	ESTIMATED COST	
				Per each	Total
	Emergency room	Examination Couch	2	R2 500.00	R5 000.00
		ECG machine	1	R55 000.00	R55 000.00
		Emergency Trolley	1	R40 000.00	R40 000.00
		Schedule drug cupboard	1	R5 000.00	R5 000.00
		fridge, Medication	1	R50 000.00	R50 000.00
		Trolleys, dressing,blood, Injection	3	R5 000.00	R15 000.00
		Scale, Electronic	1	R1 000.00	R1 000.00
		Scale, Wheelchair	1	R1 000.00	R1 000.00
		BP Machine	1	R15 000.00	R15 000.00
		Glucometer	2	R2 000.00	R4 000.00
		Blood Gas Analyser	1	R200 000.00	R200 000.00
		Drip Stand	2	R2 000.00	R4 000.00
		Wheel Chairs	1	R5 000.00	R5 000.00
		Stretchers	1	R6 000.00	R6 000.00
		Curtains/ Blinds	1	R6 000.00	R6 000.00
	Porter's alcove	Wheel Chairs	1	R3 000.00	R3 000.00
		Trolley Patient with mattress, cot sides, straps, O2 holder & drip stand	1	R6 000.00	R6 000.00
	Linen store	Shelves - floor standing	2	R3 000.00	R6 000.00
	Cleaner's store	Polisher/scrubbing machine	1	R12 000.00	R12 000.00
		Cleaning trolley, complete with accessories	1	R3 000.00	R3 000.00
	Dirty utility	Bin - refuse, large, polythene, 85lt, red, food grade	1	R700.00	R700.00
		Bedpan - stainless steel	2	R300.00	R600.00
		Kidney dish - small 15cms, stainless steel	5	R30.00	R150.00
		Bucket Galvanised 20 Litre	1	R200.00	R200.00
		Trolley Double-Mopping 30 Litre PVC Buckets N1812	1	R400.00	R400.00
		Urinal - wall mounted rack	1	R300.00	R300.00
		Urinal - Stainless Steel	1	R300.00	R300.00
		Jug - measuring, 1000mls, plastic	1	R50.00	R50.00
		Broom Bass (380mm) with Handle	1	R50.00	R50.00
		Bin - refuse, large, white, heavy duty polythene, 85lt	1	R700.00	R700.00
		Jug - measuring, graduated 1000 mls, plastic	1	R50.00	R50.00
		Brush scrubbing 180 mm	2	R20.00	R40.00
		Dustpan with brush	2	R60.00	R120.00



SECTION	ROOM	ITEM DESCRIPTION	QUANTIT Y	ESTIMATED COST	
				Per each	Total
External store block	General waste	Wheelie Bin- with two wheel	4	R1 500.00	R6 000.00
	Medical waste	Plastic pallets	2	R1 000.00	R2 000.00
	Gas store	Steal rack- cylinder holders	1	R300.00	R300.00
Youth & After hours services	Consultation room	Desk	1	R2 500.00	R2 500.00
		Office chair	1	R1 500.00	R1 500.00
		Cabinet, Filing	1	R3 000.00	R3 000.00
		Couch, Examination	1	R2 500.00	R2 500.00
		Bin, Pedal	1	R500.00	R500.00
		Foot Stool	1	R500.00	R500.00
		Paper Towel Dispencer	1		R0.00
		Computer	1	R15 500.00	R15 500.00
		BP Machine	1	R15 000.00	R15 000.00
		Diagnostic Set, Wall mounted	1	R7 000.00	R7 000.00
		Lamp, Examination	1	R40 000.00	R40 000.00
	Toilet	Bin pedal	2	R500.00	R1 000.00
		Lavatory brush	1	R100.00	R100.00
	Waiting area	Waiting area chairs	5	R800.00	R4 000.00
		Water dispensor	1	R3 000.00	R3 000.00
		Wall clock	1	R300.00	R300.00
		Bin - pedal, stainless steel 20 litre	1	R1 000.00	R1 000.00
	Kitchenette	4 Seater table with chairs	1	R3 000.00	R3 000.00
		Kettle	1	R300.00	R300.00
		Pedal bin	1	R500.00	R500.00
		Fridge 110L	1	R1 800.00	R1 800.00
		Microwave	1	R1 500.00	R1 500.00
	Disable toilet	Bin pedal	1	R500.00	R500.00
		Lavatory brush	1	R100.00	R100.00
	Toilet	Bin pedal	1	R500.00	R500.00
		Lavatory brush	1	R100.00	R100.00
	Boardroom	12 seater boardroom table with chairs	1	R15 000.00	R15 000.00
		Bin, Pedal	1	R500.00	R500.00
		White board	1	R1 000.00	R1 000.00
		Projector	1	R15 000.00	R15 000.00
<b>TOTAL</b>					<b>R2 026 380.00</b>

### 6.4.3. Operations estimated cost or additional cost

Table 11: Estimated Annual Operational cost

DESCRIPTION	AMOUNT
<b>Total</b>	<b>R36,230,250</b>
<b>Compensation Of Employees</b>	<b>R20,000,000</b>
Salaries And Wages	R17,000,000
Social Contributions	R3,000,000
<b>Goods And Services</b>	<b>R16,215,000</b>
Agency & Support/Outsourced Services	R10,000
Catering: Departmental Activities	R5,000
Consumable Supplies	R100,000
Consumables :Stationary, Printing &Office Supplies	R500,000
Contractors	R20,000
Fleet Services(F/Services)	R20,000
Inv: Medicine	R11,000,000
Inv: Chemicals, Fuel, Oil, Gas, Wood & Coal	R900,000
Inv: Materials & Supplies	R5,000
Inv: Medical Supplies	R150,000
Inv: Other Supplies	R450,000
Laboratory Services	R1,500,000
Minor Assets	R30,000
Operating Leases	R25,000
Property Payments	R1,500,000
Interest And Rent On Land	R250
Interest	R250
Machinery And Equipment	R15,000
Other Machinery & Equipment	R15,000

### 6.4.4. Current financial year cashflow

Table 12: Estimated Monthly Cashflow (AIP)

Estimated Cashflow for 2020/2021 (Total Construction cost + Fees, incl VAT)											
Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
0	0	0	0	0	0	0	0	0	0	0	0

### 6.4.5. Project duration cashflow

Table 13: Projected Annual Cashflow

MTEF and beyond	Fees	Construction	Total
Prior years			
Yr 20/21	R0.00	R0.00	R0.00
Yr 21/22	R2,000,000.00	R0.00	R2,000,000.00
Yr 22/23	R2,500,000.00	R39,500,000.00	R2,300,000.00
Yr 23/24	R500,000.00	R4,500,000.00	R5,000,000.00
Yr 24/25	R400,000.00	R600,000.00	R1,000,000.00
Beyond MTEF			
<b>TOTAL</b>	<b>R5,400,000.00</b>	<b>R44,600,000.00</b>	<b>R50,000,000.00</b>

## 7. Procurement

### 7.1. Procurement Strategy

A Procurement Strategy is prepared by the Department of Health as part of the annual Infrastructure Programme Management Plan (IPMP). It sets out the Delivery Management Strategy as well as the Procurement and Contracting Arrangements proposed for each project requiring the procurement of Consultants (Professional Services) or Contractors (Works) during the ensuing 3 year period.

#### 7.1.1. FIDPM Procurement gates

The FIDPM procurement gates must be implemented. The FIDPM states:

- 6.1.1 Infrastructure procurement shall be undertaken in accordance with all applicable Infrastructure Procurement-related legislation and this Framework.
- 6.1.2 Infrastructure procurement shall be implemented in accordance with procurement gates prescribed in clause 6.2 and the CIDB prescripts. If deemed necessary by the institution, Accounting Officer or Accounting Authority can, over and above procurement gates prescribed in clause 6.2, introduce additional procurement gates.
- 6.1.3 Procurement Gate 1 and 2 shall be informed by the Programme Management Control Point Deliverables in terms of Section 5.2 above.
- 6.1.4 Given the peculiarity of the institution, the procurement of Professional Service Providers (PSPs) and Contractors can occur at any points in the IDM Processes.
- 6.1.5 The Accounting Officer or Accounting Authority must ensure that a budget is available and cash flow is sufficient to meet contractual obligations and pay contractors within the time period provided for in the contract.
- 6.1.6 Procurement gates provided in 6.2 shall be used, as appropriate, to:

Infrastructure Procurement Requirements

- a) Authorise commencement to the next control gate;
- b) Confirm conformity with requirements; and/or
- c) Provide information, which creates an opportunity for corrective action to be taken.

#### 7.1.2. Formulation Process

The 5-step process for the preparation of the Delivery Management Strategy and the Procurement and Contracting Arrangements is summarised below.

- Establishing the Base Information
  - Step 1: Establishing the project scope, the control budget, the implementation milestones, the programme and the cash flow is included in this document
    - *Procurement Gate 1 (PG1): Obtain permission to start with the procurement process.*
      - *Hopewell Clinic – Construction of New Small Clinic need to be procured*
      - *The broad scope of work for procurement is contained in this document*
      - *The estimate financial value of proposed procurement is R 50 000 000.00.*

*PG 1 will be complete once this Brief has been approved by the Health Infrastructure approval Committee and the Head of Department: Health.*

Step 2: Collect available CIDB data for contractors in terms of their classifications, grading, ownership and availability within the project area. According to CIDB, this project will be a level 7 GB contract



Home

**Register of Contractors**

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[Disciplinary gazettes and case law reports](#)  
[National Treasury Database of Restricted Suppliers](#)  
[National Treasury Register for Tender Defaulters](#)

Select by Status:

Select by Region:  (Registered head office address region)

Select by Designation and class:

Select by CRS Number:  (Please list CRS numbers separated by commas, eg 100001,100002)

Select by Contractor Name:  (Please enter a partial or complete organisation name)

Select Potentially Emerging

Town / City Filter:   (Reloading the town filter will clear existing searches)

Figure 11: CIDB Levels

SOURCE: [www.cidb.co.za](http://www.cidb.co.za)

As of 03 March 2021 there are 239 active 7 GB Contractors in KwaZulu-Natal.

### 7.1.3. Formulate the Delivery Management Strategy for Works

Step 1: Identify opportunities for clustering projects into packages (rather than implementing as individual projects) to achieve greater efficiency, economy of scale or for other reasons discussed in further detail below – **This project cannot be clustered as there is no similar project in the area**

Step 2: Assess the resource requirements for the project and weigh internal capacity against that of the DOPW (or other external Implementing Agency) to determine whether the project is better suited to in-house or external implementation – **This is yet to be determined by KZN-DOPW, however if required provision has been made below**

- Identify suitable Contracting Arrangements for Works
  - Step 1: Consider alternative contracting arrangements and select the most suitable strategy for the project as expanded upon below
  - Step 2: The best strategy to secure financial offers and to establish the basis for remuneration for the services to be provided in terms of the contract
  - Step 3: Identify the appropriate Contractual arrangement (Form of Contract) for the implementation of the works
  
- Identify an appropriate Procurement Strategy for Works (where Works are required)
  - Step 1: The Procurement Procedure will be the standard KZN-DOPW procedure
  - Step 2: the procurement programme is imbedded in the project milestone as reflected in this document. The anticipated bid award date is 31 October 2021.

Step 3: The project is currently in FIDPM stage 1 B.

- Identify suitable Contracting Arrangements for Services

Step 1: The parameters for the procurement of technical and/or professional services and the mechanism for appointment, will be based on the outcome of the needs analysis to be performed by KZN-DOPW

Step 2: The most suitable Contracting Strategy is expanded on below

Step 5 The appropriate Form of Contract for the provision of these services are indicated below

- *Procurement Gate 2 (PG2): Approval for procurement strategies that are to be adopted*

**Construction:**

- *Standard KZN-DOPW procurement strategies will be followed*
- *The recommended procurement strategy for construction is Design by Employer*
- *Opportunities for promoting preferential procurement in line with legislative provisions and the Construction Sector Code will be included in the project documents.*
- *The proposed contracting and pricing strategy are:  
Bill of Quantities  
NEC3 contract*
- *Contractors are to be paid on a monthly value based on actual works completed as*

*PG 2 is complete when procurement strategies that are to be adopted are approved.*

#### 7.1.4. Primary and Secondary Objectives

While the primary objective of an infrastructure project is the delivery of functional infrastructure such as buildings, plant and equipment, roads, electricity or water, the project will, where possible, incorporate secondary (or developmental) socio-economic objectives such as targeted procurement and employment, local economic development, skills development, Job creation and so on.

These objectives are given equal importance and although Developmental objectives do not appear in the IPMP as individual items they are cross-cutting in the formulation of procurement and implementation strategies.

The Primary and Secondary Objectives for this project are listed below:

- For this project the primary objective is the procurement and delivery the required output/s within budget, to the required standard and within the specified timeframe. This is detailed in the document above.
- The secondary objectives aims at socio-economic benefits which will be achieved through a combination of targeted procurement, skills development and job creation through the development and construction stages of the project

### 7.1.5. Delivery Management Strategy

The Delivery Management Strategy for this project is as follows.

#### 7.1.5.1. For Works

The Strategic Arrangements required for the IPMP is:

Table 14: Strategic Arrangements

Delivery Management Strategy for Works			Contracting Arrangements for Works			Procurement Arrangements for Works		
Delivery Mode	Implementer	Estimated Project Control Budget	Contracting strategy	Pricing strategy	Form of Contract	Procurement Procedure	Estimated Bid/Tender Award Date	Comments / Current Stage
Individual Project	KZN-DOPW	R 50 000 000	Design and Build	BOQ	NEC3	Public Open Tender	October 2021	FIDPM 1B

### 7.1.6. Additional Procurement Gates

The following additional Procurement Gates must be applied on this project by KZN-DOPW:

- Procurement Gate 3 (PG3): Approval for procurement documents
  - Procurement documents will be completed and will comprise of:
    - For Construction:
      - Drawings
      - Specifications
      - Bills of quantities

PG 3 is complete when the procurement document is approved.

- Procurement Gate 4 (PG4): Confirmation of cash flow
  - Confirmation sufficient cash flow to meet contractual obligations will be done prior to project proceeding to the Bid Specification Committee (BSC).
  - The control measures for payment of contractors within the time period provided for in the contract include monthly invoices, checked and recommended by the project leader and approved for Payment documents

PG 4 is complete when cash flow is approved

- Procurement Gate 5 (PG 5): Solicit tender offers by:
  - Submission of tender documents to KZN-DOPW BSC and Bid Award Committee (BAC)
  - Inviting tender offers via advertisement in Local papers and Government systems
  - Closing of tenders and recording of received tenders
  - Preparation of a report on tender offers received
  - Safe filing of received tenders

PG 5 is complete when all received tender offers are duly accounted for.

- Procurement Gate 6 (PG 6): Evaluation of tender offers in terms of undertakings and parameters established in procurement documents.
  - Open and record tender offers received by Bid-Evaluation Committee (BEC)

- Evaluation of tenders to:
  - Determine whether or not tender offers are complete.
  - Determine whether or not tender offers are responsive.
  - Evaluation of tender submissions.
  - Preparation of a risk analysis.
  - Preparation a tender-evaluation report and submit to BAC for approval

PG 6 is complete when the evaluation report is reviewed and recommendations is ratified.

- Procurement Gate 7 (PG7): Award the contract.

Notification of successful tenderer and unsuccessful tenderers

- Adherence to Appeals process
- If no appeals, compilation contract document and signing thereof by all parties
- Safe filing of contract.
- Receipt of required documents in terms of the contract from the Contractor

PG 7 is complete when the tenderer has provided evidence of complying with all requirement stated in the tender data and formally accepts the tender offer in writing and issues the contractor with a signed copy of the contract

- Procurement Gate 8 (PG 8): Administer the contract and confirm compliance with all contractual requirements.

- Capturing contract award data.
- Administration contract in accordance with the terms and provisions of the contract
  - Site hand over
  - Progress and technical meeting
  - Monthly progress reports
  - Monthly payments
  - Snag lists
- Ensure compliance with contractual requirements
  - Completion certificates
  - Close out reports
  - Assets management prescripts adhered to
  - Final payments
- Confirmation contract is complete

PG 8 is complete when contract completion/termination data is captured.

## 8. Expanded Public Works Programme and Community Participation Goal

The general rule/guideline currently is that all Department of Health Projects in which the Project Brief or SIPDM stage 3 report estimates exceed R7 Million shall be subject to the Expanded Public Works Program (EPWP) aimed at alleviating and reducing unemployment.

Employment statistics will still be required to be submitted for projects below this value for recording and reporting to the EPWP system but all other EPWP guidelines may not be included.

Projects that have initial estimates exceeding R30 Million shall be subject to both Expanded Public Works Program (EPWP) and Contract Participation Goal (CPG).

Requirements for this project are outlined below:

EPWP Minimum Requirement	Project Values in Rands and minimum guidelines					
	Up To 5 00 000	Between 500 000 up to 2 Million	Between 2 Million up to 10 Million	Between 10 Million up to 30 Million	Between 30 Million up to R 99 Million	From 100 Million and above
Reporting	All required	All required	All required	All required	All required	All required
Local Area	10 km radius	10 km radius	Local Municipality 60% @ 10 km radius	District Municipality 60% Local Municipality	KZN Province 80% District 60% Local Municipality	South Africa 80% KZN 60% District 40% Local Municipality
Branding	Not Required	Site only	Site and Uniform	Site ,Uniform and tender documentation	Site ,Uniform and tender documentation	Site ,Uniform and tender documentation
Recruitment	Managed via Councillor and Hospital Board/Clinic Committee	Managed via Councillor and Hospital Board/Clinic Committee	According to DOPW Recruitment guideline document	According to DOPW Recruitment guideline document	According to DOPW Recruitment guideline document	According to DOPW Recruitment guideline document
PSC	Not Required	Hospital board /Clinic Committee	Hospital board /Clinic Committee	Full PSC,CIDB Guidelines to be followed	Full PSC,CIDB Guidelines to be followed	Full PSC,CIDB Guidelines to be followed
CLO	Not Required	Required	Required	Required	Required	Required
Tender Specification	Not Required	Required	Required	Required	Required	Required

### Reporting Requirements:

- Employment Contracts
- Copies of ID documents
- Half cut photographs of employees
- Proof of daily attendance
- Proof of wage payments



## 9. Health Technology Services

Health Technological services for the purpose of this brief will focus on items that have an integral bearing on the development and planning of the project. A complete list for HTS will be developed and finalised at a later stages once the clinical brief and design has been finalised.

According to the IUSS document, "The tool used in the process of defining what equipment is needed or each healthcare intervention is the **Standard Equipment List**. This is:

- A list of equipment typically required for each healthcare intervention (such as a healthcare function, activity, or procedure). For example, health service providers might list all equipment required for eye-testing, delivering twins, undertaking fluoroscopic examinations, or for testing blood for malaria;
- Organised by activity space or room (such as reception area or treatment room), and by department;
- Developed for every different level of healthcare delivery (such as district, province) since the equipment needs will differ depending on the vision for each level;
- Usually made up of **everything** including furniture, fittings and fixtures, in order to be useful for planners, architects, engineers and purchasers, and
- A tool which allows healthcare managers to establish if the Vision is economically viable.

The Standard Equipment List must reflect the level of technology of the equipment. It should describe only technology that the facility can sustain (in other words, equipment which can be operated and maintained by existing staff, and for which there are adequate resources for its use) In this context the rural nature of the location must be considered. For example a department could have:

- An electric suction pump or a foot-operated one;
- A hydraulic operating table or an electrically controlled one;
- A computerised laundry system or electro-mechanical machines; and
- Disposable syringes or re-usable/sterilisable ones.

It is important that any equipment suggested:

- Can fit into the rooms and space available. Reference should therefore be made to any building norms defining room sizes, flow patterns, and requirements for water, electricity, light levels and so on;
- Has the necessary utilities and associated plant (such as the power, water, waste management systems) available for it on each site - if such utilities are not available, it is pointless planning to invest in equipment which requires these utilities in order to work; and
- Can be operated and maintained by existing staff and skill levels, or for which the necessary
- Training is available and affordable.

### Preparation of specifications

Specifications have to be drawn up for every device that is planned to be purchased. Standardised specifications need to be drawn up for commonly used devices which can then be modified (where necessary) at institutional level.

General terms and conditions should also be part of specifications, including stipulations like the local availability of essential spare parts, and the presence of a registered sole agent for the specific brand.

A suggested format for specifications is as follows:

- Name of equipment;
- Function;
- Essential features;

- Essential components;
- Additional components;
- Power supply;
- Additional requirements; and
- Training – user training, maintenance training.

For some equipment, such as sophisticated or imported items, or equipment which is new in the system, it may be necessary to specify the following item lines:

- Site preparation details – supplier should provide technical instructions and details so that this work can be planned, either in-house or by contracting out.
- Installation – assistance may be needed.
- Commissioning – assistance may again be required.
- Acceptance – the responsibilities of both the purchaser and supplier with respect to testing and/or acceptance of the goods must be clearly detailed.
- Training of both users and technicians – help must be obtained if required.
- Maintenance contract (an important part of after-sales support) – help must be requested if it is required. It will be necessary to agree and stipulate the duration, and whether it should extend beyond the warranty period, the cost and whether it includes the price of labour and spare parts,
- And the responsibilities of the owner and supplier.

There are a number of technical and environmental factors that need to be taken into account. For example:

- If the area has an unstable power supply, is the supplier able to offer technical solutions (such as voltage stabilisers, an uninterruptible power supply)?
- Will the geographical location (such as height above sea-level) affect the operation of equipment (such as motors, pressure vessels)? If so, can the manufacturer adjust the item's specific needs?
- Extremes of temperature, humidity, and dust may adversely affect equipment operation, and may require solutions such as air-conditioning, silica gel, polymerised coatings for printed circuit boards, and filters.

The following details should be included in a Technical and Environmental Data Sheet:

- Electricity supply – mains or other supply, voltage and frequency values and fluctuations.
- Water supply – mains or other supply, quality and pressure.
- Environment: height above sea-level; mean temperature and fluctuations; humidity; dust level; vermin problems, etc.
- Manufacturing quality – international or local standards required.
- Language required – main and secondary.
- Technology level required – manual, electro-mechanical or micro-processor controlled.

Pre-installation work involves:

- Preparing the site ready for equipment when it arrives;
- Organising any lifting equipment;
- Organising any warehouse (storage) space;
- Confirming installation and commissioning details; and
- Confirming training details.

In some cases, the pre-installation work required is minimal; in others it requires considerable labour and finance. As a general guide, site preparation is the work required to ensure that the room or space where the equipment will be installed is suitable. It often requires the provision of new service supply connections (for electricity, water, drainage, gas, waste) and may require some construction work. Site preparation tasks can include:

- Extending pipelines and supply connections to the site, from the existing service installations;
- Upgrading the type of supply, such as increasing the voltage, or the pipeline diameter;
- Providing new surfaces, such as laying concrete, or providing new worktops; and
- Creating the correct installation site – for example, digging trenches, building a transformer house or a compressor housing.

In considering where to position equipment, the following types of questions should be asked:

- Is there sufficient access to the room/space? (Door sizes and elevator capacity are very important for x-ray and other large machines.)
- Is the room/space large enough?
- Is the position and layout of the room/space suitable?
- Are the required work surfaces and service supply points available?
- Is the environment adequate for the purpose? (For example, is it air-conditioned? Dust-free? Away from running water?)

If new buildings or extensions are being constructed, different relevant departments and groups need to work closely together to design the rooms and plan the service supplies. Planners, users, architects, service engineers, and equipment engineers need to be consulted. Site preparation can be carried out by:

- In-house staff (for example, the facility HTM team or a central/regional HTM team);
- Maintenance staff from other national agencies (for example, electricians from the Ministry of Public Works);
- A contractor who has been hired (for example, a private company or an NGO partner); and
- The suppliers or their representative."

## 10. Commissioning

The purpose of commissioning a health facility is to ensure that construction work is completed according to the approved drawings and specifications, that equipment is in place and all departments are operationally ready such that the buildings can function fully upon occupation by the end user.

According to the IUSS document a commissioned building is one deemed ready for service, ie the building may become fully operational for its intended purpose.

Project commissioning is the process of assuring that all systems and components of a building are:

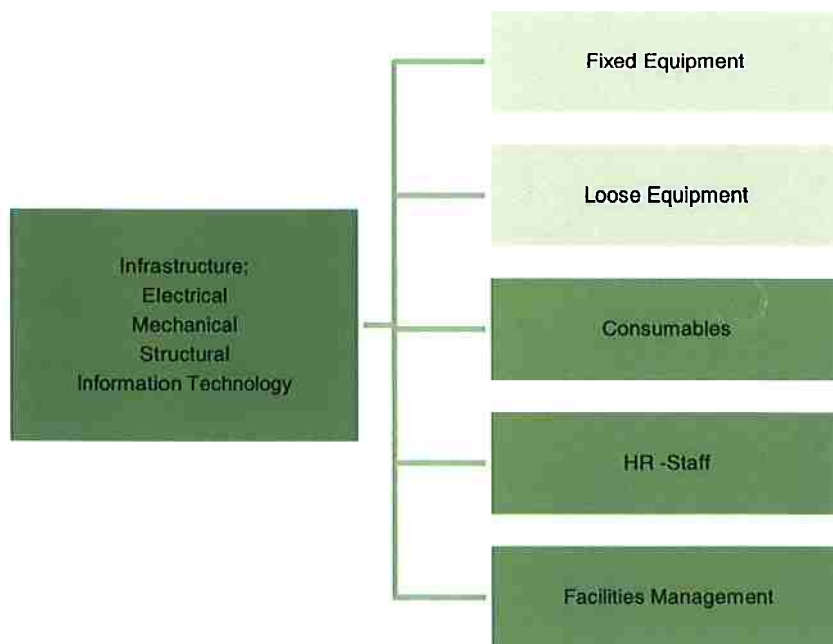
- Designed
- Installed
- Tested
- Operated and
- Maintained, according to the operational requirements of the owner.

This process must involve all disciplines and must include systems validation and verification through inspecting and testing every operational component of the building project from the individual functions, such as instruments and equipment – including complex, systems and sub-systems. The process oversees:



This process is to prepare the facility management and assist them develop systems to operate the facility once construction is complete. Commissioning Systems Include:

- Fixed Equipment
- Loose Equipment and Furniture
- Human Resource / Staffing
- Consumables
- Facilities Management, which includes:
  - Hospital Governance and the delegation of Authority
  - Legal requirements and licensing
  - Hospital Financial Management
  - Organizational Development Strategy
  - Hospital Information Management
  - Hospital Information Technology
  - Patient Administration
  - Communication Strategy
- Maintenance, guarantees and contracts



**Figure: Key elements in the commission process as per IUSS Health Facility Guides – Commissioning Health Facilities Draft 1.4 April 2014**

The 3 Major components of commissioning which must be considered in all projects include:

1. Building Component
2. Equipment Component
3. Operational Component

These are parallel processes occurring throughout the project which must be initiated at the beginning of the project before construction.

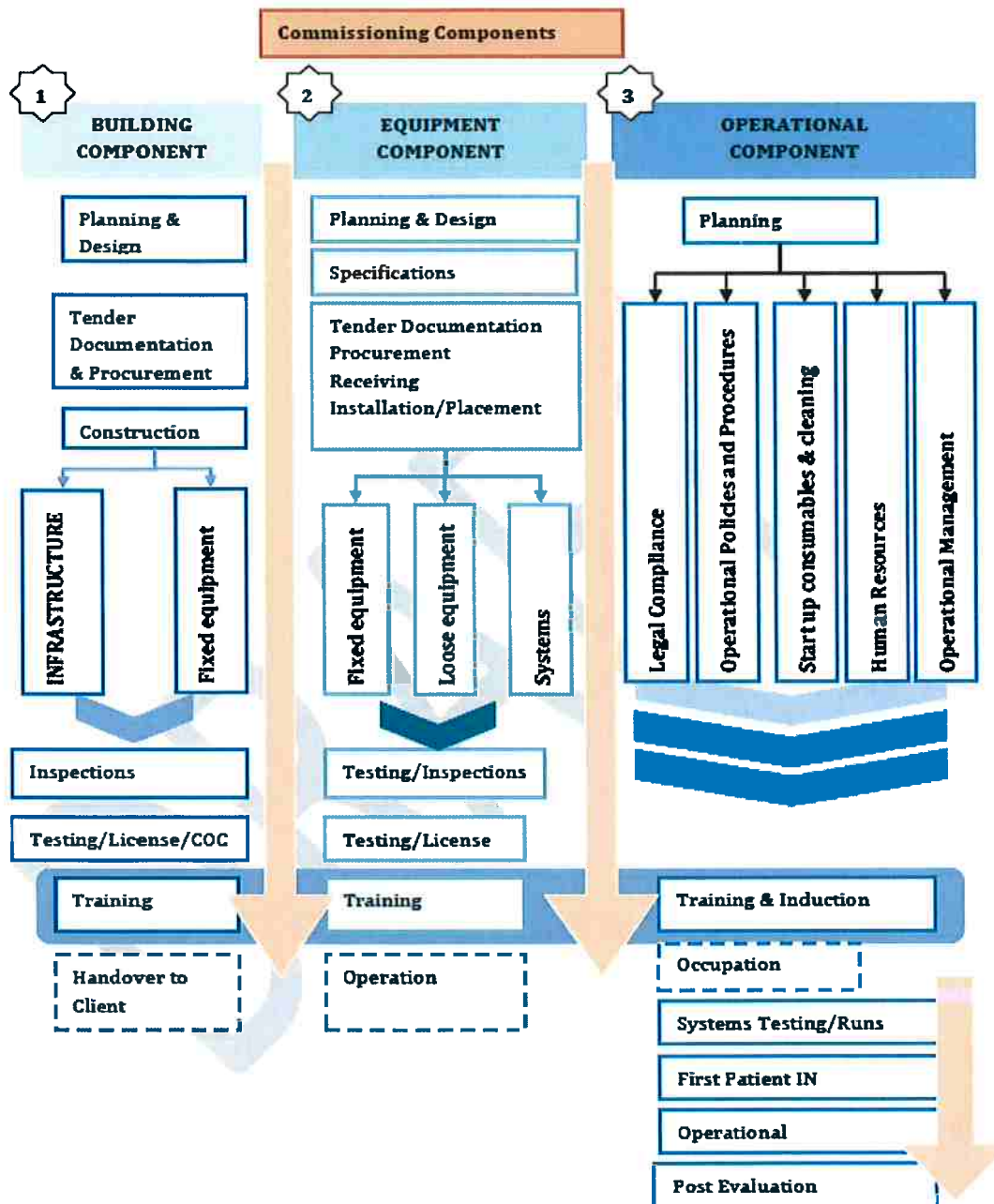


Figure 12; Commissioning Health Facilities Draft 1.4 April 2014

It is advised that an operational commissioning team be established chaired by the facility head. The objective is to ensure that the infrastructural, equipment and operational programmes are aligned and co-ordinated.

It is recommended that the commissioning team steps correspond with the Framework for Infrastructure Delivery and Procurement Management (FIPDM) process as set out in the IUSS document. (IUSS Health Facility Guides – Commissioning Health Facilities Draft 1.4 April 2014)

Other documents to be considered when designing and commissioning include, but are not limited to: *National Core Standard; Ideal Hospital and Ideal Clinic Documents; National and Provincial Clinical Norms and guidelines.*

## 11. Organisational Development

The health sector is undergoing a reform process that is focused on Primary Health Care re-engineering. As part of this reform, the health sector is working towards improving efficiency and effectiveness of delivery of services, and has prioritised establishment of Ideal clinics to optimise the use of investments in the public health sector and ensure better health outputs and outcomes for the sector. The purpose of Organisational Development (OD) plan is to prepare a new facility or building for occupation and to ensure that all internal personnel, where appropriate are appointed and trained to operate the facility.

There is a minimum of 9 core Human Resources for Health categories required for optimal operation of the PHC Clinic under the leadership of Operational Manager.

### 11.1. History

This is a proposed new clinic; there is no history available in terms of Organisational Development for this proposed clinic.

Key Elements for a Success

- An outline management of the facility
- Categories of staff and clinical responsibility
- Approved Organisational Structure with clear lines of reporting and responsibilities
- Allocation of budget to implement the approved organisational structure

### 11.2. Proposed Staffing Establishment

The table below depicts the required human resources for providing effective and efficient services to the patients and making provision for vacation leave.

**Table 15.2.1 Proposed Staff complement**

DETAIL	SERVICE AREA	NO OF STAFF	RANK OF STAFF CORE STAFF	NO OF STAFF	RANK OF STAFF NON CORE SUPPORT
Management & Administration	Outpatient	1	Operational Manager (PHC)	1	Administrative clerk
				1	Data Capturer
Nursing Services	Outpatients	3	Clinical Nurse Practitioners	3	General Orderlies
		4	Professional Nurses	5	Security Guards
		6	Enrolled Nurses		
		2	Enrolled Nursing Assistants		
		1	Pharmacy Assistant		
		1	Nutrition Advisor		



## **12. External Appointments**

External Resources may only be procured if there is insufficient in-house skills available within the Implementing Agent. Justification must be provided in terms of National treasury Instruction No 2 of 2017/2018 and specifically item 4.

### **12.1. Appointment of External Implementing Agent – KwaZulu-Natal: Department of Public Works**

KZN-DOH has entered into a legally binding Service Level Agreement with KZN-DOPW. However, over and above the agreements, the following expectations by KZN-DOH are highlighted:

- Effective Project management
- Effective management of PSP (where applicable)
- Effective Cost Control
- Effective Risk Management
- Effective Time management
- Effective communication
- Compliance to Legislative requirements
- Compliance to Policies
- Compliance to Norms and Standards (both National and Provincial)

### **12.2. Appointment of External Service Providers**

Should external resource be required, it is recommended that the below be considered (as is required to augment any In-house capacity).

The IA will enter into a legally binding agreement with each Consultant. However, over and above the agreements, the following expectations by KZN-DOH from the consultants are highlighted:

- Cost effective proposals including where possible alternative economic proposals
- A Maintenance conscious facility and including a baseline maintenance plan at the end of the project
- An Environmental conscious facility
- A Facility that will stand the test of time
- Consideration to alternative, but tested and accepted construction methods, systems and installations
- Timeous response time and provision of documents including the following:
  - Programmes and milestones
  - Designs, reports and specifications
  - Cost reports
  - EPWP reports
  - Completion certificates
  - As-built drawings, specifications, manuals, baseline maintenance plan, certificate
  - Close-out report
- Compliance to Legislative requirements
- Compliance to Policies
- Compliance to Norms and Standards (both National and Provincial)

### **12.3. Appointment of Contractors or Suppliers**

The IA will enter into a legally binding agreement with the Contractor or Supplier. However, over and above the agreement, the following expectations by KZN-DOH from the Contractor or Supplier are highlighted:

- Effective Time management
- Effective Project Management
- Effective Cost Management
- Effective Resource Management
- Effective Communication
- Adherence/Compliance to all applicable Legislation
- Adherence/Compliance to all applicable policies
- Adherence/Compliance to all applicable norms and standards

### **12.4. Roles and Responsibilities of the Department of Health**

The roles and responsibilities are highlighted below:

- Effective management and co-ordination of all stages of the project
- Effective management and co-ordination to all legislative requirements
- Quality control and compliance.
- Effective manage Procurement preparation processes in terms of the PFMA, SIPDM and Treasury Regulations.
- Contract and project management
- Effective Financial management.
- Effective Time Management
- Manage completion processes and retention periods.
- Manage timeous and complete Close-out of Project including as-built documentation, manuals compliance certificates and related documentation.
- Manage all required reporting, documentation and archiving of documents
- Where an IA has been appointed, DOH will have an oversight role

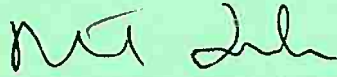
### 13. Contact Numbers

Stakeholder	Designation	Contact Person	Tel	Mobile	E-Mail
Infrastructure Development	Project Leader	Angela Hesketh	033 940 2614	082 416 7396	Angela.hesketh@kznhealth.gov.za
uMgungundlovu District	DD: Planning, Monitoring & Evaluation	Mark Green	033 897 1000	03 416 7393	Mark.green@kznhealth.gov.za
Edendale Hospital	CEO	NT Nxaba	033 395 4911		Nelisile.nxaba@kznhealth.gov.za
District Health Services	Chief Director	Jabulani Mndebele	033 395 3274		Jabulani.mndebele2@kznhealth.gov.za
Infection Prevention Control		Kaloshnee Ganas		083 666 1455	Kaloshnee.ganas@kznhealth .go.za
Security Services	Acting Director	Linda Zondi	033 395 2937	071 869 7510	Linda.Zondi2@kznhealth.gov.za
Implementing Agent	Department of Public Works	TBC			

## 14. Signatures

### Signatories

The following Facilities, Programmes and their Managers, Directors or Leaders have been fully advised and have read and understood the contents of this document.

Name: Dr MT Zulu  
Designation: Acting District Director: Umgungundlovu District  
Date: 18/03/2021  
Signature: 

Name: \_\_\_\_\_  
Designation: \_\_\_\_\_  
Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_  
Designation: \_\_\_\_\_  
Date: \_\_\_\_\_

Signature: \_\_\_\_\_

**APPENDIX E:  
FORM A - SCHEDULE OF TEAM  
MEMBERS PROPOSED FOR THE  
PROJECT**

**FORM A**

**SCHEDULE OF TEAM MEMBERS PROPOSED FOR THE PROJECT**

Please note that if any of the information disclosed in the table below is found to be dishonest or inaccurate, this may result in the withdrawal of any award already and a repudiation of this agreement. Further appropriate action may also be taken.

<b>PROPOSED TEAM MEMBERS</b>	<b>REGISTERED WITH RELEVANT PROFESSIONAL COUNCIL (YES/NO)</b>	<b>DATE OF REGISTRATION AS A PROFESSIONAL / CANDIDATE</b>	<b>PROFESSIONAL REGISTRATION IN GOOD STANDING (YES/NO)</b>	<b>PROFESSIONAL REGISTRATION NUMBER</b>	<b>YEARS OF POST REGISTRATION EXPERIENCE</b>
Architectural Firm:					
• Lead Professional:					
• Support Professional/Candidate:					
Quantity Surveying Firm:					
• Lead Professional:					
• Support Professional/Candidate:					

PROPOSED TEAM MEMBERS	REGISTERED WITH RELEVANT PROFESSIONAL COUNCIL (YES/NO)	DATE OF REGISTRATION AS A PROFESSIONAL / CANDIDATE	PROFESSIONAL REGISTRATION IN GOOD STANDING (YES/NO)	PROFESSIONAL REGISTRATION NUMBER	YEARS OF POST REGISTRATION EXPERIENCE
Electrical Engineering Firm:					
<ul style="list-style-type: none"> <li>• Lead Professional:</li> </ul>					
<ul style="list-style-type: none"> <li>• Support Professional/Candidate:</li> </ul>					
Mechanical Engineering Firm:					
<ul style="list-style-type: none"> <li>• Lead Professional:</li> </ul>					
<ul style="list-style-type: none"> <li>• Support Professional/Candidate:</li> </ul>					
<ul style="list-style-type: none"> <li>• Specialist Fire Engineer: (Must be ECSA registered Mechanical Engineer &amp; may be the same as the Mechanical Lead Professional if suitably qualified and experienced)</li> </ul>					

PROPOSED TEAM MEMBERS	REGISTERED WITH RELEVANT PROFESSIONAL COUNCIL (YES/NO)	DATE OF REGISTRATION AS A PROFESSIONAL / CANDIDATE	PROFESSIONAL REGISTRATION IN GOOD STANDING (YES/NO)	PROFESSIONAL REGISTRATION NUMBER	YEARS OF POST REGISTRATION EXPERIENCE
<ul style="list-style-type: none"> <li>Specialist Wet Services Engineer: (Must be ECSA registered Mechanical Engineer &amp; may be the same as the Mechanical Lead Professional if suitably qualified and experienced)</li> </ul>					
Civil Engineering Firm:					
<ul style="list-style-type: none"> <li>Lead Professional:</li> </ul>					
<ul style="list-style-type: none"> <li>Support Professional/Candidate:</li> </ul>					
Structural Engineering Firm:					
<ul style="list-style-type: none"> <li>Lead Professional:</li> </ul>					



PROPOSED TEAM MEMBERS	REGISTERED WITH RELEVANT PROFESSIONAL COUNCIL (YES/NO)	DATE OF REGISTRATION AS A PROFESSIONAL / CANDIDATE	PROFESSIONAL REGISTRATION IN GOOD STANDING (YES/NO)	PROFESSIONAL REGISTRATION NUMBER	YEARS OF POST REGISTRATION EXPERIENCE
<ul style="list-style-type: none"> <li>Support Professional/Candidate:</li> </ul>					
Construction Health and Safety Firm:					
<ul style="list-style-type: none"> <li>Lead Professional:</li> </ul>					
<ul style="list-style-type: none"> <li>Support Professional/Candidate:</li> </ul>					

# **APPENDIX F: CURRICULUM VITAE TEMPLATE**

## CURRICULUM VITAE TEMPLATE

### 1. Personal Details

Name:	
Date of Birth:	
Current Employer:	
Current Position Held:	
Period with Current Employer: (mm-yyyy to mm-yyyy)	
Previous Employer:	
Position Held with Previous Employer:	
Period with Previous Employer: (mm-yyyy to mm-yyyy)	

### 2. Education (Degrees, Diplomas, BTech and Post Graduate Qualifications ONLY)

Qualification	Year Obtained	Institution

**3. Professional Registration/s**

Professional Body	Year Obtained	Expiry Date	Category of Professional Registration

**4. Relevant Project Experience (Provide a maximum of 3 relevant projects)**

Name of Project	Client	Project Start Date	Project End Date	Project Value	Role on Project

# **APPENDIX G: RETURNABLES – RESPONSIVENESS**

# **APPENDIX H: RETURNABLES – ELIGIBILITY CRITERIA**

# **REGISTERED PROFESSIONAL ARCHITECT CERTIFICATE AND PROFESSIONAL INDEMNITY**

**REGISTERED PROFESSIONAL  
QUANTITY SURVEYOR CERTIFICATE  
AND PROFESSIONAL INDEMNITY**



**REGISTERED PROFESSIONAL  
STRUCTURAL ENGINEER  
CERTIFICATE AND PROFESSIONAL  
INDEMNITY**

# **REGISTERED PROFESSIONAL CIVIL ENGINEER CERTIFICATE AND PROFESSIONAL INDEMNITY**

**REGISTERED PROFESSIONAL  
MECHANICAL ENGINEER (INCLUDING  
FIRE ENGINEER AND WET SERVICES  
ENGINEER) CERTIFICATE AND  
PROFESSIONAL INDEMNITY**

# **REGISTERED PROFESSIONAL ELECTRICAL ENGINEER CERTIFICATE AND PROFESSIONAL INDEMNITY**

# **REGISTERED PROFESSIONAL CONSTRUCTION HEALTH AND SAFETY CERTIFICATE AND PROFESSIONAL INDEMNITY**

# **APPENDIX I: RETURNABLES – FUNCTIONALITY CRITERIA**

# LEAD ARCHITECT CV

**LEAD ARCHITECT PROJECT  
COMPLETION CERTIFICATES,  
LETTERS OF AWARD / SIGNED  
FINAL ACCOUNT SUMMARIES /  
REFERENCE LETTERS**



# **LEAD QUANTITY SURVEYOR CV**

**LEAD QUANTITY SURVEYOR  
PROJECT COMPLETION  
CERTIFICATES, LETTERS OF  
AWARD / SIGNED FINAL ACCOUNT  
SUMMARIES / REFERENCE  
LETTERS**

# **LEAD STRUCTURAL ENGINEER CV**

**LEAD STRUCTURAL ENGINEER  
PROJECT COMPLETION  
CERTIFICATES, LETTERS OF  
AWARD / SIGNED FINAL ACCOUNT  
SUMMARIES / REFERENCE  
LETTERS**

# **LEAD CIVIL ENGINEER CV**

**LEAD CIVIL ENGINEER PROJECT  
COMPLETION CERTIFICATES,  
LETTERS OF AWARD / SIGNED  
FINAL ACCOUNT SUMMARIES /  
REFERENCE LETTERS**

# **LEAD MECHANICAL ENGINEER CV**

**LEAD MECHANICAL ENGINEER  
PROJECT COMPLETION  
CERTIFICATES, LETTERS OF  
AWARD / SIGNED FINAL ACCOUNT  
SUMMARIES / REFERENCE  
LETTERS**



# **FIRE ENGINEER CV**

**FIRE ENGINEER PROJECT  
COMPLETION CERTIFICATES,  
LETTERS OF AWARD / SIGNED  
FINAL ACCOUNT SUMMARIES /  
REFERENCE LETTERS**

# **WET SERVICES ENGINEER CV**

**WET SERVICES ENGINEER  
PROJECT COMPLETION  
CERTIFICATES, LETTERS OF  
AWARD / SIGNED FINAL ACCOUNT  
SUMMARIES / REFERENCE  
LETTERS**

# **LEAD ELECTRICAL ENGINEER CV**

**LEAD ELECTRICAL ENGINEER  
PROJECT COMPLETION  
CERTIFICATES, LETTERS OF  
AWARD / SIGNED FINAL ACCOUNT  
SUMMARIES / REFERENCE  
LETTERS**

# **LEAD CONSTRUCTION HEALTH AND SAFETY AGENT CV**

**LEAD CONSTRUCTION HEALTH  
AND SAFETY AGENT PROJECT  
COMPLETION CERTIFICATES,  
LETTERS OF AWARD / SIGNED  
FINAL ACCOUNT SUMMARIES /  
REFERENCE LETTERS**



# **ARCHITECTURAL DISCIPLINE ORGANOGRAM**

# **QUANTITY SURVEYING DISCIPLINE ORGANOGRAM**

# **STRUCTURAL ENGINEERING DISCIPLINE ORGANOGRAM**

# **CIVIL ENGINEERING DISCIPLINE ORGANOGRAM**

# **MECHANICAL ENGINEERING (INCLUDING FIRE ENGINEER AND WET SERVICES ENGINEER) DISCIPLINE ORGANOGRAM**

# **ELECTRICAL ENGINEERING DISCIPLINE ORGANOGRAM**

# **CONSTRUCTION HEALTH AND SAFETY DISCIPLINE ORGANOGRAM**