



public works

Department: Public Works **PROVINCE OF KWAZULU-NATAL**

WIMS NUMBER : **012038**

DESCRIPTION OF SERVICE : **CATHERINE BOOTH HOSPITAL – UPGRADE
EXISTING MALE/FEMALE/PEADS WARDS**

DISCIPLINE : **MECHANICAL ENGINEERING**

DEPARTMENT OF PUBLIC WORKS
Private Bag X9041
Pietermaritzburg
3200

PLEASE NOTE THAT THIS QUOTATION 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.

TABLE OF CONTENT
DOCUMENTATION TO BE SUBMITTED WITH QUOTATION

	SECTION
Section A Invitation to Quote	3-4
Section B Special Instructions and Notice to Bidders	5
Section C Registration on the Central Suppliers Database	6
Section D Declaration that information on Central Suppliers database is up to date	7
Section E Declaration of Interest	8-10
Section F Form of offer	11-13
Section G Specification and Price Schedule	14-18
Section H Tax Clearance Certificate Requirements	19
Section I Authority to Sign a Quotation	20-25
Section J Declaration of Bidder's Past Supply Chain Management Practices	26-27
Section K Certificate of Independent Bid Determination	28-30
Appendix A General Conditions of Contract	31-32
Appendix B Checklist of returnable documents	33-34
Appendix C Contract data	35-48
<hr/>	
Annexure B GAZETTE APPLICABLE	
Annexure C PROJECT SCOPE	

SECTION A INVITATION TO QUOTE

**DESCRIPTION: WIMS NO. 012038: CATHERINE BOOTH HOSPITAL – UPGRADE
EXISTING MALE/FEMALE/PEADS WARDS**

WIMS Number: 012038

CLOSING DATE: 26 JULY 2017

CLOSING TIME: 11H00AM

The successful bidder will be required to fill in and sign a written Contract Form

BID DOCUMENTS MAY BE POSTED TO
KZN DEPARTMENT OF PUBLIC WORKS, HEAD OFFICE
PRIVATE BAG X 9041
PIERTERMARITZBURG
3200

OR

DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)
KZN DEPARTMENT OF PUBLIC WORKS, HEAD OFFICE
191 PRINCE ALFRED STREET
PIERTERMARITZBURG
3200

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 QUOTATIONS MUST BE SUBMITTED ON THE OFFICIAL FORMS – (NOT TO BE RE-TYPED)

THIS QUOTATION 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

<p align="center">THE FOLLOWING PARTICULARS MUST BE FURNISHED (FAILURE TO DO SO MAY RESULT IN YOUR BID BEING DISQUALIFIED)</p>

NAME OF BIDDER

POSTAL ADDRESS

STREET ADDRESS

TELEPHONE NUMBER CODE.....NUMBER.....

CELLPHONE NUMBER

FACSIMILE NUMBER CODENUMBER.....

E-MAIL ADDRESS

VAT REGISTRATION NUMBER

SIGNATURE OF BIDDER

DATE

WIMS NO: 012038

Page 3 of 52

CAPACITY UNDER WHICH THIS BID IS SIGNED

ANY ENQUIRIES REGARDING THE BIDDING PROCEDURE MAY BE DIRECTED TO:

Department : KZN - Department of Public Works
Contact Person : Akashnee Sewmohan
Tel : 033 -355 5455
E-mail address : akashnee.sewmohan@kznworks.gov.za

Contact Person : Mdu Mzobe
Tel : 033 - 355 5561
E-mail address : mdu.mzobe@kznworks.gov.za

ANY ENQUIRIES REGARDING TECHNICAL INFORMATION MAY BE DIRECTED TO:

Contact Person : Sipho Hlengwa
Tel : 033 - 260 3765
E-mail address : sipho.hlengwa@kznworks.gov.za

Contact Person : Thato Radebe
Tel : 033 - 260 3740
E-mail address : thato.radebe@kznworks.gov.za

SECTION B

SPECIAL INSTRUCTIONS AND NOTICES TO BIDDERS REGARDING THE COMPLETION OF FORMS

PLEASE NOTE THAT THIS QUOTATION 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 visa versa and with words importing the masculine gender shall include the feminine and the neuter.
2. Under no circumstances whatsoever may the quotation/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. Quotation submitted must be complete in all respects.
5. Quotation 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 quotation documents.
6. Each quotation shall be addressed in accordance with the directives in the quotation documents and shall be lodged in a separate sealed envelope, with the name and address of the bidder, the quotation number and closing date indicated on the envelope. The envelope shall not contain documents relating to any quotation other than that shown on the envelope. If this provision is not complied with, such quotations/bids may be rejected as being invalid.
7. All quotations received in sealed envelopes with the relevant quotation numbers on the envelopes are kept unopened in safe custody until the closing time of the quotation/bids. Where, however, a quotation is received open, it shall be sealed. If it is received without a quotation/bid number on the envelope, it shall be opened, the quotation number ascertained, the envelope sealed and the quotation number written on the envelope.
8. A specific box is provided for the receipt of quotations, and no quotation found in any other box or elsewhere subsequent to the closing date and time of quotation will be considered.
9. No quotation/bid sent through the post will be considered if it is received after the closing date and time stipulated in the quotation documentation, and proof of posting will not be accepted as proof of delivery.
10. No quotation submitted by telefax, telegraphic or other electronic means will be considered.
11. Quotation documents must not be included in packages containing samples. Such quotations may be rejected as being invalid.
12. Any alteration made by the bidder must be initialed.
13. Use of correcting fluid is prohibited
14. Quotation will be opened in public as soon as practicable after the closing time of quotation.
15. Where practical, prices are made public at the time of opening quotations.
16. 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
- 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 can provide their CSD supplier number and unique security code to organs of state to view their verified CSD information.

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 QUOTATION/BID.

AND I AM AWARE THAT INCORRECT OR OUTDATED INFORMATION MAY BE A CAUSE FOR DISQUALIFICATION OF THIS QUOTATION/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

1. Any legal person, including persons employed by the state¹, 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 quotation). 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.**

2.1 Full Name of bidder or his or her representative:

.....

2.2 Identity Number:

.....

2.3 Position occupied in the Company (director, trustee, shareholder², member):

.....

2.4 Registration number of company, enterprise, close corporation, partnership agreement or trust:

.....

2.5 Tax Reference Number:

.....

2.6 VAT Registration Number:

.....

2.6.1 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.

2.7 Are you or any person connected with the bidder **YES / NO**
presently employed by the state?

2.7.1 If so, furnish the following particulars:

¹"State" means –

- (a) 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);
- (b) any municipality or municipal entity;
- (c) provincial legislature;
- (d) national Assembly or the national Council of provinces; or
- (e) Parliament.

²"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.

Name of person / director / trustee / shareholder/ member:
Name of state institution at which you or the person
connected to the bidder is employed :
Position occupied in the state institution:

Any other particulars:
.....
.....
.....

2.7.2 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**

2.7.2.1 If yes, did you attach proof of such authority to the bid document? **YES / NO**

(Note: Failure to submit proof of such authority, where applicable, may result in the disqualification of the bid.

2.7.2.2 If no, furnish reasons for non-submission of such proof:

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

2.8 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**

2.8.1 If so, furnish particulars:

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

2.9 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**

2.9.1 If so, furnish particulars.

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

2.10 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**

2.10.1 If so, furnish particulars.

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

2.11 Do you or any of the directors / trustees / shareholders / members of the company have any interest in any other related companies **YES/NO**

WIMS NO: **012038**

whether or not they are bidding for this contract?

2.11.1 If so, furnish particulars:

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

3 Full details of directors / trustees / members / shareholders.

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

4 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**

Offer

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

MECHANICAL ENGINEERING SERVICES

on the Project **WIMS NO. 012038: CATHERINE BOOTH HOSPITAL – UPGRADE
EXISTING MALE/FEMALE/PEADS WARDS**

The tenderer, 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 tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer 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.

The offered price for **MECHANICAL ENGINEERING SERVICES**, inclusive of value added tax, is

R (in figures)

.....

..... **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 tenderer before the end of the period of validity stated in the Tender Data, whereupon the tenderer becomes the party named as the Service Provider in the conditions of Contract identified in the Contract Data.

THIS OFFER IS MADE BY THE FOLLOWING LEGAL ENTITY: (cross out block which is not applicable)

Company or close corporation: and: whose registration number is: and: whose income tax reference number is:

OR

Natural person or partnership: whose identity number(s) is/are: whose income tax reference number is/are:

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: Mr/Mrs/Ms: 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.
--	---

SIGNED FOR THE TENDERER:

Name of representative	Signature	Date

WITNESSED BY:

Name of witness	Signature	Date

The tenderer 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):

.....

.....

Other contact details of the Tenderer are:

Telephone no: Cellular phone no:

Fax no:

Postal address:

Banker: Branch:

Acceptance

By signing this part of this form of offer and acceptance, the Employer identified below accepts the tenderer'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 tenderer's offer shall form an agreement between the Employer and the tenderer upon the terms and conditions contained in this agreement and in the Contract that is the subject of this agreement.

The terms of the Contract are contained in:

- Part C1 Agreements and Contract Data, (which includes this agreement)
- Part C2 Pricing Data
- Part C3 Scope of Services

and drawings and documents or parts thereof, which may be incorporated by reference into Parts C1 to C3 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 tenderer 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 tenderer 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 tenderer (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.

For the Employer:

Name of signatory	Signature	Date

Name of Organisation:	Department of Public Works
Address of organisation:	

Witnessed by:

Name of witness	Signature	Date

SECTION G SPECIFICATIONS AND EVALUATION

1. PROJECT DESCRIPTION

WIMS NO. 012038: CATHERINE BOOTH HOSPITAL – UPGRADE EXISTING MALE/FEMALE/PEADS WARDS

2. PROJECT SPECIFICATION

REGION:	NORTH COAST REGION	PROJECT LOCATION/ CITY/TOWN / PLACE	ESHOWE
WIMS NUMBER:	012038	INSTITUTION	HEALTH
DISCIPLINE:	MECHANICAL ENGINEERING	ESTIMATED PROJECT COST	R20 370 626.00 (Excl. vat)
BASIS OF APPOINTMENT:	PERCENTAGE BASED (ON GAZETTE APPLICABLE, Annexure B)	STAGES	1 - 4

3. DETAILED PROJECT SCOPE OF WORKS

See the attached Annexure B

4. ESTIMATED PROJECT COST (Excl. Vat): R20 370 626.00 (Excl. vat)

5.

For building services, allow

- 15% - Electrical Engineering
- 25% - Mechanical engineering
- 15% - Civil
- 15% - Structural

6. PROJECT DETAILS

6.1 You are requested to quote for the delivery of **Mechanical Engineering** services as consultant on the above mentioned project.

6.2 Your quote is to be based upon the relevant Guideline for Tariff of Fees as published annually for the respective Discipline Council, less percentage discount (discount percentage on the estimated fee value as above of the Works per discipline) you are proposing.

6.3 Relevant Fee Guidelines are as per the following;

DISCIPLINE	GAZETTE APPLICABLE PER DISCIPLINE
Architectural	SACAP use rates as per Board Notice 122 of 2015

Engineering	ECSA use rates as per Gazette 34875 Board Notice 206 of 2011
Quantity Surveying	SACQSP use rates as per Gazette Notice 170 of 2015
Land Surveying	National Department of Public Works rates (latest published)
Project Management	SACPMP use rates as per Board Notice 202 of 2011
Geotechnical	National Department of Public Works rates (latest published)

- 5.4 Disbursements as published in the monthly National Department of Public Works "Rates for Reimbursable Expenses" shall be used as a guideline. Discount can also be offered in this regard, but maximum rate applicable shall be for vehicles up to 2150cc.
- 5.5 You will be expected to attend a minimum of 2 site meetings per month which only will be paid for, based on attendance during the construction process.
- 5.6 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 (both for the applicable discipline) - whichever may be applicable at the time.
- 5.7 You are requested to submit your quotation using the specified **Basis of Appointment indicated herein above under Section G** on your company letterhead duly signed by the Registered Professional who will be dedicated to this project and is based at the office address where the project is intended to be awarded within five (5) working days.
- 5.8. Consultants must submit all returnable documents as listed on Appendix B herein. Failure to submit all the requested documents could result in the quote not being considered
- 5.9 Your letter is to provide details of the **Registered Professional** who will be dedicated to this project and is based at the office address where the project is intended to be awarded. Approval must be made in writing to the Department for any replacement of the designated professional.
- 5.10 Appointment will be as per Departmental Standard Conditions of Appointment for the respective Discipline (see the attached Appendix C and Appendix D).

6. EVALUATION CRITERIA

6.1 The evaluation criteria will be in three phases:

Phase 1:

- Correctness of quotation document
- Compliance with SCM regulations (registration with Central Suppliers database, tax compliance and submission of all documentation and information as per Appendix B

Phase 2:

- Meeting the minimum qualifying evaluation score of 70 % as per criteria below.

Evaluation criteria	Documentation to be provided	Points allocated
1.Tenderer to demonstrate their technical competency, human resource capacity and relevant	1. Detailed schedule of resources at all levels.	5
	2. Schedule of years of experience on similar projects	5
	3. Schedule of experience on projects of similar value and duration (Past 3 years) – letters of award to be attached and reference letters for all work completed in the preceding 3 years to be included.	20

experience in similar projects (total points 30)		
2.Organogram and Experience of Resources Proposed for the Project. (total points 30)	1. organogram that sets out the roles and responsibilities of each proposed team member.	15
	2. Detailed Curriculum vitae of each proposed team member.	15
3. Proximity of service provider in relation to project. (total points 20)	The Department supports Local Economic Development and the tenets of Radical Economic Transformation and as such points for proximity will be apportioned as below:	
	1.Entities whose offices reside within the District municipality of the project	20
	2.Entities whose offices reside within a defined radius of up to 20km to the project	15
	3.Entities whose offices reside within a defined radius of more than 20km up to 50km to the project .	10
	4.Entities whose offices reside within a defined radius of more than 50km to 100km the project .	5
	5.Entities whose offices reside within a defined radius of more than 100km to the project .	0
4. Transformation of emerging professional service providers (total points 20)	1. In line with the Department's transformation and social imperatives, a submission of your entity's strategic plan to empower emerging professional service providers is to be submitted.	10
	2.The plan is to also indicate how you would utilise emerging professional service providers should you be awarded this quotation.	10
	TOTAL POINTS	100

Phase 3:

- Discount offered and preference points

Evaluating using the Point System
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 (B-BBEE) 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 systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included);

1.2

a) The value of this bid is estimated to not exceed R50 000 000 (all applicable taxes included) and therefore the80/20..... preference point system shall be applicable; or

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

1.3 Points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

1.4 The maximum points for this bid are allocated as follows:

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

1.5 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.

1.6 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

- (a) **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **“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;
- (c) **“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 quotations, advertised competitive bidding processes or proposals;
- (d) **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) **“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;
- (f) **“functionality”** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) **“prices”** includes all applicable taxes less all unconditional discounts;
- (h) **“proof of B-BBEE status level of contributor”** means:
- | | | |
|----|---|-----------------------|
| 1) | certificate issued by an authorized body or person; | B-BBEE Status level |
| 2) | prescribed by the B-BBEE Codes of Good Practice; | A sworn affidavit as |
| 3) | prescribed in terms of the B-BBEE Act; | Any other requirement |
- (i) **“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;
- (j) **“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

3.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20	or	90/10
$P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \quad \text{or} \quad P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right)$		

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

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 B-BBEE 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 B-BBEE status level of contribution in accordance with the table below:

B-BBEE 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:

B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED:

B-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

4.1 Will any portion of the contract be sub-contracted?

(Tick applicable box)

YES		NO	
-----	--	----	--

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		NO	
-----	--	----	--

- 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 last 51% owned by:	EME √	QSE √
Black people		
Black people who are youth		
Black people who are women		
Black people with disabilities		
Black people living in rural or underdeveloped areas or townships		
Cooperative owned by black people		
Black people who are military veterans		
OR		
Any EME		
Any QSE		

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

Partnership/Joint Venture / Consortium

One person business/sole propriety

Close corporation

Company

(Pty) Limited

[TICK APPLICABLE BOX]

5.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

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

5.6 COMPANY CLASSIFICATION

- Manufacturer
- Supplier
- Professional service provider
- Other service providers, e.g. transporter, etc.

[TICK APPLICABLE BOX]

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

5.8 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-BBE 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 –
 - (a) disqualify the person from the bidding process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) 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;
 - (d) 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
 - (e) forward the matter for criminal prosecution.

WITNESSES

1.

2.

.....
SIGNATURE(S) OF BIDDERS(S)

DATE:

ADDRESS

.....

Special Conditions

7.2 The following special conditions is applicable to the evaluation his quotation:

- The Department reserves the right not to award to the lowest bidder.
- The Department will conduct a detailed risk assessment prior to the award.
- The following evaluation criteria will be assessed prior to the assessment of your discount offer.
Only service providers who score a minimum of 70 points will be considered further and their quotation will be evaluated for price and preference.

8 RISKS (If Any...)

SECTION H

TAX COMPLIANCE STATUS (TCS)

- 1 The State / Province may not award a contract resulting from the invitation of quotations to a bidder who is not properly registered and up to date with tax payments or, has not made satisfactory arrangements with S A 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.
- 7 Tax Clearance Certificates may be printed via e-filing. In order to use this provision, taxpayers will need to register with SARS as eFilers through the website www.sars.gov.za.
- 8 Tax Compliance Status is not required for services below R30 000 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

--

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.....20.....,
Mr/Mrs/Miss..... (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..... hereby confirm that I am the sole owner of the
business trading as

.....

.....
SIGNATURE
(PRINT NAME)

.....
DATE

C. PARTNERSHIP

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

Full name of partner	Residential address	Signature
.....
.....
.....
.....

We, the undersigned partners in the business trading as.....
hereby authorizedto 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

WIMS NO: **012038**

.....
SIGNATURE
(PRINT NAME)

.....
SIGNATURE
(PRINT NAME)

.....
SIGNATURE
(PRINT NAME)

.....
DATE

.....
DATE

.....
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.

By resolution of members at a meeting on 20..... at

.....Mr/Mrs/Miss....., whose
signature appears below, has been authorised to sign all documents in connection with this bid on behalf of (Name
of Close Corporation)

.....

SIGNED ON BEHALF OF CLOSE CORPORATION: (PRINT NAME)

IN HIS/HER CAPACITY AS **DATE:**

SIGNATURE OF SIGNATORY:

WITNESSES: 1
.....

2
.....

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.

By resolution of members at a meeting on 20..... at
Mr/Mrs/Miss....., whose signature appears below, has been
authorised to sign all documents in connection with this bid on behalf of (Name of co-
operative).....

SIGNATURE OF AUTHORISED REPRESENTATIVE/SIGNATORY:
(PRINT NAME)

.....

IN HIS/HER CAPACITY AS:.....

DATE:

SIGNED ON BEHALF OF CO-OPERATIVE:.....

NAME IN BLOCK LETTERS:.....

WITNESSES: 1

2

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.....20.....

Mr/Mrs/Miss.....,Mr/Mrs/Miss.....,

Mr/Mrs/Miss.....and Mr/Mrs/Miss.....
(whose signatures appear below) have 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 (COMPANY NAME):.....
(PRINT NAME)

SIGNATURE :..... **DATE:**.....

IN HIS/HER CAPACITY AS:.....

SIGNED ON BEHALF OF (COMPANY NAME):.....
(PRINT NAME)

SIGNATURE:..... **DATE:**.....

IN HIS/HER CAPACITY AS:.....

SIGNED ON BEHALF OF (COMPANY NAME):.....
(PRINT NAME)

SIGNATURE:..... **DATE:**.....

IN HIS/HER CAPACITY AS:.....

SIGNED ON BEHALF OF (COMPANY NAME):.....
(PRINT NAME)

SIGNATURE:..... **DATE:**.....

G. CONSORTIUM

WIMS NO: 012038

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/agreement passed/reached by the consortium on.....20...

Mr/Mrs/Miss.....
(whose signature appears below) have been duly authorised to sign all documents in connection with this bid on behalf of:

(Name of Consortium).....

IN HIS/HER CAPACITY AS:.....

SIGNATURE:..... **DATE:**.....
(PRINT NAME)

SECTION J
DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES
 (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
4.1	<p>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?</p> <p>(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 <i>audi alteram partem</i> rule was applied).</p> <p>The Database of Restricted Suppliers now resides on the National Treasury's website(www.treasury.gov.za) and can be accessed by clicking on its link at the bottom of the home page.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.1.1	If so, furnish particulars:		
4.2	<p>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)?</p> <p>The Register for Tender Defaulters can be accessed on the National Treasury's website (www.treasury.gov.za) by clicking on its link at the bottom of the home page.</p>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
4.2.1	If so, furnish particulars:		

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?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
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?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
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 K CERTIFICATE OF INDEPENDENT BID DETERMINATION

- 1 This Standard Bidding Document (SBD) must form part of all bids¹ 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).² 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:

¹ Includes price quotations, advertised competitive bids, limited bids and proposals.

² 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.

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:

(Name of Bidder)

1. I have read and I understand the contents of this Certificate;
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder;
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. 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
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 consortium³ will not be construed as collusive bidding.
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.
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.
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.
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

³ 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.

APPENDIX A – QUOTE PROFORMA

(To be completed by the Consultant)

General Notes –

- For fee based appointment allow an additional time based work carried out up to a maximum of 50 hours, by written prior approval of the Department Project Leader.
- **For percentage-based appointment – Consultants are requested to complete Table 1 of Appendix A.**
- **For time based appointment – Consultants are requested to complete Table 2 of Appendix A**
- Preference Points and Percentage discount offered take precedence over any additional detailed fee calculations submitted, where there is any ambiguity
- Disbursements as published in the monthly National Department of Public Works “Rates for Reimbursable Expenses” shall be used as a guideline. Discount can also be offered in this regard, but maximum rate applicable shall be for vehicles up to 2150cc (latest published)
- Tables below are **NOT** to be modified by Consultant

TABLE 1		PERCENTAGE BASED FEES				
No	DISCIPLINE	GAZETTE APPLICABLE PER DISCIPLINE	FEE BREAKDOWN	RAND VALUE	CONSULTANT FULL NAME (Authorised Person)	CONSULTANT SIGNATURE
			Estimated Project Cost: Primary Fee: Secondary Fee: Disbursements: Surcharge: Less Discount: ____% Add VAT @ 14% TOTAL PROJECT FEES:	R _____ R _____ R _____ R _____ R _____ R _____ R _____		

Note – Percentage discount above also applies to any additional time based work carried out up to a maximum of 50 hours, by written prior approval of Project Leader.

COMPANY STAMP:

DATE:

TABLE 2		TIME BASED FEES						
N O.	GAZETTED DPW HOURLY RATES: CATEGORY as per NDPW maximum tariff (2015)	LESS % DISCOUNT OFFERED	NO. OF HOURS	FEE BREAKDOWN	ADD 14% VAT	TOTAL FEE OFFERED	CONSULTANT FULL NAME (Authorised Person)	CONSULTANT SIGNATURE
1	Senior Registered Professional Partner – R1620,00 (5% time allocation)	_____ %	_____ hrs	R _____	R _____	R _____		
2	Registered Professional: Architect/ Quantity Surveyor/ Engineer – R1167,00	_____ %	_____ hrs	R _____				
3	Registered Technician – R966,00	_____ %	_____ hrs	R _____				

Note – Gazetted National Department of Public Works hourly rates apply at date of quotation submitted.

COMPANY STAMP:

DATE:

APPENDIX B – RETURNABLE DOCUMENTS

CHECKLIST OF RETURNABLE DOCUMENTS			
Item No.	Required Document	Tick	
		Y	N
1.	Valid SARS Tax Clearance Pin Number, Tax number or original tax Clearance certificate (to be labelled as E1)		
2.	Central Supplier Database Registration with National Treasury (Unique Reference Number & Supplier Number)		
3.	Proof of Registration with Council / Professional Body (Attach Letter of Good standing with the relevant council if applicable dated during the year of Quotation) (to be labelled as E2)		
4.	Proof of Registration with Companies and Intellectual Property Commission (CIPC) (printout not older than 1 month) (to be labelled as E3)		
5.	Declaration of interest by Consultant – SBD 4		
6.	Declaration of bidders Past Supply Chain Management practice – SBD 8		
7.	Certificate of Independent Bid Determination – SBD 9		
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) (to be labelled as E4)		
10.	Proof of the relevant professional Indemnity Insurance – Geotechnical, Civil and Structural Engineering : R5,0 million Electrical ,Mechanical Engineering : R3,0 million Architectural : R5,0 million Other : R3,0 million (to be labelled as E5)		
11.	Quotation from the Consultant (Attach Appendix A – Stamped and dated)		
12.	Company Profile (highlighting relevant experience on a similar project) (to be labelled as E6)		
13.	Attach proof of recently completed commissions on a similar project (i.e. Contract description, Contract value, client and client contact details for State & Private Works) to be labelled as E7)		
14.	Company Organogram clearly indicating the structure of the office where the project is intended to be awarded and name Professional Registration Number of the Resident Professional for the Project. to be labelled as E8)		

TENDERERS 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

All returnable documents (with the exception of the quotation letter) must be certified by the commissioner of oath and must not be older than 3 (three) months old from the date of request for quotation

APPENDIX C – CONTRACT DATA

C1.2 Contract Data

C1.2.1 Standard Professional Services Contract

The conditions applicable to this Contract are the **Standard Professional Services Contract (August 2005)** Second Edition of CIDB document 1015, published by the Construction Industry Development Board.

C1.2.2 Data provided by the Employer

Clause	
	<p>The General Conditions of Contract in the Standard Professional Services Contract (August 2005) 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>
1	The Employer is the Department of Public Works .
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.
1	The Project is to the provision of Mechanical Engineering Services for the Project.
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 T1.1 Notice and Invitation to Tender under item T1.1.4.
3.4.1	Communication by e-mail 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 C3.2.2 Project description. 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 ...”.
3.11.1	<p>Period of Performance shall be sub dividable in separate target dates according to the programme to be submitted in terms of clause 3.14 hereof.</p> <p>A Penalty amount of R500 per day will be applicable per target date, to a maximum equal to R15 000, after which the contract may be terminated.</p>
3.14	<p><u>For fees stipulated as “value based” in C2.1 Pricing Instructions, C2.1.1.1:</u></p> <p>Programme:</p> <p>A programme for the performance of the Service shall be submitted by the Service Provider, identified as the principal agent in terms of C3.5.1 Service Providers, to the departmental project manager, within a period of two (2) weeks following the briefing meeting.</p> <p>The programme will be the result of the co-ordination of all appointed Service Providers' inputs and shall be in sufficient detail describing key milestones, events and activities linked to the fastest realistic timeframes in which the Service can be delivered. Milestones and events are to be listed based on the Scope of Services described in part C3 of the various appointed Service Providers' tender documents and presented in bar chart format. No milestones may, at the co-</p>

	<p>ordination stage, be extended beyond the timeframes outlined in C3.2.2.3 Project Programme without acceptable reasons. The programme thus compiled and presented by the principal agent must be counter-signed by all appointed Service Providers as proof that the programme was agreed upon by all during the said co-ordination action.</p> <p>The Employer retains the right to negotiate such submitted programme with the principal agent in consultation with the appointed Service Providers, if required, to promote the interest of the project.</p> <p><u>For fees stipulated as "time based" in C2.1 Pricing Instructions, C2.1.1.1:</u> <u>Project Execution Plan (PEP):</u> A PEP for the performance of the Service shall be submitted by the Service Provider, to the departmental project manager, within a period of two (2) weeks following the briefing meeting.</p> <p>In the event of the Employer not being satisfied with the submitted PEP, the Parties will negotiate in good faith towards a PEP that will be agreeable to both. Such an agreed-upon PEP will form the basis for the management of the appointment and remuneration purposes. Should circumstance change from the initial briefing, the Service Provider and the Employer will negotiate a revised PEP to satisfy such change(s). Should the Parties fail to reach agreement on the PEP or revised PEP, the matter will be dealt with in terms of clause 12.1.2 of the General Conditions of Contract. Should the mediation process fail, the Contract will be deemed to have been mutually terminated and any reasonable fees accrued at that stage settled by the Employer.</p>
4.1.1	<p>Briefing meeting: The departmental project manager shall arrange a briefing meeting, compulsory for all appointed Service Providers, as soon as practicable after the appointment of the professional team as referred to in C3.5.1 Service Providers, or after the appointment of the core members of the professional team required to commence with the Services if not appointed at the same time, during which meeting the departmental project manager, together with any supporting advisors, will verbally brief the professional team comprehensively regarding the requirements of the project and the Scope of Services and hand over, to the Service Providers, all documentation relevant to the execution of the Service.</p>
4.4	Others providing Services on this Project are as listed in C3.5.1 Service Providers.
5.4.1	Minimum professional insurance cover of R2 million, with the first amount payable not exceeding 5% of the value of indemnity, and/or personal liability – all as more comprehensively described in C1.2.3 Data provided by the Service Provider and in respect of which the Service Provider must provide data as required.
5.5	<p>The Service Provider is required to obtain the Employer's prior approval in writing before taking any of the following actions:</p> <ol style="list-style-type: none"> 1. Travelling for which payment will be claimed, as defined in C2.1.7 Travelling and subsistence arrangements and tariffs of charges; 2. Deviate from the final programme as per the programme in clause 3.14 above; 3. Deviate from the programme (delayed or earlier); 4. Deviate from or change the Scope of Services; 5. 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 in clause 3.14 above (see C3 Scope of Services, C3.6 Brief).
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.
12.1.2	Interim settlement of disputes is to be by mediation.

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).
12.2.4 / 12.3.4	Final settlement is by litigation.
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.
13.4	Neither the Employer nor the Service Provider is liable for any loss or damage resulting from any occurrence unless a claim is formally made within 5 years from the date of termination or completion of the Contract.
13.5	The amount of compensation is unlimited.
13.6	The provisions of 13.6 do not apply to the Contract.
14.4	In the first sentence, change "... period of twenty four months after ..." to "... period of thirty six months after ...".
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 no1 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 or partnership named in C1.1 Form of Offer and Acceptance by the tendering Service Provider.
5.3	The authorised and designated representative of the Service Provider is the person named in the resolution PA-15.1 by the tendering Service Provider.
5.4.1	<p><u>Indemnification of the Employer</u></p> <p>I, the undersigned, being duly authorized by the Service Provider, in terms of the completed resolution</p> <p>..... (Name of authorized person)</p> <p>hereby confirm that the Service Provider known as:</p> <p>..... (Legal name of entity tendering herein)</p> <p>tendering on the project:</p> <p>.....</p> <p>..... (Name of project as per C1.1 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</p>

	<p>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, (i) accepts herewith full liability for the due fulfilment of all obligations in respect of this Service; and (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.</p> <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>CAPACITY:</p> <p>SIGNATURE:</p>																																	
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> <table border="1"> <thead> <tr> <th>Name</th> <th>Principal and/or employed professional(s)</th> <th>Specific duties</th> </tr> </thead> <tbody> <tr><td>1.</td><td></td><td></td></tr> <tr><td>2.</td><td></td><td></td></tr> <tr><td>3.</td><td></td><td></td></tr> <tr><td>4.</td><td></td><td></td></tr> <tr><td>5.</td><td></td><td></td></tr> <tr><td>6.</td><td></td><td></td></tr> <tr><td>7.</td><td></td><td></td></tr> <tr><td>8.</td><td></td><td></td></tr> <tr><td>9.</td><td></td><td></td></tr> <tr><td>10.</td><td></td><td></td></tr> </tbody> </table>	Name	Principal and/or employed professional(s)	Specific duties	1.			2.			3.			4.			5.			6.			7.			8.			9.			10.		
Name	Principal and/or employed professional(s)	Specific duties																																
1.																																		
2.																																		
3.																																		
4.																																		
5.																																		
6.																																		
7.																																		
8.																																		
9.																																		
10.																																		
7.2	A Personnel Schedule is not required.																																	

If the space provided in the table above is not sufficient to describe the **specific duties**, this space may be utilized for such purpose:

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 **Mechanical Engineering** Services will be paid on **Value basis as specified in clause C2.1.3**

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 percentage of the estimated fees (in the event of the basis for remuneration being indicated above as a "value based" fee)

or

The different rates for the different categories in C2.2.3 Activity Schedule for Time Based Fees, column (c) (in the event of the basis for remuneration being indicated above as a "time based" fee)

all as set out below.

C2.1.2 Remuneration for **Mechanical Engineering** Services

C2.1.2.1 **Professional fees shall be calculated as follows for Services rendered by the Service Provider:**

- **In the event of the basis for remuneration being a "value based" fee, the percentage of the normal fees tendered in "C2.2.2 Activity Schedule for Value Based Fees", column (b), plus Value Added Tax, all according to the provisions under C2.1.3;**

or

- **In the event of the basis for remuneration being a "time based" fee, the different rates tendered for the different categories in "C2.2.3 Activity Schedule for Time Based Fees", column (c), multiplied by the actual number of hours spent plus Value Added Tax, all according to the provisions under C2.1.4.**

C2.1.2.2 The amount tendered herein (C1.1) is for tender purposes only and will be amended according to the application of the value fee scale *vis-à-vis* the actual cost of construction (if basis of remuneration has been set at "value based" according to C2.1.1.1) or the actual number of hours for each level (if basis of remuneration has been set at "time based" according to C2.1.1.1).

C2.1.2.3 Reimbursable rates for typing, printing and duplicating work and forwarding charges as set out under C2.1.6 herein will be paid in full, irrespective of the percentage or rates tendered as referred to in C2.1.1.2 and C2.1.2.1 above.

C2.1.2.4 **Disbursements in respect of all travelling and related expenses** including all travelling costs, time charges and subsistence allowances related thereto **will not be paid for separately.** **Tenderers must make provision for and include all such costs in their tender when calculating the percentage or rates as described in C2.1.1.2 above.**

The site must be visited as often as the works require for the execution of all duties on the Project. The Service Provider must be available at 24 hours notice to visit the site if so required. All costs in this regard will be deemed to be included in the applicable fees as stated in C2.1.1.1.

C2.1.2.5 All fee accounts must be accompanied by an updated original written certification by the quantity surveyor, if appointed, of the amount(s) on which fees are based. The onus, however, rests on the

Service Provider to calculate fees on the appropriate value and according to the correct fee scale, read in conjunction with this Contract.

- C2.1.2.6 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.
- C2.1.2.7 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.
- C2.1.2.8 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.
- C2.1.2.9 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.

C2.1.3 Value based fees

- C2.1.3.1 Fees for work done under a value based fee
Where value based fees are payable (if basis of remuneration has been set at "value basis" according to C2.1.1.1), the Service Provider will be remunerated for Services rendered, subject to the provisions in C2.1.2 above and subject to the specific terms and conditions stated below and elsewhere in this document, in accordance with the **National Department of Public Works Scope of Engineering Services and Tariff of Fees for Persons Registered in terms of the Engineering Profession Act, 2000 (Act No. 46 of 2000)** dated 1 February 2010. This document is referred to as the "2010 NDPW - Scope of Engineering Services and Tariff of Fees" hereinafter and is appended as appendix A. This tariff of fees will be payable for the full Period of Performance.
- C2.1.3.2 Normal services
The fee for normal services shall be the tendered percentage based on the fee provided in the 2010 NDPW - Scope of Engineering Services and Tariff of Fees, clause 4.2.

Where the Service Provider is required to perform a portion of the normal services only, the relevant portion of the fee shall be paid.
- C2.1.3.3 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, or
 - if no tender is accepted, the net amount of the applicable portion of the lowest suitable tender, unless acceptable motivation can be provided to prove that such amount is unreasonable, or
 - if the contract is awarded by negotiation the negotiated price, or
 - if no tenders are invited or if no suitable tenders are received or if no negotiation is concluded, the estimate. The estimate shall be the one accepted by the Employer as representing the value of the works, which for purposes of interim payments will be deemed to be 80% of the engineers estimate or if appointed, 80% of the quantity surveyors estimate.

- C2.1.3.4 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. The fee shall relate to the type of documentation drawn up by the civil engineer in respect of each section of such work.
- C2.1.3.5 Time charges for work done under a value based fee
Where time charges are payable according to clause 3.2 of the 2010 NDPW - Scope of Engineering Services and Tariff of Fees as amended in C3.3.2 (if basis of remuneration has been set at "value based" according to C2.1.1.1), the principles as described in the 2010 NDPW - Scope of Engineering Services and Tariff of Fees, clause 4.4, and the rates set out below, will be applicable.
- C2.1.3.5.1 Time charges are reimbursable at rates applicable at the time of the actual execution of the specific service. The "Rates for Reimbursable Expenses" as amended from time to time and referred to below, is obtainable on the Employer's Website: <http://www.publicworks.gov.za/> under "Documents"; "Consultants Guidelines"; item 1.
- C2.1.3.5.2 The scale of fees on time charges, on which Value Added Tax is excluded, shall be at the following rates per hour, rounded off to the nearest rand: (see Table 8 of "Rates for Reimbursable Expenses" for the actual amounts calculated in accordance with to the principles laid down below):
- (i) registered professional principals*: 18,75 cents for each R100,00 of the total annual remuneration package attached to the lowest notch of a level 13 salary range (Director) in the Public Service;
 - (ii) registered professionals*: 17,5 cents for each R100,00 of the total annual remuneration package attached to the lowest notch of a level 12 salary range (Deputy Director second leg) in the Public Service;
 - (iii) registered technicians**: 16,5 cents for each R100,00 of his/her **gross annual remuneration**; provided that this hourly rate shall not exceed 16,5 cents for each R100,00 of the total annual remuneration package attached to the lowest notch of a level 11 salary range (Deputy Director first leg) in the Public Service.
- *(includes professional architects, professional quantity surveyors, professional engineers, professional technologists [engineering], professional planners and professional construction project managers)
- **(includes professional technicians [engineering] professional senior technologists [architectural], principal technologists [architectural] and technical planner).
- Hourly rates calculated in terms of (i), (ii) and (iii) above shall be deemed to include overheads and charges in respect of time expended by clerical Personnel which shall, therefore, not be chargeable separately.
- C2.1.3.5.3 Unless otherwise specifically agreed in writing, remuneration for the time expended by principals in terms of C2.1.3.5.2 (i) above 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.
- C2.1.3.5.4 Notwithstanding the above, where work is of such a nature that Personnel as described in C2.1.3.5.2 (iii) above are capable of performing such work, it shall be remunerated at that level and not at the rates described in (i) and (ii) above, irrespective of who in fact executed the work.
- C2.1.3.5.5 Gross annual remuneration in C2.1.3.5.2 (iii) above shall mean basic salary and guaranteed annual bonus; fringe benefits not included in basic salary; income benefit, as determined from time to time by the South African Revenue Services for income tax purposes, for the private use of a motor vehicle by the employer; employer's contribution to pension/provident fund, medical aid and group life assurance premiums; Compensation Fund and Unemployment Fund contributions, Metropolitan Council levies and any other statutory contributions or levies; all other costs and benefits as per conditions of appointment but excluding any share of profit and payment for overtime.

C2.1.3.5.6 The salaries referred to in C2.1.3.5.2 (i) to (iii) above can change from time to time, which will, therefore, change the rates applicable. These rates will, however, only be adjusted on the first day of each calendar year irrespective of any changes in salary ranges during the relevant year. The rates applicable at the time of the execution of the work as set out in Table 8 of the "Rates for Reimbursable Expenses", as amended from time to time, may be claimed.

C2.1.3.6 Additional Services

C2.1.3.6.1 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 C3.3.2.1. The cost of providing these services shall be deemed to be included in the value based fee tendered for normal services.

C2.1.3.6.2 Construction monitoring

The construction monitoring requirements are as specified in C3.3.2.2.

(a) If Level One, part time, monitoring has been specified then no separate payment shall be made for construction monitoring staff as specified in C3.3.2.2 (i)-(iii) or for the transport of the monitoring staff as specified in C3.3.2.2 (iv). The cost of providing construction monitoring staff and transport shall be deemed to be included in the value based fee tendered for normal services.

(b) If Level Two, full time, monitoring has been specified then provision shall be made in the Activity Schedule for the envisaged site staffing requirements as specified in C3.3.2.2 (i)-(iii). The unit of measure shall be the rate per calendar month (pro rata for part of a month). Payment shall only be applicable for the period actually established on site and shall in no instance be prior to the date of official handover of the Works to the Contractor or after the date of issue of the Certificate of Completion for the Works contract. The rates tendered for the relevant site staff shall include full compensation for all costs including, inter alia, the following:

- Salary
- Additional allowances
- Bonuses
- Leave and sick leave
- All company contributions such as provident fund, group life benefits, medical aid etc.
- Levies
- Office equipment as set out in C3.3.2.2 (iii)
- Relocation cost and accommodation
- Travelling
- Handling cost and profit.

Payment for personnel shall exclude any periods of leave or sick leave. Time sheets for staff shall be included in the monthly fee account submitted to the Employer for payment. Replacement of staff as a result of any extended period of leave or sick leave outside of the normal contractor's year end break shall be to the approval of the Employer.

No separate payment shall be made for the transport of the construction monitoring staff as specified in C3.3.2.2 (iv) and the cost of the transport shall be deemed to be included in the monthly rate tendered for the provision of the staff.

C2.1.3.6.3 Occupational Health and Safety Act, 1993 (Act No. 85 of 1993)

No separate payment shall be made for the service specified in C3.3.2.3. The cost of providing this service shall be deemed to be included in the value based fee tendered for normal services.

C2.1.3.6.4 Quality Assurance System

No separate payment shall be made for the implementation of a quality management system as specified in C3.3.2.4. The cost of providing this service shall be deemed to be included in the value based fee tendered for normal services.

C2.1.3.6.5 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 as specified in C3.3.2.5. The cost of providing this service shall be deemed to be included in the value based fee tendered for normal services.

C2.1.3.6.6 Principal Agent of the Client

No separate payment shall be made for assuming the role of principle agent of the Employer if specified in C3.3.2.6. The cost of providing this service shall be deemed to be included in the value based fee tendered for normal services.

C2.1.3.6.7 Environmental Impact Assessment

No separate payment shall be made for the service specified in C3.3.3.1. The cost of providing this service shall be deemed to be included in the value based fee tendered for normal services.

C2.1.3.6.8 Other unspecified services

The Employer may order duties that fall outside the scope of the project as tendered. Such additional duties may involve, but not limited to:

- Additional design requirements
- Evaluation of alternative tenders
- Additional investigations during the Defects and Liability Period
- Diverse other services

Any such additional services that may be required will be remunerated on a Time Basis as set out in C2.1.3.5. The level of expertise necessary for any such additional work shall be concomitant with the issues to be addressed. The category of personnel necessary to undertake the work shall be approved by the Employer. Any additional identified service shall be fully scheduled and submitted to the Employer for approval prior to the commencement thereof.

C2.1.4 Time based fees

C2.1.4.1 Fees for work done under a time based fee

Where time based fees are payable (if basis of remuneration has been set at "time basis" according to C2.1.1.1), the principles as described in clauses 4.4 (1), (2) and (3) of the 2010 NDPW - Scope of Engineering Services and Tariff of Fees, excepting that the rates referred to in clause 4.4 (3) shall be replaced by the various rates per hour tendered for the various categories in C2.2.3 Activity Schedule for Time Based Fees, column (e). These rates will be used for the full Period of Performance.

C2.1.4.2 The various categories (referred to in C2.2.3 Activity Schedule for Time Based Fees, are the categories described in clauses 4.4 (2) of the 2010 NDPW - Scope of Engineering Services and Tariff of Fees.

C2.1.4.3 Work will be remunerated for at the category level in which it falls as defined in C2.1.4.2 above, irrespective of whether the person who in fact executed the work functions at a higher category of responsibility and competence.

C2.1.5 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.

C2.1.6 Typing, printing and duplicating work and forwarding charges

C2.1.6.1 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 Employer's Website: : <http://www.publicworks.gov.za/> under "Documents"; "Consultants Guidelines"; item 1.

C2.1.6.2 Typing and duplicating

If the Service Provider cannot undertake the work himself, he may have it done by another service provider which specialises 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.

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.

C2.1.6.3 Drawing duplication

(a) For drawing duplication the standard rate as set out in Table 2 in the "Rates for Reimbursable Expenses" may be claimed or may be claimed according to the provisions as in (b) or (c) below.

(b) If the Service Provider undertakes the duplication of drawings, using his own duplication equipment, he shall be paid the actual cost incurred on condition that it is not higher than the lowest of three quotations of local firms doing drawing duplication in his locality. Such quotations must accompany his account.

(c) If the Service Provider does not undertake his own drawing duplication, he shall be paid the lowest of three quotations of local firms doing plan printing in his locality. Such quotations must accompany his account.

(d) Should there not be three firms doing drawing duplication in his locality, it must be mentioned on his account and the available quotation(s) must then accompany the account.

(The cost of providing all polyester negative prints required to form part of the original set of drawings, as-built drawings including computer assisted drawing records for all facets/disciplines involved in the project are included in the tendered fees and will not be reimbursed separately.)

C2.1.6.4 Forwarding charges

(a) Only the charges in respect of the forwarding of parcels by courier or air freight on special request by the Employer will be refunded, provided that such charges will not be refunded if the request had been made as a result of a delay caused by the Service Provider.

(b) The cost of postage, facsimile transmissions, telephone calls, e-mails, etc, is deemed to be included in the value based fees and time based fees paid.

C2.1.7 Travelling and subsistence arrangements and tariffs of charges

Notwithstanding the ruling in C2.1.2.4 above (regarding disbursements and travelling expenses which will not be paid separately), 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 C2.1.7.1 to C2.1.7.5 herein.

C2.1.7.1 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.

C2.1.7.2 Travelling time

Fees for travelling time are as set out in Table 8 in the "Rates for Reimbursable Expenses".

Fees are payable for travelling time at the tariff, as set out in C2.1.3.5 Time charges for work done under a value based fee. Travelling time will be fully reimbursed.

C2.1.7.3 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.

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 3000 cubic centimetres, prescribed from time to time and as set out in Table 3 in the "Rates for Reimbursable Expenses".

C2.1.7.4 Hired vehicles

In cases where use is made of hired vehicles, the most economical sized vehicle available is to be used but compensation shall nevertheless be restricted to the cost of a hired car not exceeding a capacity of 1600 cc. Where use of a special vehicle is essential (e.g. four track or minibus to accommodate more people), prior approval in writing must be obtained from the departmental project manager.

C2.1.7.5 Subsistence allowance

The subsistence allowances are as set out in Tables 4 and 5 in the "Rates for Reimbursable Expenses".

Only actual costs are payable in respect of absence from office of less than 24 hours.

Should the daily tariff as set out in Table 4 be inadequate, substantiated actual costs plus a special daily allowance as shown in Table 5 for incidental expenses, may be claimed. It must be noted that claims may only be according to Table 4 or Table 5. Accommodation should be limited to the equivalent of a three star hotel and no alcoholic beverages or entertainment costs may be claimed for.

C2.2 Activity Schedule

C2.2.1 Activities

C2.2.1.1 The services as defined in the C3 Scope of Services are required. The activity schedule below lists the normal services as defined in the Government Gazetted Tariffs - Scope of Engineering Services and Tariff of Fees, (Appendix A), clause 3 and as further defined in C3 Scope of Services, as well as additional services as defined in C3 Scope of Services, of this document. (The clause references refer to the corresponding clauses in the 2010 NDPW - Scope of Engineering Services and Tariff of Fees.)

C2.2.1.2 The estimated normal fees have been calculated using the Government Gazetted Tariffs - Scope of Engineering Services and Tariff of Fees, (Appendix A), by applying the applicable fee scale given in clause 4.2.1 (1)-(2) for an engineering project or clause 4.2.2 (1) for a building project, to determine the basic fee and by multiplying the basic fee by the applicable multiplication factor given in clause 4.2.1 (4) or clause 4.2.2 (2) respectively. The cost of the works and the values used to determine the multiplication factors are defined in C 3.2.2.3.

No allowance has been made in the estimated normal fees below for the additional services in C2.1.3.6 that have been specified to be included in the normal fees. The tenderer shall make provision for the cost of the additional services that are to be included under normal services by adjusting the percentage tendered in column (b).

C2.2.1.3 The services are to be provided in stages and the proportioning of the fee for normal services over the various stages shall be as set out in the Government Gazetted Tariffs - Scope of Engineering Services and Tariff of Fees, (Appendix A), clause 4.2.8.

C2.2.1.4 The tenderer must make provision for all activities necessary for the execution of the service as set out in C3 Scope of Services.

Annexure B

3. GUIDELINE SCOPE OF SERVICES

The following guideline scope of services are provided to indicate which services would normally be provided and for which the guidelines tariffs would typically represent reasonable compensation. In agreeing the scope of services and the scope of work to be carried out, the client and consulting engineer should review the scope of services and list the applicable normal and additional services and agree the related compensation.

3.1 Planning, Studies, Investigations and Assessments

These typical services relate to carrying out studies and investigations as well as the preparation and submission of reports embodying preliminary proposals or initial feasibility studies and will normally be remunerated on a time and cost basis.

- (1) Consultation with the client or client's authorized representative.
- (2) Inspection of the site of the project.
- (3) Developing a scope of work where required.
- (4) Preliminary investigation, route location, planning and a level of design appropriate to allow decisions on feasibility.
- (5) Consultation with authorities having rights or powers of sanction as well as consultation with the public and stakeholder groups.
- (6) Advice to the client as to regulatory and statutory requirements, including environmental management and the need for surveys, analyses, tests and site or other investigations, as well as approvals, where such are required for the completion of the report, and arranging for these to be carried out at the client's expense.
- (7) Searching for, obtaining, investigating and collating available data, drawings and plans relating to the works.
- (8) Investigating financial and economic implications relating to the proposals or feasibility studies.
- (9) Clause (8) does not normally apply to civil and structural services on **Building Projects**, where these services are provided by a Quantity Surveyor, except as far as the interpretation of cost figures the Engineer's **scope of work** is concerned.

Deliverables will typically include:

- ◆ Collation of information.
- ◆ Reports on technical and financial feasibility and related implications.
- ◆ List of consents and approvals.
- ◆ Schedule of required surveys, tests, analyses, site and other investigations.

3.2 Normal Services

These services listed below are applicable to projects where the nature, form and function of the facility has been defined through previous investigations and reports and the engineering services are required to take the project through to successful completion of construction.

Note, in building or multi-disciplinary projects all calculation of quantities and related cost estimates are the responsibility of the quantity surveyor and are not included as normal services of the Engineer. These services are shown in *italics* in the following lists.

In other projects where quantity surveyors are not involved these services will be the responsibility of the Engineer.

In certain instances on building or multi-disciplinary projects these services are provided with the assistance of the engineers in the respective disciplines and the specific scope should be formulated with care. For example, on building projects the electrical engineer may calculate quantities and related costs and will be compensated for this as an additional service.

In the case where only a single consulting engineer is appointed on a project and the required services extend through to stage 4, 5 and 6, the services of the Principal Agent defined under paragraph 3.3.8 are included as normal services and must be agreed between the parties.

3.2.1 Stage 1 – Inception

(Defined as: Establish client requirements and preferences, assess user needs and options, appointment of necessary consultants, establish the project brief including project objectives, priorities, constraints, assumptions aspirations and strategies)

- (1) Assist in developing a clear project brief.
- (2) Attend project initiation meetings.
- (3) Advise on procurement policy for the project.
- (4) Advise on the rights, constraints, consents and approvals.
- (5) Define the scope of services and scope of work required.
- (6) Conclude the terms of the agreement with the client.
- (7) Inspect the site and advise on the necessary surveys, analyses, tests and site or other investigations where such information will be required for Stage 2 including the availability and location of infrastructure and services.
- (8) Determine the availability of data, drawings and plans relating to the project.
- (9) Advise on criteria that could influence the project life cycle cost significantly.
- (10) Provide necessary information within the agreed scope of the project to other consultants involved.

Deliverables will typically include:

- ◆ Agreed scope of services and scope of work.
- ◆ Signed agreement.
- ◆ Report on project, site and functional requirements.
- ◆ Schedule of required surveys, tests, analyses, site and other investigations.
- ◆ Schedule of consents and approvals.

3.2.2 Stage 2 – Concept and Viability (Often called Preliminary Design)

(Defined as: Prepare and finalise the project concept in accordance with the brief, including project scope, scale, character, form and function, plus preliminary programme and viability of the project)

- (1) Agree documentation programme with principal consultant and other consultants involved.
- (2) Attend design and consultants' meetings.
- (3) Establish the concept design criteria.
- (4) Prepare initial concept design and related documentation.
- (5) Advise the client regarding further surveys, analyses, tests and investigations which may be required.
- (6) Establish regulatory authorities' requirements and incorporate into the design.
- (7) Refine and assess the concept design to ensure conformance with all regulatory requirements and consents.
- (8) Establish access, utilities, services and connections required for the design.
- (9) Coordinate design interfaces with other consultants involved.

- (10) Prepare preliminary process designs, preliminary designs, and related documentation for approval by authorities and client and suitable for costing.
- (11) *Provide cost estimates and comment on life cycle costs as required.*
- (12) Liaise, co-operate and provide necessary information to the client, principal consultant and other consultants involved.

Typical deliverables will include:

- ◆ Concept design.
- ◆ Schedule of required surveys, tests and other investigations and related reports.
- ◆ Process design.
- ◆ Preliminary design.
- ◆ *Cost estimates as required.*

3.2.3 Stage 3 – Design Development (also termed Detail Design)

(Defined as: Develop the approved concept to finalise the design, outline specifications, cost plan, financial viability and programme for the project)

- (1) Review documentation programme with principal consultant and other consultants involved.
- (2) Attend design and consultants' meetings.
- (3) Incorporate client's and authorities' detailed requirements into the design.
- (4) Incorporate other consultant's designs and requirements into the design.
- (5) Prepare design development drawings including draft technical details and specifications.
- (6) *Review and evaluate design and outline specification and exercise cost control.*
- (7) *Prepare detailed estimates of construction cost.*
- (8) Liaise, co-operate and provide necessary information to the principal consultant and other consultants involved.
- (9) Submit the necessary design documentation to local and other authorities for approval.

Typical deliverables will include:

- ◆ Design development drawings.
- ◆ Outline specifications.
- ◆ Local and other authority submission drawings and reports.
- ◆ *Detailed estimates of construction costs.*

3.2.4 Stage 4 – Documentation and Procurement

(Defined as: Prepare procurement and construction documentation, confirm and implement the procurement strategies and procedures for effective and timeous procurement of necessary resources for execution of the project.)

- (1) Attend design and consultants' meetings.
- (2) Prepare specifications and preambles for the works.
- (3) Accommodate services design.

- (4) *Check cost estimates and adjust designs and documents if necessary to remain within budget.*
- (5) *Formulate the procurement strategy for contractors or assist the principal consultant where relevant.*
- (6) *Prepare documentation for contractor procurement.*
- (7) *Review designs, drawings and schedules for compliance with approved budget.*
- (8) *Calling for tenders and/or negotiation of prices and/or assist the principal consultant where relevant.*
- (9) *Liaise, co-operate and provide necessary information to the principal consultant and the other consultants as required.*
- (10) *Evaluation of tenders.*
- (11) *Preparation of contract documentation for signature*
- (12) *Assist in pricing, documentation and tender evaluation as required when the detailed services for these activities are provided by others.*
- (13) *Assess samples and products for compliance and design intent.*

Typical deliverables will include:

- ♦ *Specifications.*
- ♦ *Services co-ordination.*
- ♦ *Working drawings.*
- ♦ *Budget construction cost.*
- ♦ *Tender documentation.*
- ♦ *Tender evaluation report.*
- ♦ *Tender recommendations.*
- ♦ *Priced contract documentation.*

3.2.5 Stage 5 – Contract Administration and Inspection

(Defined as: Manage, administer and monitor the construction contracts and processes including preparation and coordination of procedures and documentation to facilitate practical completion of the Works)

- (1) *Attend site handover.*
- (2) *Issue construction documentation in accordance with the documentation schedule including, in the case of structural engineering, reinforcing bending schedules and detailing and specifications of structural steel sections and connections.*
- (3) *Carry out contract administration procedures in terms of the contract.*
- (4) *Prepare schedules of predicted cash flow.*
- (5) *Prepare pro-active estimates of proposed variations for client decision making.*
- (6) *Attend regular site, technical and progress meetings.*
- (7) *Inspect works for conformity to contract documentation*
- (8) *Adjudicate and resolve financial claims by contractor(s).*
- (9) *Assist in the resolution of contractual claims by the contractor.*

- (10) *Establish and maintain a financial control system.*
- (11) Clarify details and descriptions during construction as required.
- (12) *Prepare valuations for payment certificates to be issued by the principal agent.*
- (13) Witness and review of all tests and mock ups carried out both on and off site.
- (14) Check and approve contractor drawings for design intent.
- (15) Update and issue drawings register.
- (16) Issue contract instructions as and when required.
- (17) Review and comment on operation and maintenance manuals, guarantee certificates and warranties.
- (18) Inspect the works and issue practical completion and defects lists.
- (19) Arranging for the delivery of all test certificates, statutory (regulatory) and other approvals, as built drawings and operating manuals

Typical deliverables will include:

- ◆ *Schedules of predicted cash flow.*
- ◆ Construction documentation.
- ◆ Drawing register.
- ◆ *Estimates for proposed variations.*
- ◆ Contract instructions.
- ◆ *Financial control reports.*
- ◆ *Valuations for payment certificates.*
- ◆ *Progressive and draft final account(s)*
- ◆ Practical completion and defects list
- ◆ Electrical Certificate of Compliance

Where a quantity surveyor is included in the project team in building works, items 4,5,8,10 and 12 and related deliverables will not be required from the engineer.

3.2.6 Stage 6 – Close-Out

(Defined as: Fulfil and complete the project close-out including necessary documentation to facilitate effective completion, handover and operation of the project)

- (1) Inspect and verify the rectification of defects
- (2) *Receive, comment and approve relevant payment valuations and completion certificates*
- (3) Facilitate and/or procure final operations and maintenance manuals, guarantees and warranties.
- (4) Prepare and/or procure as-built drawings and documentation.
- (5) *Conclude the final accounts where relevant.*

Typical deliverables will include:

- ◆ *Valuations for payment certificates*
- ◆ Works and final completion lists
- ◆ Operations and maintenance manuals, guarantees and warranties

- ♦ As-built drawings and documentation
- ♦ *Final accounts*

3.3 Additional Services

The following services are additional to the normal services provided by the consulting engineer, unless specifically agreed otherwise between the consulting engineer and the client. The agreement on the scope of services and remuneration shall be in writing and should, if at all possible, be concluded before such services are rendered.

3.3.1 Additional Services pertaining to all Stages of the Project

- (1) All services related to defining the scope of work, previously carried out under the report stage and that was normally paid for on a time and cost basis.
- (2) Enquiries not directly concerned with the works and its subsequent utilisation.
- (3) Valuation for purchase, sale or leasing of plant, equipment, material, systems, land or buildings or arranging for such valuation.
- (4) Making arrangements for way leaves, servitudes or expropriations.
- (5) Negotiating and arranging for the provision or diversion of services not forming part of the works.
- (6) Additional work in obtaining the formal approval of the appropriate Government Departments or Public Authorities, including the making of such revisions as may be required as a result of decisions of such Departments or Authorities arising out of changes in policy, undue delay, or other causes beyond the consulting engineer's control.
- (7) Additional work related to monitoring as required by any Government Departments or Authorities in order to facilitate regulatory approvals and certification (e.g. Mines Health and Safety Act 29 of 1996).
- (8) Topographical and environmental surveys, analyses, tests and site or foundation or other investigations, model tests, laboratory tests and analyses carried out on behalf of the client.
- (9) Setting out or staking out the works and indicating any boundary beacons and other reference marks.
- (10) Preparation of drawings for manufacture and installation or detailed checking of such for erection or installation fit.
- (11) Detailed inspection, reviewing and checking of designs and drawings not prepared by the consulting engineer and submitted by any contractor or potential contractor as alternative to those embodied in tender or similar documents prepared by the consulting engineer.
- (12) Travel and travel time costs related to offsite inspection and testing of materials and plant during manufacture and/or prior to delivery to site.
- (13) Preparing and setting out particulars and calculations in a form required by any relevant authority.
- (14) Abnormal additional services by or costs to the consulting engineer due to the failure of a contractor or others to perform their required duties adequately and on time.
- (15) Executing or arranging for the periodic monitoring and adjustment of the works, after final handover and completion of construction and commissioning, in order to optimise or maintain proper functioning of any process or system.
- (16) Investigating or reporting on tariffs or charges leviable by or to the client.
- (17) Advance ordering or reservation of materials and obtaining licenses and permits.
- (18) Preparing detailed operating, operation and maintenance manuals.
- (19) Additional services, duties and/or work resulting from project scope changes, alterations and/or instructions by the client, or his duly authorized agents, requiring the consulting

engineer to advise upon, review, adapt and/or alter his completed designs and/or any other documentation and/or change the scope of his services and/or duties. Such additional services are subject to agreement in writing between the consulting engineer and the client prior to the execution thereof.

- (20) The frequency and extent of site administration and inspections that are required relative to the norm: The frequency and duration of works inspections will depend on many factors, such as the nature, complexity and duration of the project, site location, project programme, contractor competence, important elements of the works being enclosed or covered etc. The norm is that meetings and inspections should occur at an average frequency of once every 2 weeks with more frequent occurrences during critical stages of the Works.
- (21) When the Works Contract is extended beyond the awarded contract period due to poor contractor performance or unforeseen circumstances, attendance at such meetings and related inspections may be considered as additional services.
- (22) Where more frequent inspections are required due to poor contractor performance or other extraneous factors these will normally be considered to be additional services.
- (23) Preparing as-built drawings on designs done by others or related to alterations to existing works.
- (24) Work and or services related to targeted procurement that could entail, but is not necessarily limited to any or all of the following:
 - incorporation of any targeted participation goals,
 - the measuring of key participation indicators,
 - the selection, appointment and administration of participation and;
 - auditing compliance to the above by any contractors and/or professional consultant.
- (25) Exceptional arrangements, communication, facilitation and agreements with any stakeholders other than the client and contractors appointed for the works on which the consulting engineer provides services.
- (26) Any other additional services, of whatever nature, specifically agreed to in writing between the consulting engineer and the client.

3.3.2 Construction Monitoring

- (1) If the construction monitoring, as set out in clause 3.2.5, is deemed to be insufficient by the parties, the **consulting engineer** may, with prior written approval having been obtained from the **client**, appoint or make available additional staff for such construction monitoring on site to the extent specifically defined and agreed with the **client**. The functions in respect of additional construction monitoring are to be limited to detailed inspections and exclude those mentioned under clause 3.2.5. In particular, such monitoring is required where designed elements are normally buried or covered or become inaccessible during the course of the Works.
- (2) Alternatively, the **client** may appoint or make available staff, as intended in clause (1), subject to approval by the **consulting engineer**.
- (3) Staff, as intended in clauses (1) and (2), shall report to and take instructions from the **consulting engineer** or an authorized representative of the **consulting engineer** only and shall be deemed to be in the employ of the **consulting engineer**.
- (4) Should any change regarding the persons utilized for additional on-site monitoring or their remuneration or duration of services be necessary, the utilization of such persons and/or their remuneration must be agreed in writing with the **client** prior to the implementation thereof.
- (5) If, for any reason, no additional staff or inadequate staff for construction monitoring is appointed, the **consulting engineer** shall provide additional services, including additional

site visits, as required and agreed to in writing with the **client** prior to commencement thereof.

- (6) The duties of the **consulting engineer** for the following four defined levels of construction monitoring, respectively, are as follows:

(a) Level 1:

The construction monitoring staff shall:-

- (i) Monitor the outputs from another party's quality assurance programme against the requirements of the plans and specifications.
- (ii) Visit the **works** at a frequency agreed with the **client** to review important materials, critical work procedures and/or completed elements or components.
- (iii) Be available to advise the **contractor** on the technical interpretation of the plans and specifications.

(b) Level 2:

The **construction monitoring** staff shall:-

- (i) Review, preferably at the earliest opportunity, a sample of each important –
Work procedure
Construction material
for compliance with the requirements of the plans and specifications and review representative samples of important completed work prior to enclosure or completion as appropriate.
- (ii) Visit the **works** at a frequency agreed with the **client** to review important materials, critical work procedures and/or completed elements or components.
- (iii) Be available to provide the **contractor** with technical interpretation of the plans and specifications.

(c) Level 3:

The **construction monitoring** staff shall:

- (i) Maintain a part-time presence on site as agreed with the **client** to review random samples and review important completed work prior to enclosure or on completion as appropriate.
- (ii) Where the **consulting engineer** is the sole consultant or **principal agent**, carry out such administration of the **project** as is necessary on behalf of the **client**.
- (iii) Be available to provide the **contractor** with technical interpretation of the plans and specifications.

(d) Level 4:

The **construction monitoring** staff shall:-

- (i) Maintain a full time presence on site to constantly review –
Work procedures
Construction materials
for compliance with the requirements of the plans and specifications and review completed work prior to enclosure or on completion and include in as-built records and drawings as appropriate.
- (ii) Where the **consulting engineer** is the sole consultant or **principal agent**, carry out such administration of the **project** as is necessary on behalf of the **client**.

4.2.6 Mechanical Engineering pertaining to Building Projects

- (1) The basic fee for normal services in the discipline of mechanical engineering or wet services, pertaining to **Building Projects**, is determined from the table below. The fee is the sum of the primary fee and the secondary fee applicable to the specific cost of the works in respect of which the services were rendered on the project excluding the report stage described in clause 3.2.1 which shall be reimbursed on a time basis in terms of clause 4.5.

Cost of the Works		Basis of Fee Calculation	
For projects up to R 512 000		A Lump Sum or on a Time Basis	
Where the cost of the works:		Primary Fee	Secondary fee
Exceeds	But does not exceed		
R 512 000	R 1 280 000	R 76 800	15,0% on the balance over R 512 000
R 1 280 000	R 6 300 000	R 192 000	12,5% on the balance over R 1 280 000
R 6 300 000	R 12 850 000	R 819 500	10,5% on the balance over R 6 300 000
R 12 850 000	R 32 000 000	R 1 507 250	9,5% on the balance over R 12 850 000
R 32 000 000	R 64 000 000	R 3 326 500	9,0% on the balance over R 32 000 000
R 64 000 000	R 385 500 000	R 6 206 000	8,5% on the balance over R 64 000 000
R 385 500 000		R 33 534 000	8,5% on the balance over R385 500 000

- (2) For normal services relating to a description of the works mentioned in the first column of the following table, the proportion of the basic fee relating to the specific item calculated in terms of clause (1) is normally multiplied by the category factor mentioned against that description in the second column of the table. In case more than one of the descriptions below applies, the effective factor will typically be the product of the factors involved.

These factors do not apply when fees are a lump sum or on a time basis.

Description of the Works	Typical factor by which basic fee is multiplied
Multi-tenant installations	1,25
Alterations to existing works or contractor development (Only applicable to the fees on the portion or section of works affected)	1,25
Wet services, for domestic hot and cold water and drainage pipe work inside buildings.	1,25
Duplication of works (Only applicable to the design portion of the fees on duplicated works)	0,25
For projects where the cost of the works exceeds R 300,000 and where bills of quantities are not required from the consulting engineer and all financial, tender and contractual matters are dealt with by the Quantity Surveyor or other parties.	0,75
As above, but bills of quantities for are not required from the consulting engineer and all financial, tender and contractual matters are dealt with by the consulting engineer (e.g. lump sum, nominated or selected sub-contracts, etc.)	0,90

4.2.9 Services provided partially or in Stages

- (1) The following table shows typical percentages that are typically used for proportioning the basic fee for normal services over the various stages of the services. The actual percentage used should be adjusted for individual projects through negotiation and depending on the work involved in each stage, the value that can be added in each stage and any commercial considerations that may be applicable:

Stage of Services	Typical percentage points for each stage
Civil: Engineering Projects:	
Inception	5
Concept and Viability	25
Design Development	25
Documentation and Procurement	15
Contract Administration and Inspection	25
Close-Out	5
Structural: Engineering Projects:	
Inception	5
Concept and Viability	25
Design Development	30
Documentation and Procurement	10
Contract Administration and Inspection	25
Close-Out	5
Civil: Building Projects:	
Inception	5
Concept and Viability	25
Design Development	25
Documentation and Procurement	15
Contract Administration and Inspection	25
Close-Out	5
Structural: Building Projects:	
Inception	5
Concept and Viability	25
Design Development	30
Documentation and Procurement	15
Contract Administration and Inspection	20
Close-Out	5
Mechanical, electrical and electronic projects:	
Inception	5
Concept and Viability	15
Design Development & Documentation and Procurement	30
Contract Administration and Inspection	40
Close-Out	10

- (2) Where not all the stages of the normal services are provided by the consulting engineer, the fee is, subject to clause 4.1(7), calculated as a percentage of the total fee calculated in terms of this clause, which percentage is the sum of the percentage points appropriate to each stage as set out in the above table against those stages of the services provided by the consulting engineer, typically plus 10 percentage points to allow the engineer to become familiar with the project.

Annexure C

CATHERINE BOOTH ASSESSMENT REPORT								
MALE & FEMALE WARD, PAEDIATRICS WARD BED SUMMARY								
	MDR Ward	Maternity Ward	Paeds Ward	Male Ward	Female Ward	Seclusion Rm	Total	%
Hospital currently approved bed numbers	40	15	30	40	45	Included In Ward no's	170	100
Beds numbers currently available in wards	40	13	26	30	39	2	150	88%
New Bed numbers given by Dr Govender	40	15	10	30	30	3	128	75%
Bed numbers that will fit in current wards should we comply to spatial requirements	40	15	5	14	17	1	92	54%
<p>Scope of Works. The scope briefing meeting that was held at Catherine Booth Hospital on 25 November 2015 at 11h00 with Mr E. Crafford and Mr W. Coetzee where the consultants were informed of the current moratorium from DOH which resulted in the current project scope to build new wards to be stopped and the project will revert back to renovations and refurbishment of the existing wards.</p> <p>Document Layout. The attached document describes the current condition of the Male, Female and Paediatrics Ward. The QS will provide a cost estimate on the following two options namely;</p> <p>Option 1 Upgrade -</p> <ul style="list-style-type: none"> Existing wards Existing sluices, Cleaners Rooms, Utility Rooms, Store Rooms, Consultations Rooms, Nurses Stations, Staff Rooms & Ward Kitchens <p>to the current building regulations requirements set out below, but will not adhere to the spatial requirements of</p> <ul style="list-style-type: none"> DOH Policy Document The IUSS Health Facilities Guide. <p>This will keep the bed spacing and numbers as currently laid out at hospital at 150 bed which is 88% of Current Bed Total. This option will require;</p> <ul style="list-style-type: none"> New roof assembly with wall built up to correct level for ceiling of 3m high A complete new installation for the electrical works. <p>Option 2 Upgrade -</p> <ul style="list-style-type: none"> Existing wards Existing sluices, Cleaners Rooms, Utility Rooms, Store Rooms, Consultations Rooms, Nurses Stations, Staff Rooms & Ward Kitchens <p>to the current building regulations requirements set out below, and adhere to the spatial requirements of</p> <ul style="list-style-type: none"> DOH Policy Document The IUSS Health Facilities Guide. <p>This will drastically reduce the hospital to a 92 bed hospital at 54% of current Bed Total This option will require;</p> <ul style="list-style-type: none"> New roof assembly with wall built up to correct level for ceiling of 3m high A complete new installation for the electrical works. <p>Architects Comment on above options. To upgrade wards to bed numbers given by Dr Govender and to fully comply with the building regulation requirements as set out below the hospital will have to be extensively redesigned to accommodate the larger wards and the correctly sized sluices, Cleaners Rooms, Utility Rooms, Store Rooms, Consultations Rooms, Nurses Stations, Staff Rooms & Ward Kitchens. All surface beds in wet areas will have to be demolished and redone according to SANS 10400-J: Floors - Waterproofing of floors in wet areas.</p> <p>MDR Ward. New recently constructed ward which requires no Architectural upgrades. Mechanical Engineer needs to confirm that medical gas is provided at the ward.</p> <p>Maternity Ward. Maternity ward in very good condition and requires no Architectural upgrades. Mechanical Engineer needs to confirm that medical gas is provided at the ward. Refer to Electrical Engineers Report regarding light fittings and bedhead ducting.</p> <p>Paediatrics Ward. Paediatrics Ward in poor condition with roof leaks in some wards. Building not complying with the building regulations requirements as set out below.</p> <p>Male Ward. Male Ward in poor condition with roof leaks in some wards. Building not complying with the building regulations requirements as set out below.</p> <p>Female Ward. Female Ward in poor condition with roof leaks in some wards. Building not complying with the building regulations requirements as set out below.</p> <p>Building Regulation Requirements Buildings must comply with the National Building Regulations of SANS 10400 including but not limited to SANS 10400-B: Public Safety, SANS 10400-N: Glazing, SANS 10400-O: Lighting and Ventilation, SANS 10400-S: Facilities for Persons with disabilities, SANS 10400-T: Fire Protection, SANS 10400-XA: Energy Usage in Buildings. Buildings must also comply with the Kwazulu-Natal Department of Health Infrastructure Development Engineering advisory services: Policy document for the Design of Structural Installations (to be used strictly as a design guide only) Implementation date: January 2006 Rev: 7 Jan 2013 In Addition the interior of the buildings' spatial & equipment requirements must also comply with the IUSS Health Facilities Guides for the following categories; Adult Critical Care, TB Services, Adult Physical Rehabilitation, Paediatrics and Neonatology, Emergency Centres, Mental Health, Facilities for Surgical Procedures, Obstetrics - Maternity Care Facilities, Primary Health Care, Adult In - Patient Services</p>								
Current Sanitaryware Provided at Hospital	MDR Ward	Maternity Ward	Paeds Ward	Male Ward	Female Ward	Seclusion Rm	Total	%
Waste Closests	?	7	4	3	6	-	20	100
Wash Hand Basins	?	8	?	4	3	-	15	100
Urinals	?	-	-	2	1	-	3	100
Baths	?	4	2	3	10	-	19	100
Actual Sanitaryware Required at Hospital	MDR Ward	Maternity Ward	Paeds Ward	Male Ward	Female Ward	Seclusion Rm	Total	%
Waste Closests	9	4	6	9	9	-	37	185
Wash Hand Basins	8	4	6	8	8	-	34	227
Urinals	4	2	3	4	4	-	17	567
Baths	8	2	6	8	8	-	32	168

CATHERINE BOOTH ASSESSMENT REPORT

MATERNITY, MALE & FEMALE WARD, PAEDIATRICS WARD ELECTRICAL SUMMARY



The electrical installation to the existing wards with the exception of the Maternity Ward are in a very poor condition and do not comply with the SANS 1-0142 regulation in terms of wiring of premises.

Maternity Ward

The existing installation to this ward is in a good condition and with minor addition to the installation it can be brought up to the Department of Health policy requirements.

The existing light fitting need to be replaced from the existing Induction Ballast type to the new Energy saving Electronic Ballasts. Addition plugs to be installed in the Bedhead ducting to comply with the health policy document.

The installation would need to be re-tested and the issue of Certificate of Compliance & lightning Protection Certificates.

The Fire / Smoke detection and Nurse call system to be serviced and compliance certificates issued.

Female / Male & Paediatrics Wards

The general condition of these wards is in a very poor condition and do not comply the SANS regulations. There are light fitting missing and faulty with very few lights working. The number of plugs in the wards do not comply with the health policy document and some of these are faulty or have been removed. The condition of the passage's / walkway and ablution are in the same poor condition as per the wards.

There is no lightning Protection to the building and the earth bonding seems to be non-existent. All these are major concerns for the well been and safety of the patients and staff.

Health Policy Requirements

In order for these wards to be upgraded to meet the Department of Health requirements the following installation would have to be carried out.

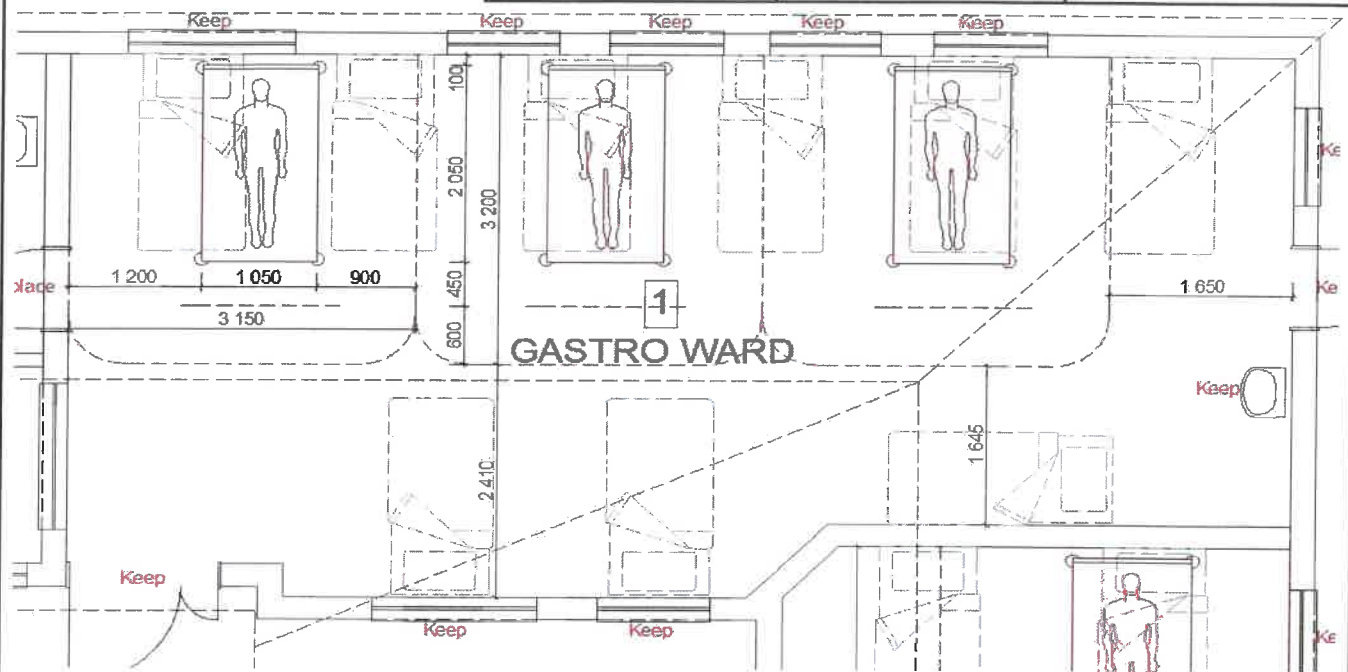
1. The existing electrical installation removed including all Distribution Boards and a new installation carried as per a design drawing and in term of the SANS regulation. This will included the lightning Protection to the building structure and bonding of all water piping and metallic structures.
2. Installation of Bedhead Ducting to comply with the policy document with regards to the lighting, number of plugs, nurse call outlets & gas outlet points.
3. The installation of the Nurse Call & Fire / Smoke Detection system.
4. New Distribution Boards for Essential and Non-Essential power.



CATHERINE BOOTH ASSESSMENT REPORT

1

WARD 1	FEMALE GASTRO WARD	Currently 9 Bed	3 Bed when updated to spec
EXISTING CONDITION	QS Estimate	R	R



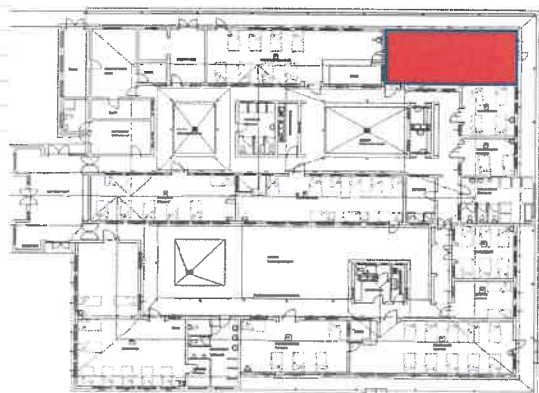
Current Condition Summary

Element Type	Material	Condition	Additional Comments
Floor Finish	Vinyl Sheeting	Good	Keep, Strip & Seal
Skirting	Coved Vinyl	Poor	Replace
Walls	Plaster & Paint	Fair	New Paint
Bedbump Rail	Treated Hardwood	Fair	Only behind beds, not on all walls
Windows	Painted Steel	Good (Keep)	Service Ironmongery and paint, install safety glazing
Doors Ext	Painted Steel	Good (Keep)	Service Ironmongery and paint
Doors Ext	Painted Timber	Good (Keep)	Service Ironmongery and paint
Doors Int	Painted Timber	Poor (Replace)	Replace with new Solid Timber Door
Cornice	Coved Gypsum	Poor	Replace
Ceiling	Gypsum Boards	Poor	Replace. Ceiling Height currently 2815mm AFFL
WHB	Hygia & Cobra	Good	Add Tile Splash back
Bedside Lockers	Steel	Poor	Replace
Roof Assembly	Timber & IBR	Poor	Replace, refer to attached Structural Engineers Report
Electrical	Lights & Power	Poor	The existing installation does not comply with SANS 1-0142

Additional Requirements not currently available at hospital wards:

- Mirror above whb
- Garbage Peddle Bin Holder
- Towel Dispenser at whb
- Hospital curtain tracks and curtains
- Stopcocks to whb.

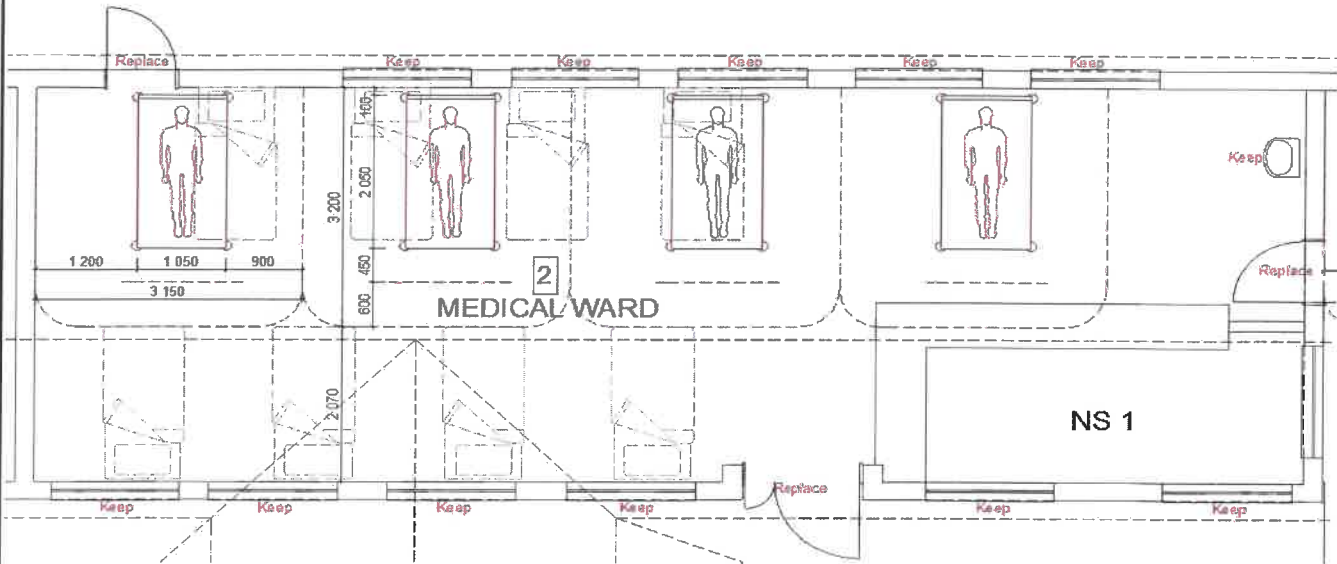
The following additional is required to meet the health policy:
Fire Detection, Nurse Call and Bedhead Ducting.



CATHERINE BOOTH ASSESSMENT REPORT

2

WARD 2	FEMALE MEDICAL WARD	Currently 8 Bed	4 Bed when updated to spec
EXISTING CONDITION	QS Estimate	R	R



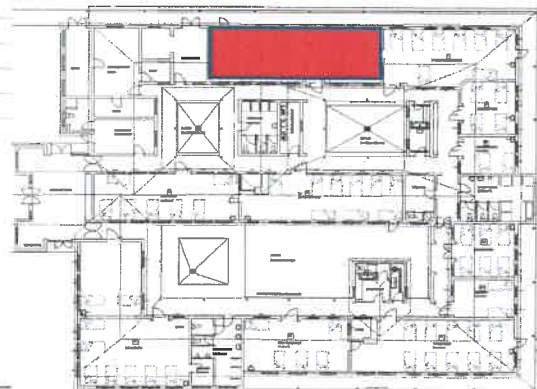
Current Condition Summary

Element Type	Material	Condition	Additional Comments
Floor Finish	Vinyl Sheetting	Good	Keep, Strip & Seal
Skirting	Coved Vinyl	Poor	Replace
Walls	Plaster & Paint	Fair	New Paint
Bedbump Rail	Treated Hardwood	Fair	Only behind beds, not on all walls
Windows	Painted Steel	Good (Keep)	Service Ironmongery and paint, install safety glazing
Doors Ext	Painted Steel	Poor (Replace)	Replace with new Aluminium Door to DOH Spec
Doors Ext	Painted Timber	Poor (Replace)	Replace with new Aluminium Door to DOH Spec
Doors Int	Painted Timber	Poor (Replace)	Replace with new Solid Timber Door to DOH Spec
Cornice	Coved Gypsum	Poor	Replace
Ceiling	Gypsum Boards	Poor	Replace. Ceiling Height currently 2790mm AFFL
WHB	Hygia & Cobra	Good	Add Tile Splash back
Bedside Lockers	Steel	Poor	Replace
Roof Assembly	Timber & IBR	Poor	Replace, refer to attached Structural Engineers Report
Electrical	Lights & Power	Poor	The existing installation does not comply with SANS 1-0142

Additional Requirements not currently available at hospital wards:

Mirror above whb
Garbage Peddle Bin Holder
Towel Dispenser at whb
Hospital curtain tracks and curtains
Stopcocks to whb.

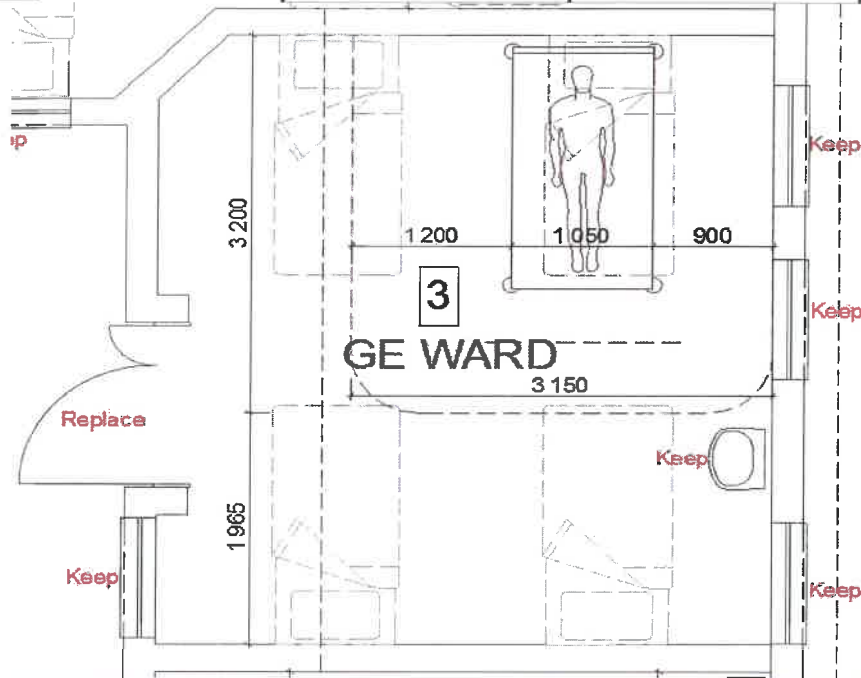
The following additional is required to meet the health policy :
Fire Detection, Nurse Call and Bedhead Ducting



CATHERINE BOOTH ASSESSMENT REPORT

3

WARD 3	FEMALE G E WARD	Currently 4 Bed	1 Bed when updated to spec
EXISTING CONDITION	QS Estimate	R	R



Current Condition Summary

Element Type	Material	Condition	Additional Comments
Floor Finish	Vinyl Sheetting	Good	Keep, Strip & Seal
Skirting	Coved Vinyl	Poor	Replace
Walls	Plaster & Paint	Good	New Paint
Bedbump Rail	-	-	-
Windows	Painted Steel	Good (Keep)	Service Ironmongery and paint, install safety glazing
Doors Ext	Painted Steel	Poor (Replace)	Replace with new Aluminium Door to DOH Spec
Cornice	Coved Gypsum	Poor	Replace
Ceiling	Gypsum Boards	Poor	Replace. Ceiling Height currently 2780mm AFFL
WHB	Hygia & Cobra	Good	Add Tile Splash back
Bedside Lockers	Steel	Poor	Replace
Roof Assembly	Timber & IBR	Poor	This ward has Major Roof Leaks Replace, refer to attached Structural Engineers Report
Electrical	Lights & Power	Poor	The existing installation does not comply with SANS 1-0142

Additional Requirements not currently available at hospital wards:

Mirror above whb
Garbage Peddle Bin Holder

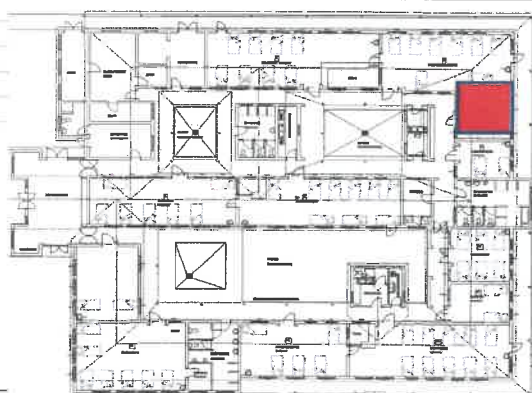
Towel Dispensor at whb

Hospital curtain tracks and curtains

Stopcocks to whb.

The following additional is required to meet the health policy :

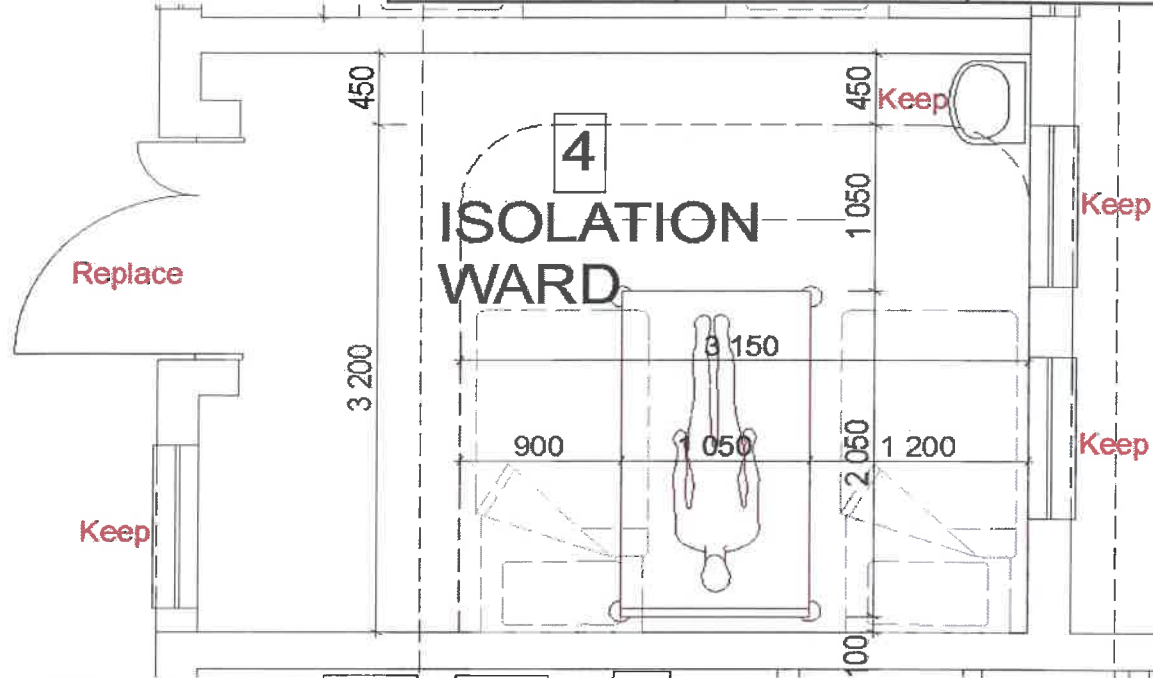
Fire Detection, Nurse Call and Bedhead Ducting



CATHERINE BOOTH ASSESSMENT REPORT

4

WARD 4	FEMALE ISOLATION WARD	Currently 2 Bed	1 Bed when updated to spec
EXISTING CONDITION	QS Estimate	R	R



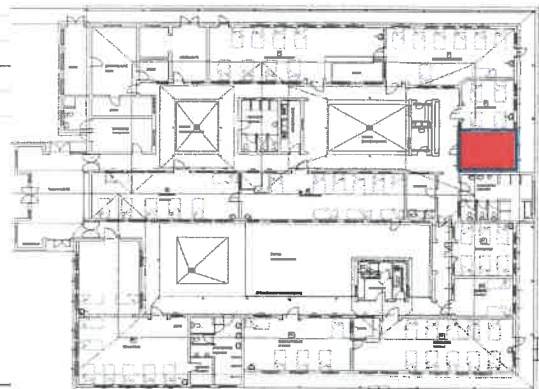
Current Condition Summary

Element Type	Material	Condition	Additional Comments
Floor Finish	Vinyl Sheetting	Good	Keep, Strip & Seal
Skirting	Coved Vinyl	Fair	Keep, Strip & Seal
Walls	Plaster & Paint	Good	New Paint
Bedbump Rail	-	-	-
Windows	Painted Steel	Good (Keep)	Service Ironmongery and paint, install safety glazing
Doors Ext	Painted Steel	Poor (Replace)	Replace with new Aluminium Door to DOH Spec
Cornice	Coved Gypsum	Poor	Replace
Ceiling	Gypsum Boards	Fair	Patch & Paint. Ceiling Height currently 2780mm AFFL
WHB	Hygia & Cobra	Good	Add Tile Splash back
Bedside Lockers	Steel	Poor	Replace
Roof Assembly	Timber & IBR	Poor	Replace, refer to attached Structural Engineers Report
Electrical	Lights & Power	Poor	The existing installation does not comply with SANS 1-0142

Additional Requirements not currently available at hospital wards:

Mirror above whb
Garbage Peddle Bin Holder
Towel Dispensor at whb
Hospital curtain tracks and curtains
Stopcocks to whb.

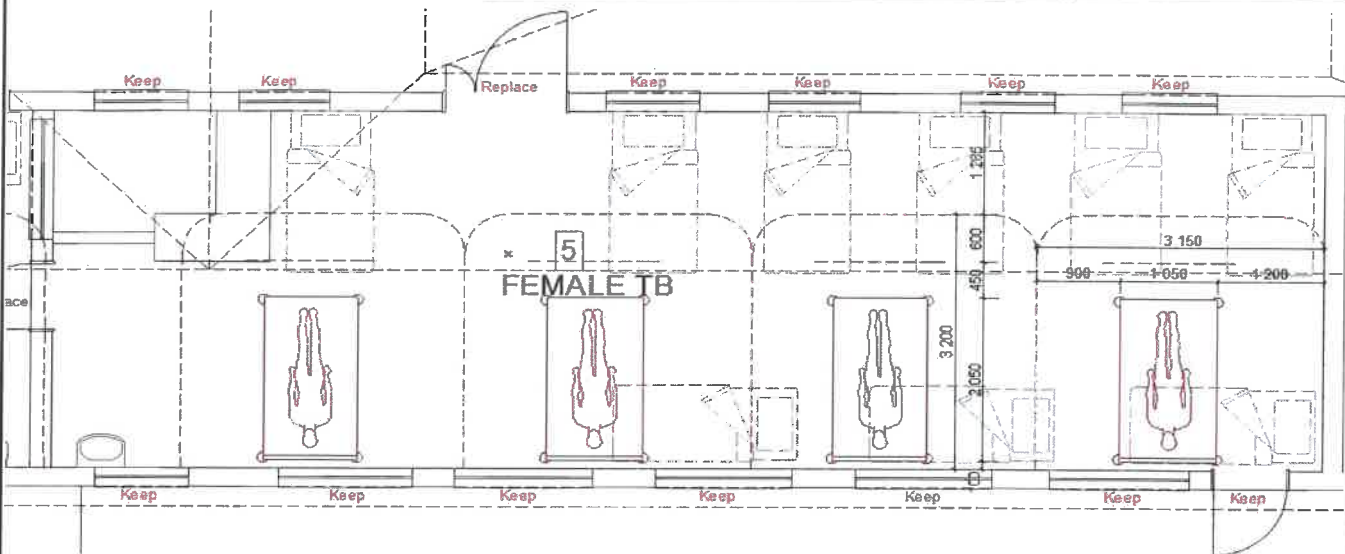
The following additional is required to meet the health policy :
Fire Detection, Nurse Call and Bedhead Ducting



CATHERINE BOOTH ASSESSMENT REPORT

5

WARD 5	FEMALE TB WARD	Currently 9 Bed	4 Bed when updated to spec
EXISTING CONDITION	QS Estimate	R	R

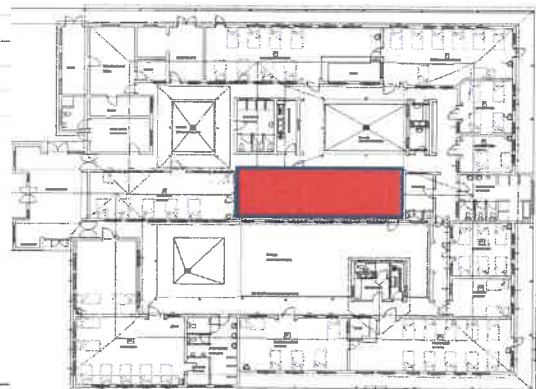


Current Condition Summary

Element Type	Material	Condition	Additional Comments
Floor Finish	Vinyl Sheetting	Good	Keep, Strip & Seal
Skirting	Coved Vinyl	Poor	Replace
Walls	Plaster & Paint	Poor	Repair wall cracks and damp and repaint
Bedbump Rail	Treated Hardwood	Fair	Only behind beds, not on all walls
Windows	Painted Steel	Good (Keep)	Service Ironmongery and paint, install safety glazing
Doors Ext	Painted Steel	Good (Keep)	Service Ironmongery and paint
Doors Ext	Painted Timber	Poor (Replace)	Replace with new Aluminium Door to DOH Spec
Doors Int	Painted Timber	Poor (Replace)	Replace with new Solid Timber Door to DOH Spec
Cornice	Coved Gypsum	Poor	Replace
Ceiling	Gypsum Boards	Poor	Replace. Ceiling Height currently 2860mm AFFL
WHB	Hygia & Cobra	Good	Add Tile Splash back
Bedside Lockers	Steel	Poor	Replace
Roof Assembly	Timber & IBR	Poor	This ward has Major Roof Leaks
Electrical	Lights & Power	Poor	Replace, refer to attached Structural Engineers Report The existing installation does not comply with SANS 1-0142

Additional Requirements not currently available at hospital wards:

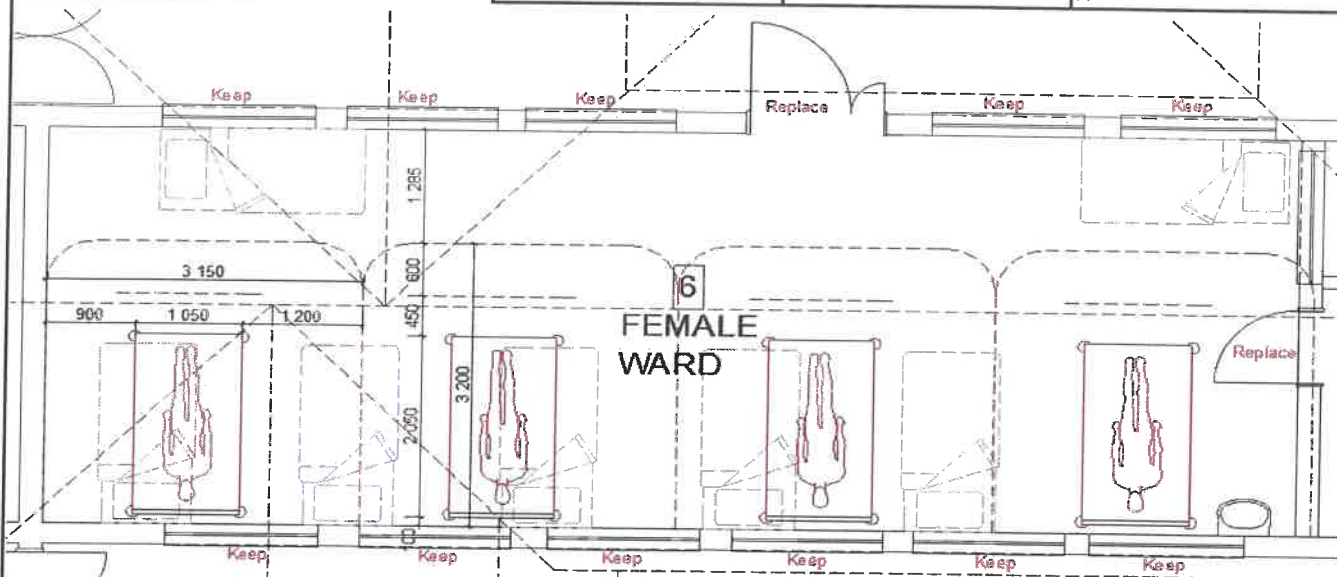
Mirror above whb
Garbage Peddle Bin Holder
Towel Dispensor at whb
Hospital curtain tracks and curtains
Stopcocks to whb.
The following additional is required to meet the health policy :
Fire Detection, Nurse Call and Bedhead Ducting



CATHERINE BOOTH ASSESSMENT REPORT

6

WARD 6	FEMALE WARD	Currently 7 Bed	4 Bed when updated to spec
EXISTING CONDITION	QS Estimate	R	R



Current Condition Summary

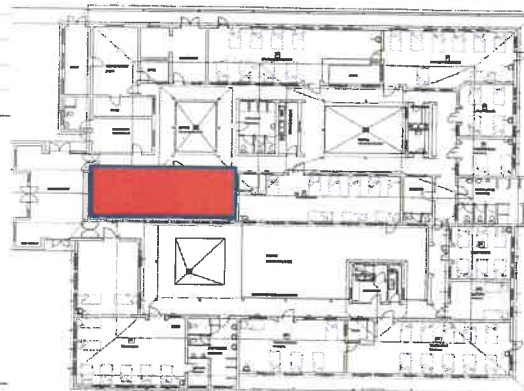
Element Type	Material	Condition	Additional Comments
Floor Finish	Vinyl Sheetting	Good	Keep, Strip & Seal
Skirting	Coved Vinyl	Fair	Keep, Strip & Seal
Walls	Plaster & Paint	Good	New Paint
Bedbump Rail	Treated Hardwood	Fair	Only behind beds, not on all walls
Windows	Painted Steel	Good (Keep)	Service Ironmongery and paint, install safety glazing
Doors Ext	Painted Timber	Poor (Replace)	Replace with new Aluminium Door to DOH Spec
Doors Int	Painted Timber	Poor (Replace)	Replace with new Solid Timber Door to DOH Spec
Cornice	Coved Gypsum	Fair	Replace
Ceiling	Gypsum Boards	Poor	Replace. Ceiling Height currently 2855mm AFFL
WHB	Hygia & Cobra	Good	Add Tile Splash back
Bedside Lockers	Steel	Poor	Replace
Roof Assembly	Timber & IBR	Poor	This ward has Major Roof Leaks
Electrical	Lights & Power	Poor	Replace, refer to attached Structural Engineers Report The existing installation does not comply with SANS 1-0142

Additional Requirements not currently available at hospital wards:

- Mirror above whb
- Garbage Peddle Bin Holder
- Towel Dispensor at whb
- Hospital curtain tracks and curtains
- Stopcocks to whb.

The following additional is required to meet the health policy :

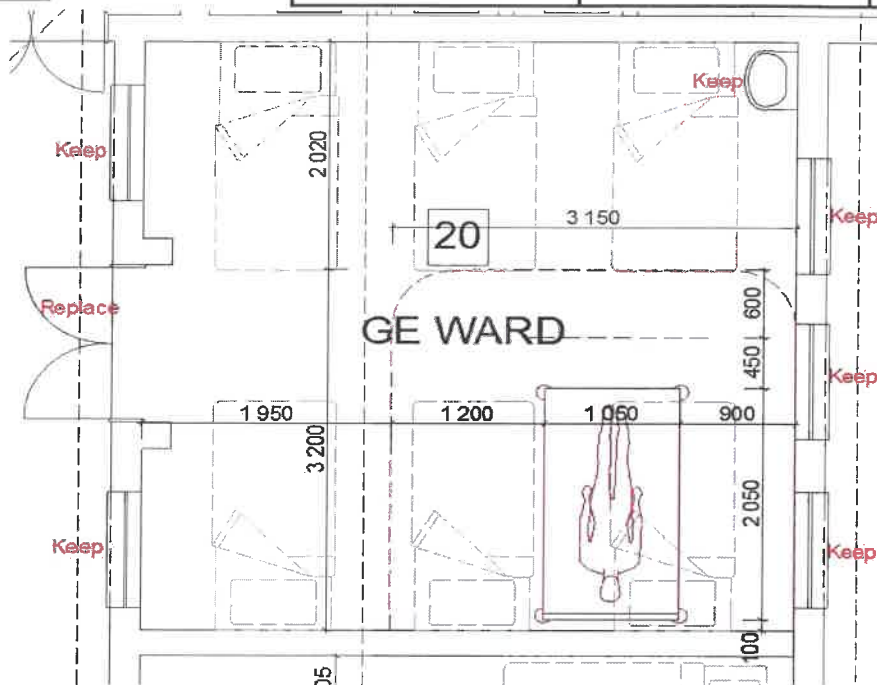
- Fire Detection, Nurse Call and Bedhead Ducting



CATHERINE BOOTH ASSESSMENT REPORT

20

WARD 20	MALE G E WARD	Currently 6 Bed	1 Bed when updated to spec
EXISTING CONDITION	QS Estimate	R	R



Current Condition Summary

Element Type	Material	Condition	Additional Comments
Floor Finish	Vinyl Sheeting	Good	Keep, Strip & Seal
Skirting	Coved Vinyl	Poor	Replace
Walls	Plaster & Paint	Fair	New Paint
Bedbump Rail	Treated Hardwood	Fair	Only behind beds, not on all walls
Windows	Painted Steel	Good (Keep)	Service Ironmongery and paint, install safety glazing
Doors Ext	Painted Steel	Poor (Replace)	Replace with new Aluminium Door to DOH Spec
Cornice	Coved Gypsum	Poor	Replace
Ceiling	Gypsum Boards	Poor	Replace.
WHB	Hygia & Cobra	Good	Add Tile Splash back
Bedside Lockers	Steel	Poor	Replace
Roof Assembly	Timber & IBR	Poor	Replace, refer to attached Structural Engineers Report
Electrical	Lights & Power	Poor	The existing installation does not comply with SANS 1-0142

Additional Requirements not currently available at hospital wards:

Mirror above whb
Garbage Peddle Bin Holder

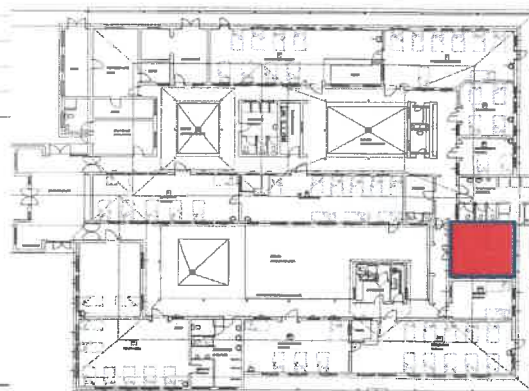
Towel Dispensor at whb

Hospital curtain tracks and curtains

Stopcocks to whb.

The following additional is required to meet the health policy :

Fire Detection, Nurse Call and Bedhead Ducting



CATHERINE BOOTH ASSESSMENT REPORT

21

WARD 21	MALE PSYCH WARD	Currently 2 Bed	1 Bed when updated to spec
EXISTING CONDITION	QS Estimate	R	R

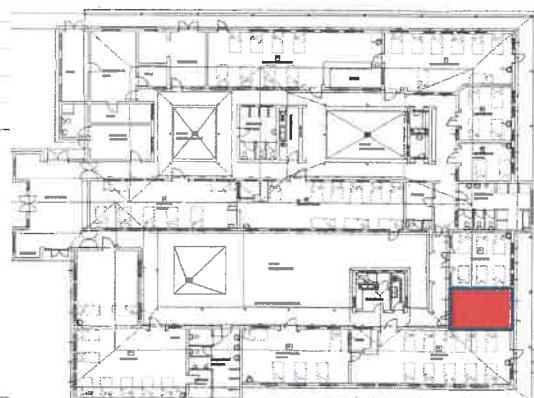


Current Condition Summary

Element Type	Material	Condition	Additional Comments
Floor Finish	Vinyl Sheetting	Good	Keep, Strip & Seal
Skirting	Coved Vinyl	Fair	Keep, Strip & Seal
Walls	Plaster & Paint	Poor	Repair wall cracks and damp and repaint
Bedbump Rail			
Windows	Painted Steel	Poor (Replace)	Service Ironmongery and paint, install safety glazing
Doors Ext	Painted Steel	Poor (Replace)	Replace with new Aluminium Door to DOH Spec
Cornice	Coved Gypsum	Poor	Replace
Ceiling	Gypsum Boards	Poor	Replace.
WHB			
Bedside Lockers			
Roof Assembly	Timber & IBR	Poor	Replace, refer to attached Structural Engineers Report
Electrical	Lights & Power	Poor	The existing installation does not comply with SANS 1-0142

Additional Requirements not currently available at hospital wards:

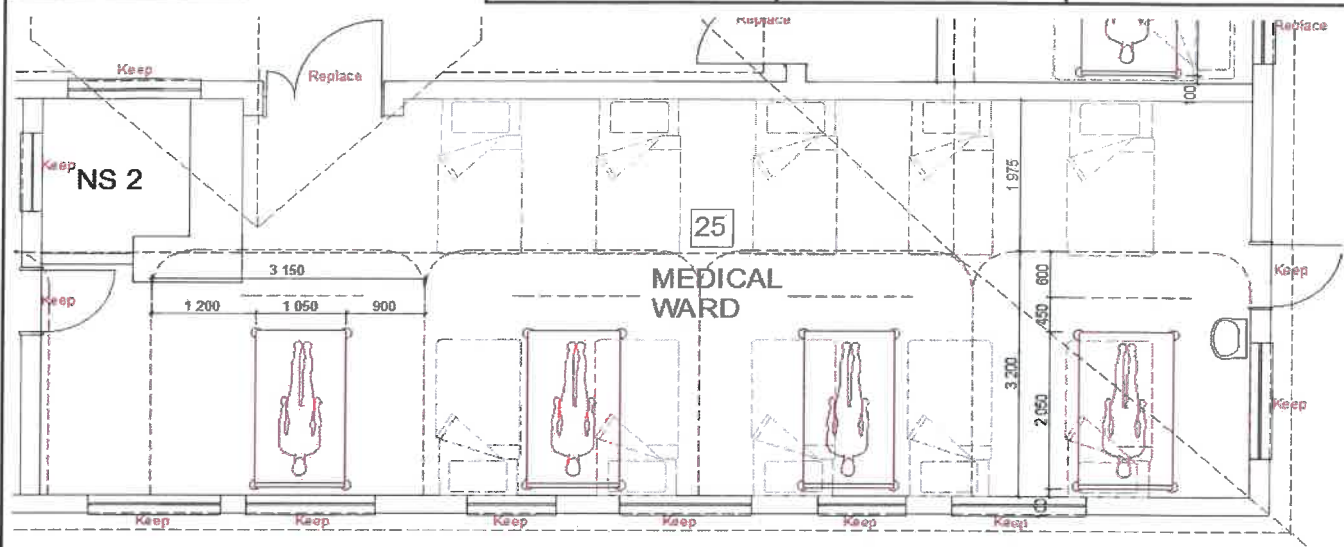
Mirror above whb
Garbage Peddle Bin Holder
Towel Dispensor at whb
Hospital curtain tracks and curtains
Stopcocks to whb.
The following additional is required to meet the health policy :
Fire Detection, Nurse Call and Bedhead Ducting



CATHERINE BOOTH ASSESSMENT REPORT

25

WARD 25	MALE MEDICAL WARD	Currently 10 Bed	4 Bed when updated to spec
EXISTING CONDITION	QS Estimate	R	R



Current Condition Summary

Element Type	Material	Condition	Additional Comments
Floor Finish	Vinyl Sheeting	Good	Keep, Strip & Seal
Skirting	Coved Vinyl	Fair	Keep, Strip & Seal
Walls	Plaster & Paint	Fair	New Paint
Bedbump Rail	Treated Hardwood	Fair	Only behind beds, not on all walls
Windows	Painted Steel	Good (Keep)	Service Ironmongery and paint, install safety glazing
Doors Ext	Painted Steel	Good (Keep)	Service Ironmongery and paint
Doors Ext	Painted Timber	Poor (Replace)	Replace with new Aluminium Door to DOH Spec
Doors Int	Painted Timber	Good (Keep)	Service Ironmongery and paint
Cornice	Coved Gypsum	Fair	Replace
Ceiling	Gypsum Boards	Fair	Replace. Ceiling Height currently 2805mm AFFL
WHB	Hygia & Cobra	Good	Add Tile Splash back
Bedside Lockers	Steel	Poor	Replace
Roof Assembly	Timber & IBR	Poor	Replace, refer to attached Structural Engineers Report
Electrical	Lights & Power	Poor	The existing installation does not comply with SANS 1-0142

Additional Requirements not currently available at hospital wards:

Mirror above whb
Garbage Peddle Bin Holder

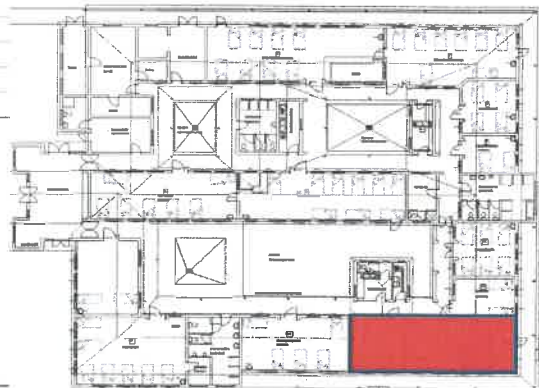
Towel Dispenser at whb

Hospital curtain tracks and curtains

Stopcocks to whb.

The following additional is required to meet the health policy :

Fire Detection, Nurse Call and Bedhead Ducting



CATHERINE BOOTH ASSESSMENT REPORT

26

26

MALE SCREENING WARD

Currently 5 Bed

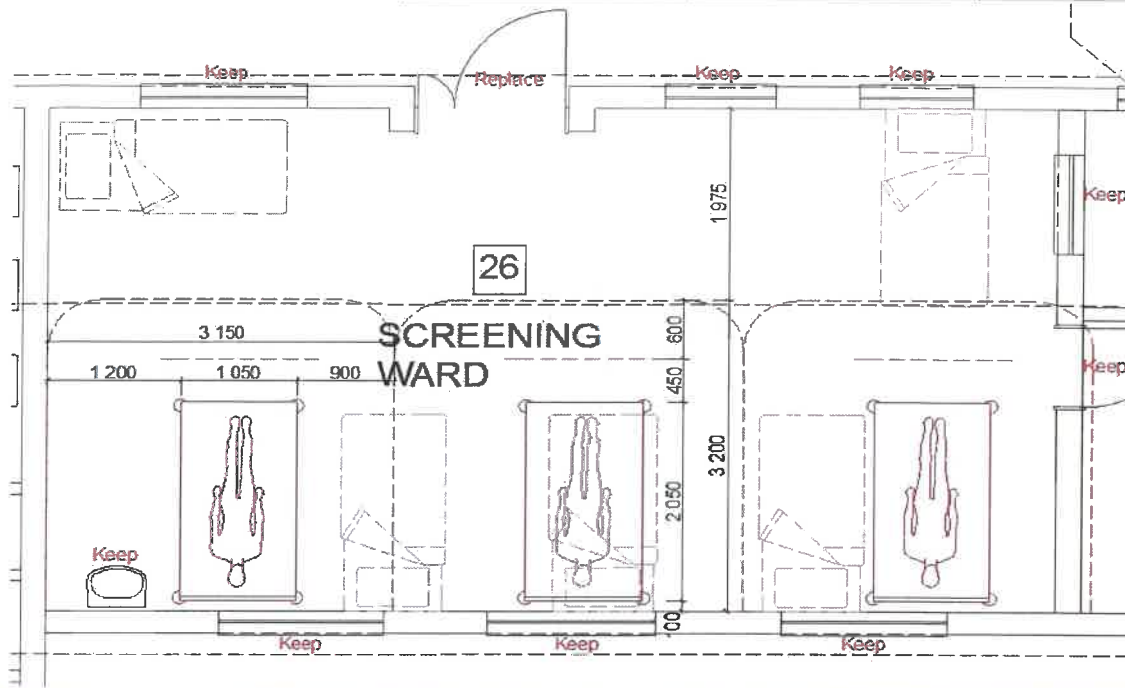
3 Bed when updated to spec

EXISTING CONDITION

QS Estimate

R

R



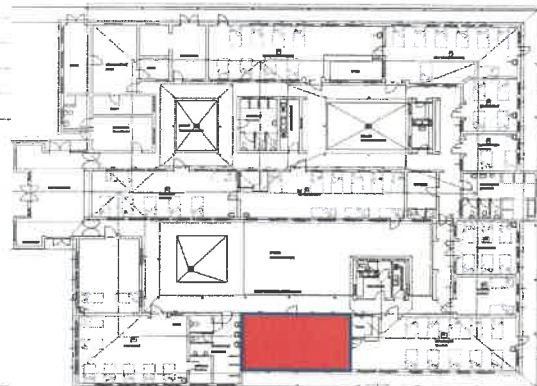
Current Condition Summary

Element Type	Material	Condition	Additional Comments
Floor Finish	Vinyl Sheeting	Good	Keep, Strip & Seal
Skirting	Coved Vinyl	Fair	Keep, Strip & Seal
Walls	Plaster & Paint	Fair	New Paint
Bedbump Rail	Treated Hardwood	Poor	Not on all walls
Windows	Painted Steel	Good (Keep)	Service Ironmongery and paint, install safety glazing
Doors Ext	Painted Timber	Poor (Replace)	Replace with new Aluminium Door to DOH Spec
Doors Int	Painted Timber	Good (Keep)	Service Ironmongery and paint
Cornice	Coved Gypsum	Poor	Replace
Ceiling	Gypsum Boards	Poor	Replace
WHB	Hygia & Cobra	Good	Add Tile Splash back
Bedside Lockers	Steel	Poor	Replace
Roof Assembly	Timber & IBR	Poor	Replace, refer to attached Structural Engineers Report
Electrical	Lights & Power	Poor	The existing installation does not comply with SANS 1-0142

Additional Requirements not currently available at hospital wards:

- Mirror above whb
- Garbage Peddle Bin Holder
- Towel Dispenser at whb
- Hospital curtain tracks and curtains
- Stopcocks to whb.

The following additional is required to meet the health policy :
Fire Detection, Nurse Call and Bedhead Ducting



CATHERINE BOOTH ASSESSMENT REPORT

28

28

MALE TB WARD

Currently 9 Bed

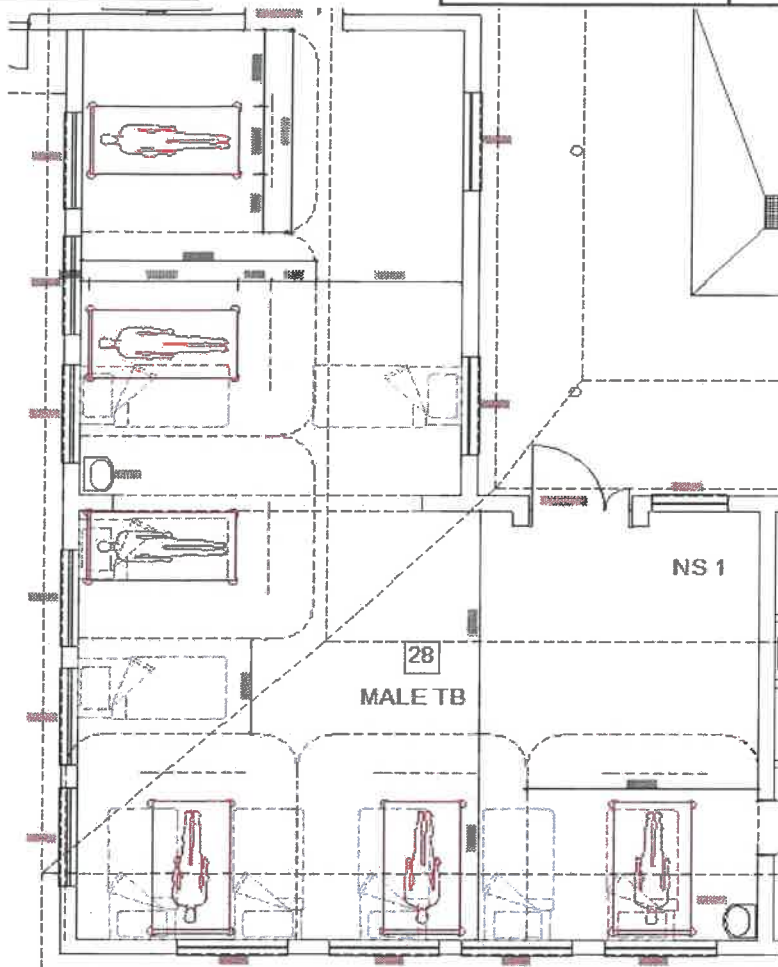
6 Bed when updated to spec

EXISTING CONDITION

QS Estimate

R

R



Current Condition Summary

Element Type	Material	Condition	Additional Comments
Floor Finish	Vinyl Sheetting	Good	Keep, Strip & Seal
Skirting	Coved Vinyl	Fair	Keep, Strip & Seal
Walls	Plaster & Paint	Good	New Paint
Bedbump Rail	Treated Hardwood	Fair	Not on all walls
Windows	Painted Steel	Good (Keep)	Service Ironmongery and paint, install safety glazing
Doors Ext	Painted Timber	Poor (Replace)	Replace with new Aluminium Door to DOH Spec
Doors Int	Painted Timber	Good (Keep)	Service Ironmongery and paint
Cornice	Coved Gypsum	Poor	Replace
Ceiling	Gypsum Boards	Fair	Replace
WHB	Hygia & Cobra	Good	Add Tile Splash back
Bedside Lockers	Steel	Poor	Replace
Roof Assembly	Timber & IBR	Poor	Replace, refer to attached Structural Engineers Report
Electrical	Lights & Power	Poor	The existing installation does not comply with SANS 1-0142

Additional Requirements not currently available at hospital wards:

Mirror above whb

Garbage Peddle Bin Holder

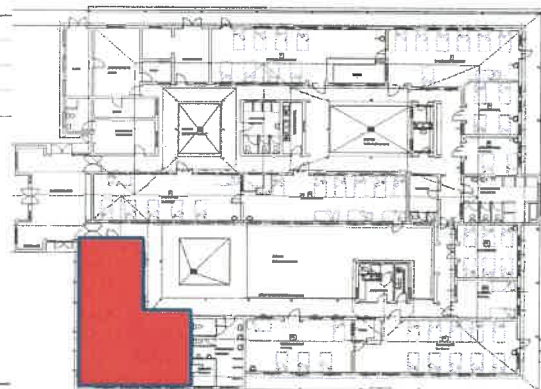
Towel Dispensor at whb

Hospital curtain tracks and curtains

Stopcocks to whb.

The following additional is required to meet the health policy :

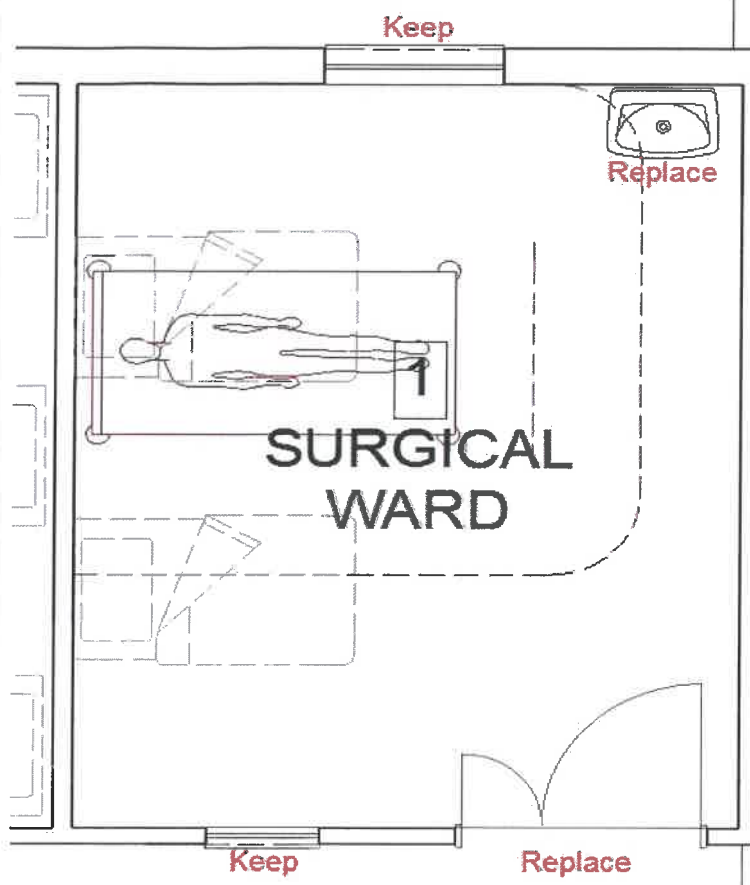
Fire Detection, Nurse Call and Bedhead Ducting



CATHERINE BOOTH ASSESSMENT REPORT

1

PAEDS 1	PAEDIATRIC SURGICAL WARD	Currently 2 Bed	1 Bed when updated to spec
EXISTING CONDITION	QS Estimate	R	R



Current Condition Summary

Element Type	Material	Condition	Additional Comments
Floor Finish	Vinyl Sheetting	Good	Keep, Strip & Seal
Skirting			
Walls	Plaster & Paint	Fair	New Paint
Bedbump Rail			
Windows	Painted Steel	Good (Keep)	Service Ironmongery and paint, install safety glazing
Doors Int	Painted Timber	Poor (Replace)	Replace with new Solid Timber Door to DOH Spec
Cornice	Coved Gypsum	Poor	Replace
Ceiling	Gypsum Boards	Poor	Replace.
WHB	Incorrect Spec	Fair	Replace and add splashback
Bedside Lockers	None		Replace
			This ward has Major Roof Leaks
Roof Assembly	Timber & IBR	Poor	Replace, refer to attached Structural Engineers Report
Electrical	Lights & Power	Poor	The existing installation does not comply with SANS 1-0142

Additional Requirements not currently available at hospital wards:

Mirror above whb
Garbage Peddle Bin Holder
Towel Dispenser at whb
Hospital curtain tracks and curtains
Stopcocks to whb.

The following additional is required to meet the health policy :
Fire Detection, Nurse Call and Bedhead Ducting



CATHERINE BOOTH ASSESSMENT REPORT

2

PAEDS 2

PAEDIATRIC GASTRO WARD

Currently 6 Bed

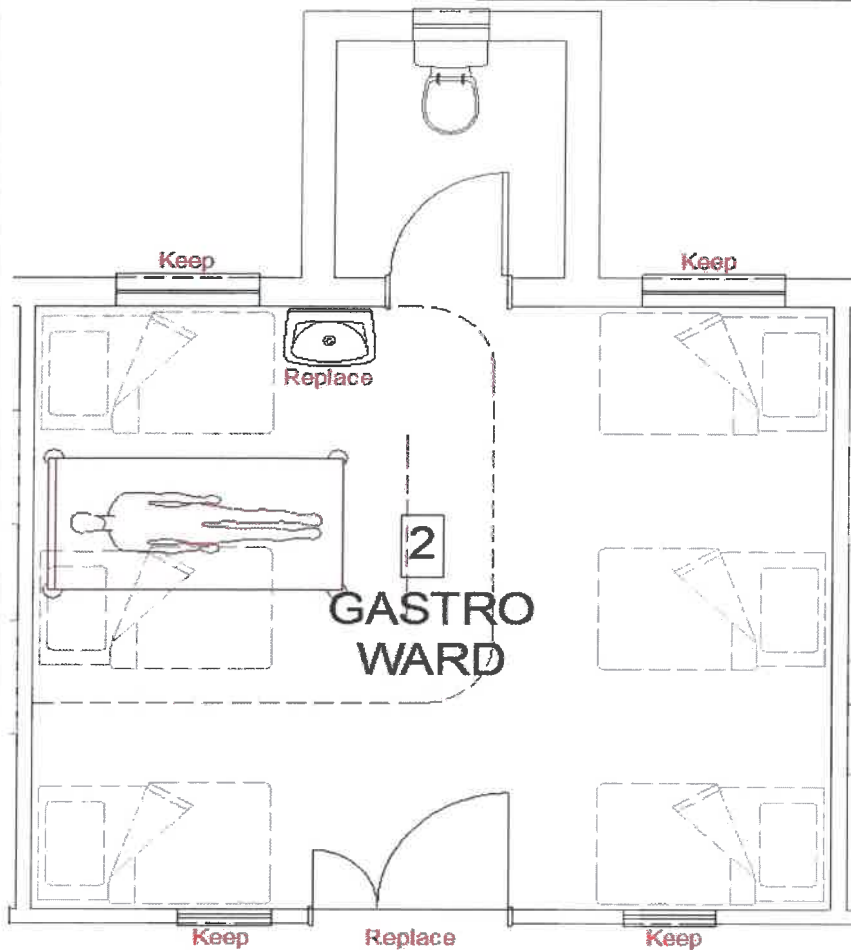
1 Bed when updated to spec

EXISTING CONDITION

QS Estimate

R

R



Current Condition Summary

Element Type	Material	Condition	Additional Comments
Floor Finish	Vinyl Sheeting	Good	Keep, Strip & Seal
Skirting			
Walls	Plaster & Paint	Fair	New Paint
Bedbump Rail			
Windows	Painted Steel	Good (Keep)	Service Ironmongery and paint, install safety glazing
Doors Int	Painted Timber	Poor (Replace)	Replace with new Solid Timber Door to DOH Spec
Cornice	Coved Gypsum	Poor	Replace
Ceiling	Gypsum Boards	Poor	Replace.
WHB	Incorrect Spec	Fair	Replace and add splashback
Bedside Lockers	None		Replace
WC	Incorrect Spec	Fair	Replace
Roof Assembly	Timber & IBR	Poor	Replace, refer to attached Structural Engineers Report
Electrical	Lights & Power	Poor	The existing installation does not comply with SANS 1-0142

Additional Requirements not currently available at hospital wards:

Mirror above whb
Garbage Peddle Bin Holder

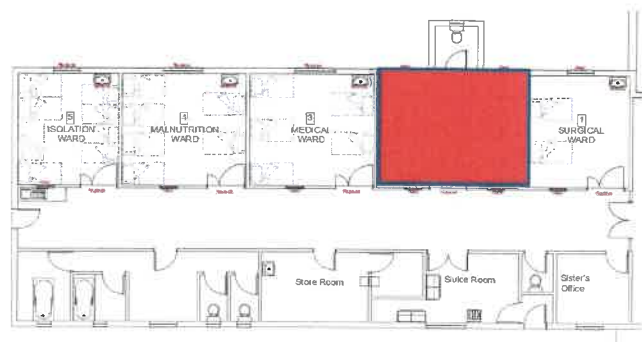
Towel Dispenser at whb

Hospital curtain tracks and curtains

Stopcocks to whb.

The following additional is required to meet the health policy :

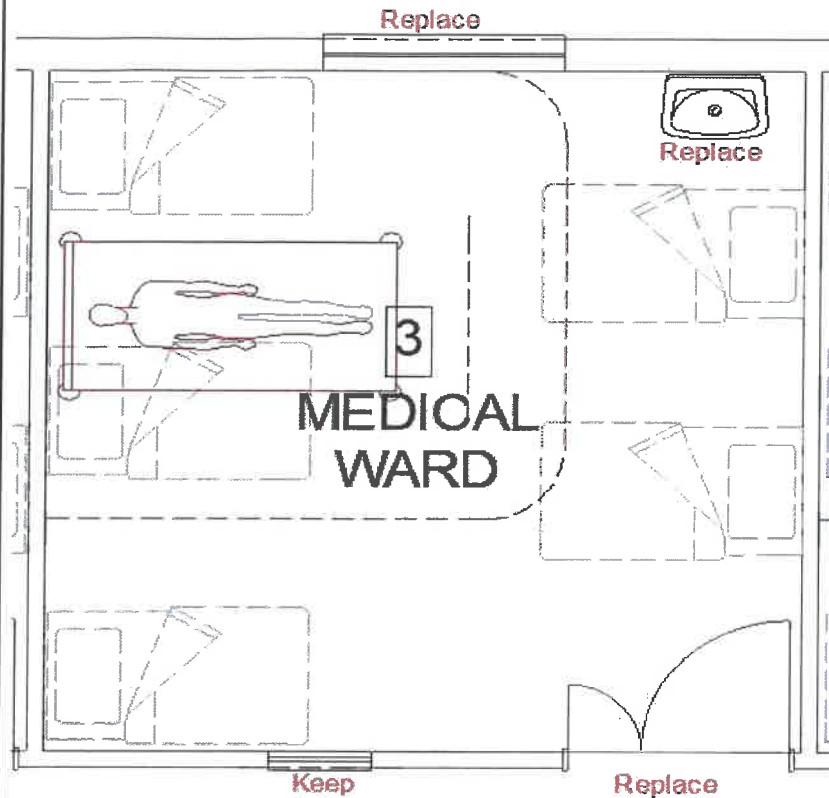
Fire Detection, Nurse Call and Bedhead Ducting



CATHERINE BOOTH ASSESSMENT REPORT

3

PAEDS 3	PAEDIATRIC MEDICAL WARD	Currently 5 Bed	1 Bed when updated to spec
EXISTING CONDITION	QS Estimate	R	R

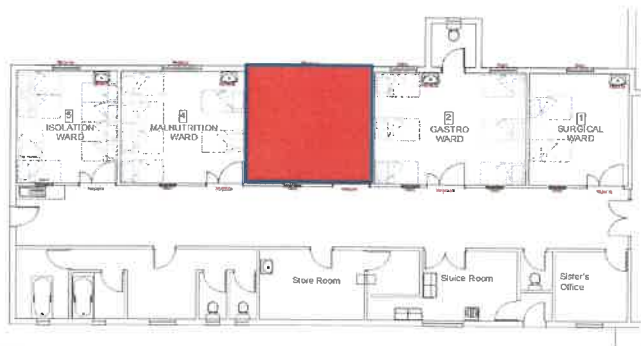


Current Condition Summary

Element Type	Material	Condition	Additional Comments
Floor Finish	Vinyl Sheetting	Poor	Replace
Skirting			
Walls	Plaster & Paint	Poor	Repair wall cracks and damp and repaint
Bedbump Rail			
Windows	Painted Steel	Poor (Replace)	Service Ironmongery and paint, install safety glazing
Doors Int	Painted Timber	Poor (Replace)	Replace with new Solid Timber Door to DOH Spec
Cornice	Coved Gypsum	Poor	Replace
Ceiling	Gypsum Boards	Poor	Replace.
WHB	Incorrect Spec	Fair	Replace and add splashback
Bedside Lockers	None		Replace
Roof Assembly	Timber & IBR	Poor	This ward has Major Roof Leaks
Electrical	Lights & Power	Poor	Replace, refer to attached Structural Engineers Report The existing installation does not comply with SANS 1-0142

Additional Requirements not currently available at hospital wards:

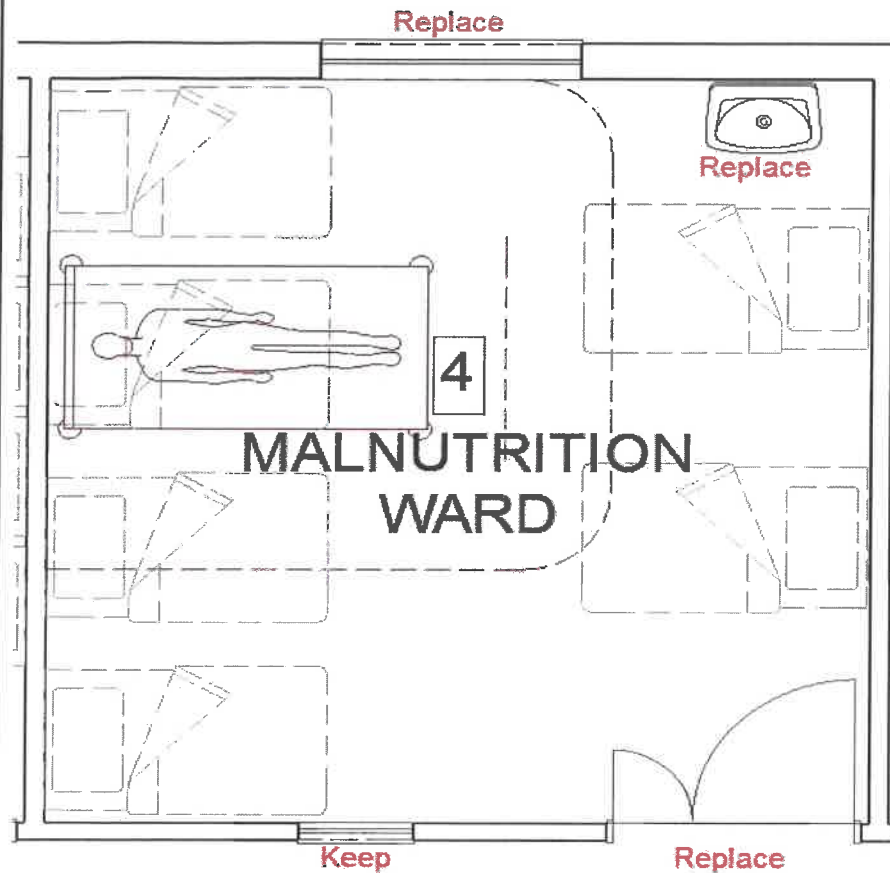
- Mirror above whb
- Garbage Peddle Bin Holder
- Towel Dispenser at whb
- Hospital curtain tracks and curtains
- Stopcocks to whb.
- The following additional is required to meet the health policy :
- Fire Detection, Nurse Call and Bedhead Ducting



CATHERINE BOOTH ASSESSMENT REPORT

4

PAEDS 4	PAEDIATRIC MALNUTRITION WARD	Currently 6 Bed	1 Bed when updated to spec
EXISTING CONDITION	QS Estimate	R	R

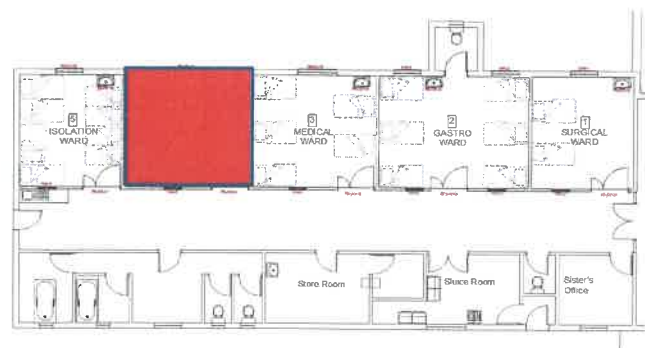


Current Condition Summary

Element Type	Material	Condition	Additional Comments
Floor Finish	Vinyl Sheeting	Fair	Keep, Strip & Seal
Skirting			
Walls	Plaster & Paint	Fair	New Paint
Bedbump Rail			
Windows	Painted Steel	Poor (Replace)	Service Ironmongery and paint, install safety glazing
Doors Int	Painted Timber	Poor (Replace)	Replace with new Solid Timber Door to DOH Spec
Cornice	Coved Gypsum	Poor	Replace
Ceiling	Gypsum Boards	Poor	Replace.
WHB	Incorrect Spec	Fair	Replace and add splashback
Bedside Lockers	None		Replace
Roof Assembly	Timber & IBR	Poor	Replace, refer to attached Structural Engineers Report
Electrical	Lights & Power	Poor	The existing installation does not comply with SANS 1-0142

Additional Requirements not currently available at hospital wards:

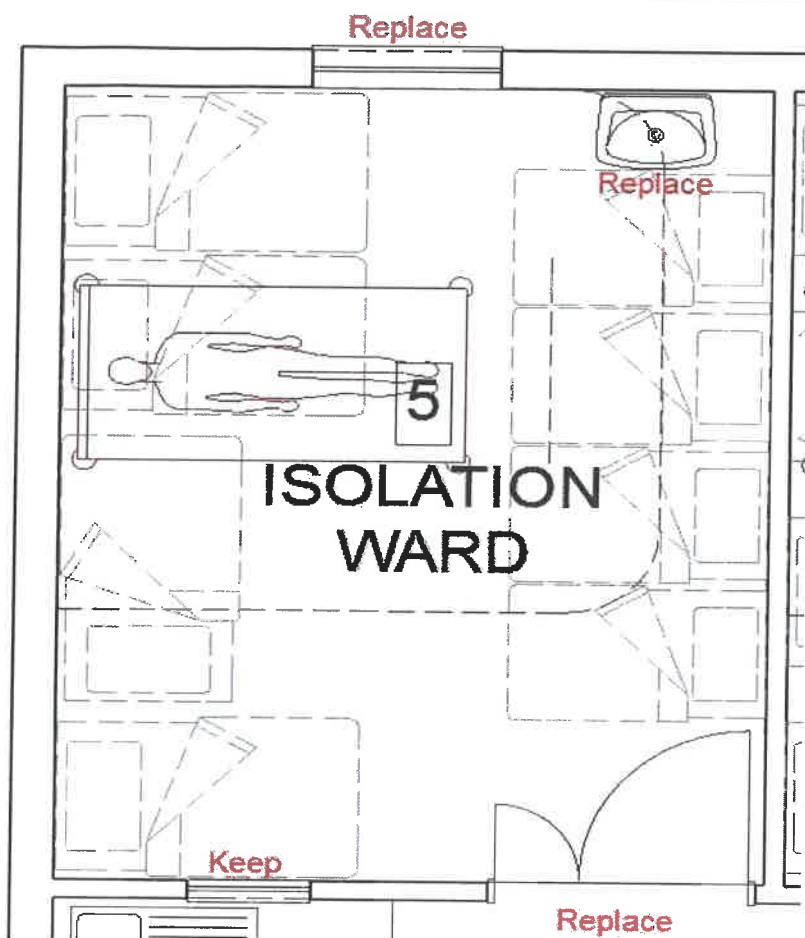
Mirror above whb
Garbage Peddle Bin Holder
Towel Dispenser at whb
Hospital curtain tracks and curtains
Stopcocks to whb.
The following additional is required to meet the health policy :
Fire Detection, Nurse Call and Bedhead Ducting



CATHERINE BOOTH ASSESSMENT REPORT

5

PAEDS 5	PAEDIATRIC ISOLATION WARD	Currently 8 Bed	1 Bed when updated to spec
EXISTING CONDITION	QS Estimate	R	R



Replace

Current Condition Summary

Element Type	Material	Condition	Additional Comments
Floor Finish	Vinyl Sheeting	Fair	Keep, Strip & Seal
Skirting			
Walls	Plaster & Paint	Poor	Repair wall cracks and damp and repaint
Bedbump Rail			
Windows	Painted Steel	Poor (Replace)	Service Ironmongery and paint, install safety glazing
Doors Int	Painted Timber	Poor (Replace)	Replace with new Solid Timber Door to DOH Spec
Cornice	Coved Gypsum	Poor	Replace
Ceiling	Gypsum Boards	Poor	Replace.
WHB	Incorrect Spec	Fair	Replace and add splashback
Bedside Lockers	None		Replace
Roof Assembly	Timber & IBR	Poor	Replace, refer to attached Structural Engineers Report
Electrical	Lights & Power	Poor	The existing installation does not comply with SANS 1-0142

Additional Requirements not currently available at hospital wards:

Mirror above whb
Garbage Peddle Bin Holder
Towel Dispenser at whb
Hospital curtain tracks and curtains
Stopcocks to whb.
The following additional is required to meet the health policy :
Fire Detection, Nurse Call and Bedhead Ducting



Annexure D

Map covers this area



Legend

- Schools
- [H] Hospitals
- [C] Clinics
- [P] Police stations
- [T] Towns
- [DM] District Municipalities
- [LM] Local Municipalities
- [UA] Urban areas
- [NR] Nature reserves
- National roads
- Major rivers
- Minor rivers
- Dams / Lakes
- Railways
- Main roads
- District roads
- Local roads
- Minor roads

Produced by:

EDUACTION

www.eduAction.co.za

Supported by:



KwaZulu-Natal Dept of Education

KwaZulu-Natal Schools
Field Guide v5

Page
59

Sponsored by: The KwaZulu-Natal Education Development Trust

