



LIMPOPO

**PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA**

**DEPT. OF PUBLIC WORKS, ROADS
& INFRASTRUCTURE
SUPPLY CHAIN MANAGEMENT OFFICE**
29-09-2021
**SECRETARIAT
LIMPOPO PROVINCE**

DEPARTMENT OF

PUBLIC WORKS, ROADS & INFRASTRUCTURE

**LIMPOPO PROVINCE DEPARTMENT OF PUBLIC WORKS,ROADS AND
INFRASTRUCTURE, ROADS AND**

INFRASTRUCTURE

**DEPT. OF PUBLIC WORKS, ROADS
& INFRASTRUCTURE
SUPPLY CHAIN MANAGEMENT OFFICE**
29-09-2021
**SECRETARIAT
LIMPOPO PROVINCE**

BID NUMBER: LDPWRI-B/070513

PROVISIONAL BILLS OF QUANTITIES

for the

**COMPLETION OF HEALTH SUPPORT COMPLEX AT THABAMOOPO
PSYCHIATRIC HOSPITAL IN LEBOWAKGOMO (CAPRICORN DISTRICT)**

for the

**THE DEPARTMENT OF PUBLIC WORKS,ROADS AND
INFRASTRUCTURE**

LIMPOPO PROVINCE

CIDB CATEGORY: 7GB OR HIGHER

**COMPULSORY SITE BRIEFING MEETING AS PER TENDER ADVERT
(TENDER BULLETIN)**



LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF PUBLIC WORKS, ROADS & INFRASTRUCTURE

CIBD Class Grading 7GB or Higher

CONTRACT NO: LDPWRI-B/070513

FOR

COMPLETION OF HEALTH SUPPORT COMPLEX AT THABAMOOPO PSYCHIATRIC
HOSPITAL IN LEBOWAKGOMO (CAPRICORN DISTRICT)

PROCUREMENT DOCUMENT

NAME OF TENDERER: _____

TENDER SUM: _____

ISSUED BY:

DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE, ROADS &
INFRASTRUCTURE

PRIVATE BAG X9491

POLOKWANE

0700

Tel: (015) 284 7000/1



DEPARTMENT OF
PUBLIC WORKS, ROADS
AND INFRASTRUCTURE

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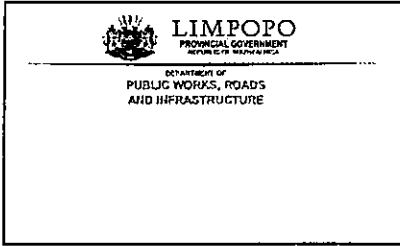
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CONTRACT No.: LDPWRI-B/070513
COMPLETION OF HEALTH SUPPORT COMPLEX AT THABAMOPOO PSYCHIATRIC HOSPITAL IN LEBOWAKGOMO
CAPRICORN DISTRICT)



PART T1 : TENDERING PROCEDURES

T1.1 Tender Notice and Invitation to Tender

LDPWR&I invites tenders for the **COMPLETION OF HEALTH SUPPORT COMPLEX AT THABAMOPOO PSYCHIATRIC HOSPITAL IN LEBOWAKGOMO (CAPRICORN DISTRICT) FOR THE DEPARTMENT OF PUBLIC WORKS,ROADS AND INFRASTRUCTURE**, for a period of 24 months.

It is estimated that tenderers should have a CIDB contractor grading designation of **7GB** or higher.

Only tenderers who meet the minimum requirements are eligible to submit tenders

A compulsory clarification meeting with representatives of the Employer will take place at Thabamooop Psychiatric Hospital **as per Tender Advert** starting at **as per Tender Advert**.

The closing time for receipt of tenders is **as per Tender Advert** on **as per Tender Advert** Telegraphic, telephonic, telex, facsimile, e-mail and late tenders will not be accepted.

Tenders must only be submitted on the tender documentation that is issued including priced bills of quantities.

Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.



LIMPOPO
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T1.2 Tender Data

Clause number	Tender Data
3.1	The Employer is Limpopo Department of Public Works, Roads and Infrastructure, Roads and Infrastructure
3.2	The tender documents issued by the employer comprise the following documents: THE TENDER Part T1: Tendering procedures T1.1 - Tender notice and invitation to tender T1.2 - Tender data Part T2: Returnable documents T2.1 - List of returnable documents T2.2 - Returnable schedules THE CONTRACT Part C1: Agreements and Contract data C1.1 - Form of offer and acceptance C1.2 - Contract data PART C2: Special Notes to Bidders Part C3: Pricing data C3.1 - Provisional Bill of Quantities C3.2 - Electrical Installation C3.3 - Mechanical Installation C3.4 - Civil Works
3.3	The employer's agent is : Name: MSK Architects Address: P O Box 412, Manlyn, 0063 Tel: (012) 348 5680 Fax: (012) 361 5894 E-mail: mkazhila@icloud.com
3.4	The language for communications is English

3.5	<p>Only those tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations, for a 7GB or higher class of construction work, are eligible to have their tenders evaluated.</p> <p>Joint ventures are eligible to submit tenders provided that:</p> <p>1. every member of the joint venture is registered with the CIDB;</p> <p>the lead partner has a contractor grading designation in the GB class of construction work; and the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a 7GB class of construction work.</p>
3.6	<p>The arrangements for a compulsory clarification meeting are as stated in the Tender Notice.</p>
3.7	<p>Parts of each tender offer communicated on paper shall be submitted as an original, plus 0 copies.</p>
3.8	<p>A tender security in line with the JBCC is required and shall remain valid for a period from site handover until issue of final payment from the successful contractor.</p>
3.9	<p>The employer's details and address for delivery of tender offers and identification details that are to be shown on each tender offer package are:</p> <p>Location of tender box: DEPARTMENT OF PUBLIC WORKS,ROADS AND INFRASTRUCTURE Physical address: Corner River street and Blaauwberg Street (Former Public Works,Roads and Infrastructure) Identification details: Tender reference number, Title of Tender and the closing date and time of the tender</p>
3.10	<p>The tenderer is to submit the latest CSD Report</p>
3.11	<p>The closing time for submission of tender offers is as stated in the Tender Notice and Invitation to Tender.</p>
3.12	<p>The tender offer validity period is 120 days.</p>
3.13	<p>Access shall be provided for the following inspections, tests and analysis:</p>

NOTES TO BIDDERS

4.1. CRITERIA USED FOR THE EVALUATION/ ADJUDICATION OF INFRASTRUCTURE RELATED BIDS

- 4.1.1 The points are allocated as follows:
- 4.1.2 For projects above R500 000, the distribution of points is used as follows:
 - a. Bidders must complete SBD 6.2 – Local Content (Annexure C,D,E). Bidders who fail to comply with SBD 6.2 including annexure C will be disqualified
 - b. Functionality – A bidder must obtain a minimum of 70% under functionality to qualify for final evaluation. Responsive bids will be evaluated using a point system which awards on the basis set out in the table below:

TENDER EVALUATION CRITERIA FOR QUALITY	WEIGHTING
<p>SIZE OF ENTERPRISE AND CURRENT WORKLOAD OF BIDDER</p> <ul style="list-style-type: none"> • Capacity to execute the contract (with reference to current projects) <ul style="list-style-type: none"> ○ Current value is equal or greater than twice the maximum value of the required CIDB grade = 0 ○ Current value is greater than the maximum value of the required CIDB grade but less than twice the maximum value of the required CIDB grade = 8 ○ Current value is within the required CIDB threshold = 12 ○ Current value is less than the minimum value of the required CIDB grade = 20 <p>Current value refers to current value of projects for both General Building (GB) and Civil Engineering (CE).</p> <p>Please list the current projects which your company is busy executing in the table below.</p> <p><i>NB: Completion of this table is mandatory for points to be allocated. (NB Do not refer to any attachment). If no projects at the moment the tender must indicate/write on this table (NB Misrepresentation of facts will render your bid non-responsive).</i></p>	<p>20</p>

Table 1 List of current projects executed by the bidder

1. Do you have the current projects being executed Yes/No?
2. If Yes, please indicate the details on the table below. Please note that it is compulsory to answer the question and if the answer is yes, complete the table. If the question not answered or the table not completed the points will not be allocated.

Project Description	Project Value	Start date	Planned end date	Client Name	Contact Person number

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PUBLIC WORKS, ROADS AND INFRASTRUCTURE

1						

PROFILE OF KEY STAFF (CVs and certified copies of qualifications must be attached for points to be allocated, and this must be linked to the company's organogram).

NB: Completion of this table is mandatory for points to be allocated (Do not refer to any attachment).

Project's Supervisor.

- **Qualification**
 - Degree in built environment =5
 - National Diploma in built environment =3
 - Certificate in built environment =1
- **Experience**
 - 5yrs experience or more = 5
 - 2<5yrs Experience =3
 - 1≤2yrs experience =1

Construction Manager

- **Qualification**
 - Degree in built environment =5
 - National Diploma in built environment =3
 - Certificate in built environment =1

• **Experience**

- 5yrs experience or more = 5
- 2<5yrs Experience =3
- 1≤2yrs experience =1

Site Safety Officer

Legal appointment for a Site Safety Officer appointed in terms of the Occupational, Health and Safety Act (OHS Act) and his/her CV and qualifications.

- **Registration with the council**
- Registration with professional council in built environment=5
- None registration with the council=0

Experience (registration or not)

- 5yrs experience or more=5
- 2<5yrs experience=3
- 1<2yrs experience=1

30

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Details of key staff.

Name	Position	Qualifications	Professional Registration (if any)	Previous Project Experience	Role in this project	Indicate whether Full time/Part time on this project

PREVIOUS EXPERIENCE

Relevant Experience in Similar Projects completed on time (in the last 10 years) and Include the following:

- **Similar Projects = 5 to 20**
- **If Project(s) value is greater than 1,5 times the maximum value of the required CIDB grade = 20**
- **If Project(s) value is greater than the maximum value of the required CIDB grade but less than 1,5 times the maximum value of the required CIDB grade = 15**
- **If Project(s) value is twice the minimum value of the required CIDB threshold and completed on time = 10**
- **If Project(s) value is equal to or greater than the minimum value of the required CIDB grading and less than twice the minimum value of the required CIDB grade = 5**
- **If Projects value is less than the required CIDB grade = 0**
- **If Projects value is for unrelated project (s) = 0**

NB: Completion of this table is mandatory for points to be allocated (**NB** Do not refer to any attachment). Site Handover Certificate, Practical completion certificate and approved extension of time award letters (if any) must be attached as proof of completion on time for full points to be allocated

20

Details of projects completed in the last 10 years

Project Description (include type of works- GB, CE, etc.)	Project Value	Completion Certificate attached (Yes/No)	Client Name	Contact Person (Tel)

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PROPOSAL AND METHODOLOGY <ul style="list-style-type: none"> • Project Proposal/Approach = 10 • Project Schedule/programme Gantt Chart(Acceptable Scheduling Software) = 5 • Cash-flow Projections = 5 	20
SAFETY, HEALTH AND ENVIRONMENTAL POLICY (SHEQ) <ul style="list-style-type: none"> • Bidder has submitted no information or inadequate information to determine scoring level=0 • The bidder has misunderstood certain aspects of the scope of work and does not address safety and health issues related to the works – i.e. there is no cognisance to the safety of the learners, teachers and workers and the impact of their work on the environment=5 • The safety, health and environment approach provided deal with the critical aspects of the project, such as demolishing, refurbishment and risk associated with the works. Cognisance is taken dealing with safety of the workers, leaners and teachers when conducting their works such as barricading of the area, conducting safety talk with the affected parties=10 	10
TOTAL	100

N.B To qualify for final evaluation on all infrastructure projects, the bidder must obtain a minimum score of 70% on functionality.

.1.3	NOTE: In order for the Tenderer to claim points for Experience under Functionality, the Tenderer must also attach the following proof for each of the completed projects to Form T2.1: <ul style="list-style-type: none"> • Copy of Appointment Letter for current and completed projects, and • Copy of Completion Certificate for completed projects.

1.2

Second stage – Compliance to administrative requirements

Failure to comply with the following administrative requirements may disqualify the bidder

Bidders will be evaluated on the following administrative compliance:

- **Submit Power of attorney / authority for signatory**
- **Submit Full CSD Report**
- **Submit Joint Venture Agreement (If applicable)**
- **In case of a JV – A JV or Both Parties CSD Report must be submitted**
- **Submit Fully Completed Compulsory Declaration Form**
- **Alterations to the bid document or submission of a copy of the original bid document is not allowed**
- **Completion of the Bid Document must be done with a non-erasable black pen**
- **Non completion of form of offer**
- **Submission of Fully Completed and Priced Bill of Quantities**

Third stage – Evaluation in terms of the 80/20 Preference Point System:

Responsive tenders which have achieved the minimum qualification score for functionality will be evaluated further, using the 80/20 preference point system.

Step 1: Calculation of points for Price

The PPPFA prescribes that the lowest acceptable bid will score 80 points for price. Bidders that quoted higher prices will score lower points for price on a pro-rata basis. The formula to be used for calculating points scored for price is the following:

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

Where

P_s = Points scored for price of the bid or tender under consideration

P_t = Price (Rand value) of bid or tender under consideration

P_{min} = Price (Rand value) of the lowest acceptable bid or tender

Points scored must be rounded off to the nearest 2 decimal

1.3

Step 2: Calculation of points for B-BBEE status level of contributor

Points shall be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below

Point System

Scoring of B-BBEE STATUS LEVEL OF CONTRCTOR: (20 points)

B-BBEE STATUS LEVEL OF CONTRCTOR	NUMBER OF POINTS
1	20
2	18
3	16
4	14
5	8
6	6
7	4
8	2
Non-compliant contributor	0

A bid shall not be disqualified from the bidding process if the bidder does not submit a certificate substantiating the B-BBEE status level of contribution nor is a non-compliant contributor. Such a bidder will score zero (0) out of a maximum of 20 points for B-BBEE.

The points scored for price shall be added to the points scored for B-BBEE status level of contribution to obtain the bidder's total points scored out of 100.

Award of contract to bids not scoring the highest number of points

- (a) A contract must be awarded to the bidder who scored the highest total number of points in terms of the 80/20 preference point system.
- (b) In exceptional circumstances a contract may, on reasonable and justifiable grounds, be awarded to a bidder that did not score the highest number of points. The reasons for such a decision must be approved and recorded for audit purposes and must be defensible in a court of law.

Evaluation of bids that scored equal points

- (a) In the event that two or more bids have scored equal total points, the successful bid must be the one that scored the highest points for B-BBEE.
- (b) If two or more bids have equal points, including equal preference points for B-BBEE, the successful bid must be the one scoring the highest score for functionality.
- (c) In the event that two or more bids are equal in all respects, the award must be decided by the drawing of lots.

4.4 Risk assessment

The bidder must be evaluated for risk as set out by the department before considering the recommendations

The tendering Service Provider's experience and performance on comparable projects during the past 5 years. Aspects to be regarded as "comparable" includes (but may be extended according to circumstances): size of projects (measured against monetary value, or other project quantifying parameters), nature of projects (building, engineering, high/low rise, etc.), locality/area of execution (site-specific influences, knowledge of local conditions, etc.), complexity of project, projects for similar client department irrespective of end purpose of buildings/facilities created or in progress of being created and time scales of projects (normal, fast track, etc.) and stage of its/their development.

[An opinion will be formed by each of the members of an evaluation panel according to his/her assessment of the experience and performance of the tendering Service Provider from information submitted with the tender

(in written-, report- and/or brochure format), and upon further investigations/reference checks that may be performed, for which purpose the tendering Service Provider must include names and contact particulars of present and previous Employers to whom services are/were rendered. The Employer retains the right to contact references not mentioned by the tendering Service Provider. Members of the evaluation panel will discuss their respective risk perceptions in order to reach consensus, failing which the specific risk will be put to the vote. No risk assessment will be performed for this criterion in the absence of relevant information with the tender and will therefore render the tender as unacceptable and excluded from further consideration.]

- 4.4.1. Bidders submitting two or more offers on the same bid under different names without declaring interest / equity ownership shall be disqualified.
- 4.4.2 Bidders submitting two or more offers on the same bid under the same company name, the highest offer will not be considered.
- 4.4.3 The Department reserves the right to consider bid prices that are above the budget.
- 4.4.4 Proper completions and signing of all prescribed parts of the bid form is a compulsory requirement. Any bid offer that do not provide all the required information completely and in a form that is required, may be regarded as non-responsive.
- 4.4.5. The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser
- 4.4.6 Registration in the relevant grading designation or class of works in the CIDB database or any other database of relevant regulatory authorities is a compulsory requirement.
- 4.4.7 All the companies that have formed a joint venture or consortium must be registered with the CIDB.
- 4.4.8 The department of Public Works, Roads and Infrastructure will consider inactive or suspended contractor status with the CIDB as non-registration and therefore any company with such status will not be considered for bid evaluation. It remains the onus of the contractor to ensure that the company CIDB status updated and comply with CIDB.
- 4.4.9 It is a condition of this bid that the taxes of the successful bidder must be in order, or that satisfactory arrangements have been made with South African Revenue Service (SARS) to meet the bidder's tax obligations.
- 4.4.10 Only the original bid form stamped by the Department of Public Works, Roads and Infrastructure will be accepted. All Pages of the Bid Form must be submitted in full as it is an essential part for the bid evaluation.
- 4.4.11 The bidder shall not make any alterations or additions to the bid document, except to comply with the instructions issued. Any necessary or corrected errors made by the bidder shall require the signatories of the company or firm to initial on all such alteration. Erasure and the use of masking fluid are prohibited.
- 4.4.12 The Head of Department shall upon awarding of the bid at the rand value of R2 million and above, require the bidder to provide a surety, securities and/or guarantees from an accredited financial institution prior to the signing of the contract and commencement of works.
- 4.4.13 The bidder shall be entitled to a maximum of 21 days to secure such sureties as stated in clause 14.0 of the JBCC Principal Building Agreement. Failure to provide with a surety, securities and/or guarantees from an accredited financial institution within the stipulated period shall, upon notification in writing by the Head of Department, nullify the award/acceptance letter of the bidder

4.4.14 The special conditions of contract take precedent on any of the conditions of contract that are to be applied.

4.4.15. The bidder shall familiarise him/herself with the relevant conditions of contract for the awarded bid and signing of such contracts before commencement of works.

4.4.16 In bids where Consortia / Joint Ventures / Sub-contractors are involved, each party must submit a separate Tax Clearance Certificate. Note that in all construction projects the joint venture or consortium members must be registered with the Construction Industry Development Board. No other Joint Venture Agreement will be considered except the one incorporated in the bid form.

4.4.17 This bid is subjected to the conditions and practices of the JBCC and where applicable, the special conditions of contract.

4.4.18 It remains the responsibility of the contractor to ensure compliance to Occupational Health and Safety Act, 1993 (Act no. 85 of 1993); Best Practice Labour-Based Methods and Technologies Employment Intensive Construction Works; Conditions of Employment for Special Public Works, Roads and Infrastructure Programmes in terms of the Basic Conditions of Employment Act of 1997, Labour Relations Act 1995 (Act no. 66 of 1995) and all the relevant regulations pertaining to these acts.

4.4. ***The Department of Public Works, Roads and Infrastructure, Roads and Infrastructure reserves the right not to award the bid to the bidder with the lowest price, to alter the terms and conditions of the bid and to cancel the bid at any time during the contract period.***

Department Special No.1	<p>SMME's: It is a requirement of this contract that participation in the contract must be granted to local SMME companies. Local is defined as "having their head office within the Limpopo Province boundaries". A SMME company should be a registered company, and must also be registered with CIDB. The minimum target for local SMME participation shall be 15% of the Tender Sum. This can be achieved through either one or more local SMME companies.</p> <p>Information in this regard needs to be provided by the contractor on forms RDP2(E),RDP 2(E1),RDP2(E2),etc. Commitments to this goals will be a condition of award.</p> <p>The department also reserves the right to terminate the contract when the contractor does not honour his commitments in this regard during construction.</p>
Department Special No.2	<p>Labour Content: The minimum Labour content for this project shall be 10% OF THE WORKS. Note: All unskilled labour shall be sourced from the LOCAL COMMUNITY where LOCAL COMMUNITY means those in the immediate vicinity of the project. The contractor's own skilled personnel will not be counted towards the said 10%.</p>

PART T2: LIST OF RETURNABLE DOCUMENTS

T2.1 Returnable Schedules required for tender evaluation purposes

The tenderer must complete the following returnable schedules as relevant:

- T2.1A** Certificate of authority
- T2.1B** Record of Addenda to Tender Documents
- T2.1C** Proposed amendments and qualifications
- T2.1D** Compulsory Declaration
- T2.1E** Preferencing Schedule: Broad Based Black Economic Empowerment Status
- T2.1F** Joint venture agreement (where applicable)

- SBD 1 - INVITATION TO BID**
- SBD 3.1 - PRICING SCHEDULE – FIRM PRICES**
- SBD 4 - DECLARATION OF INTEREST**
- SBD 6.1 - PREFERENCE POINTS CLAIM FORM**
- SBD 6.2 - DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT
LOCAL CONTENT DECLARATION - SUMMARY SCHEDULE**
- SBD 8 - DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES**
- SBD 9 - CERTIFICATE OF INDEPENDENT BID DETERMINATION
DECLARATION OF SUBCONTRACTING ARRANGEMENTS**

OHS SPECIFICATIONS

THE CONTRACT

Part C1: Agreements and Contract data

C1.1 Offer portion of Form of Offer and Acceptance

Part C3: Pricing data

- C3.1 Provisional Bill of Quantities**
- C3.2 Electrical Installation**
- C3.3 Mechanical Installation**
- C3.4 Civil Works**

CERTIFICATE OF AUTHORITY

Indicate the status of the tenderer by ticking the appropriate box hereunder. The tenderer must complete the certificate set out below for the relevant category.

A Company	B Partnership	C Joint Venture	D Sole Proprietor	E Close Corporation

A. Certificate for company

I,....., chairperson of the board of directors of hereby confirm that by resolution of the board (copy attached) taken on20...., Mr/Mrs.....acting in the capacity of.....,was authorised to sign all documents in connection with this tender and any contract resulting from it on behalf of the company.

As witness

1.....
Chairman

2.....
Date

B. Certificate of partnership

We, the undersigned, being the key partners in the business trading as

hereby authorise Mr/Mrs....., acting in the capacity of.....to sign all documents in connection with the tender for Contract.....and any contract resulting from it on our behalf.

NAME	ADDRESS	SIGNATURE	DATE

NOTE: This certificate is to be completed and signed by all of the key partners upon whom rests the direction of the affairs of the Partnership as a whole.

T2.1A

C. Certificate for Joint Venture

We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorise Mr/Mrs....., authorised signatory of the companyacting in the capacity of lead partner, to sign all documents in connection with the tender offer for Contract.....and any other contract resulting from it on our behalf.

This authorisation is evidenced by the attached power of attorney signed by legally authorised signatories of all the partners to the Joint Venture.

NAME OF FIRM	ADDRESS	AUTHORISING SIGNATURE, NAME & CAPACITY

D. Certificate for sole proprietor

I,, hereby confirm that I am the sole owner of the business trading as.....

As Witness:

1..... Signature: Sole owner
 2..... Date

E. Certificate for Close Corporation

We, the undersigned, being the key members in the business trading as.....hereby authorise Mr/Mrs.....acting in the capacity of....., to sign all documents in connection with the tender for Contract.....and any contract resulting from it on our behalf.

NAME	ADDRESS	SIGNATURE	DATE

NOTE: This certificate is to be completed and signed by all the key members upon whom rests the direction of the affairs of the Close Corporation as a whole

T2.1A
Record of Addenda to tender documents

We confirm that the following communications received from the Employer before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:		
	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Attach additional pages if more space is required.

Signed

Date

Name

Position

Tenderer

T2.1B

Proposed amendments and qualifications

The Tenderer should record any deviations or qualifications he may wish to make to the tender documents in this Returnable Schedule. Alternatively, a tenderer may state such deviations and qualifications in a covering letter to his tender and reference such letter in this schedule.

The Tenderer's attention is drawn to clause 5.8 of SANS 10845-3 regarding the employer's handling of material deviations and qualifications.

Page	Clause or item	Proposal

Signed

Date

Name

Position

Tenderer

T2.1C

Compulsory Declaration

The following particulars must be furnished. In the case of a joint venture, separate declaration in respect of each partner must be completed and submitted.

Section 1: Enterprise Details

Name of enterprise:	
Contact person:	
Email:	
Telephone:	
Cell no	
Fax:	
Physical address	
Postal address	

Section 2: Particulars of companies and close corporations

Company / Close Corporation registration number	
--	--

Section 3: SARS Information

Tax reference number	
VAT registration number:	<i>State Not Registered if not registered for VAT</i>

Section 4: CIDB registration number

Section 5: National Treasury Central Supplier Database

Supplier number	
Unique registration reference number	

Section 6: Particulars of principals

principal: means a natural person who is a partner in a partnership, a sole proprietor, a director of a company established in terms of the Companies Act of 2008 (Act No. 71 of 2008) or a member of a close corporation registered in terms of the Close Corporation Act, 1984, (Act No. 69 of 1984).

Full name of principal	Identity number	Personal tax reference number

Attach separate page if necessary

T2.1D

Preferencing schedule: Broad Based Black Economic Empowerment Status

Preamble

Section 10(b) of the Broad-Based Black Economic Empowerment Act of 2003 (Act No. 53 of 2003) states that "Every organ of state and public entity must take into account and, as far as is reasonably possible, apply any **relevant code of good practice** issued in terms of this Act in developing and implementing a preferential procurement policy."

A number of codes of good practice have been issued in terms of Section 9(1) of the B-BBEE Act of 2003 including a generic code of good practice and various sector codes. The sector codes vary the metrics, weightings and targets used in the generic code of good practice to establish the overall performance of an entity and its B-BBEE status. The B-BBEE status needs to be assessed in accordance with the applicable code.

1 Conditions associated with the granting of preferences

Tenderers who claim a preference shall provide sufficient evidence of their B-BBEE Status in accordance with the requirements of section 2 in respect of the applicable code as at the closing time for submissions, failing which their claims for preferences will be rejected.

2 Sufficient evidence of qualification

2.1 Exempted micro enterprises

Sufficient evidence of qualification as an Exempted Micro-Enterprise is a :

- a) a registered auditor's certificate or similar certificate issued by an accounting officer as contemplated in the Close Corporation Act of 1984 in respect of the entity's last financial year or a 12 month period which overlaps with its current financial year; or a certificate issued by a verification agency and which is valid as at the closing date for submissions; or.
- b) a sworn affidavit - B-BBEE Exempted Micro Enterprise (see www.thedti.gov.za/gazettes/Affidavit_EME.pdf)

2.2 Enterprises other than micro exempted enterprises

Sufficient evidence of B-BBEE Status is:

- a) an original or certified copy of the certificate issued by a verification agency accredited by the South African National Accreditation System (SANAS) or registered auditors approved by Independent Regulatory Board for Auditors (IRBA) and which is valid as at the closing date for submissions; or.
- b) a sworn affidavit – B-BBEE Qualifying Small Enterprise (see www.thedti.gov.za/gazettes/BBEE_QUALIFYING_SMALL_ENTERPRISE.pdf)

T2.1E

3 Tender preferences claimed

The scoring shall be as follows:

B-BBEE status determined in accordance with the referencing schedule for Broad-Based Black Economic Empowerment	% max points for preference
Form not completed or no-complaint contributor	0
Level 8 contributor	10
Level 7 contributor	20
Level 6 contributor	30
Level 5 contributor	40
Level 4 contributor	50
Level 3 contributor	80
Level 2 or contributor	90
Level 1 contributor	100

4 Declaration

The tenderer declares that

- a) the tendering entity is a level contributor as stated in the submitted evidence of qualification as at the closing date for submissions
- b) the tendering entity has been measured in terms of the following code (tick applicable box)
 Generic code of good practice

Other – specify

- c) the contents of the declarations made in terms of a) and b) above are within my personal knowledge and are to the best of my belief both true and correct

The undersigned, who warrants that he / she is duly authorized¹

to do so on behalf of the tenderer confirms that he / she understands the conditions under which such preferences are granted and confirms that the tenderer satisfies the conditions pertaining to the granting of tender preferences.

Signature :

Name :

Duly authorised to sign on behalf of :

Telephone :

Fax: Date :

Name of witness Signature of witness

- Note:** 1) Failure to complete the declaration will lead to the rejection of a claim for a preference
 2) Supporting documentation of the abovementioned claim for a preference must be submitted with the tender submission to be eligible for a preference

T2.1E

SAFCEC JOINT VENTURE AGREEMENT

JOINT VENTURE AGREEMENT made and entered into by and between:

..... of
..... (hereafter referred to as)

of the first part;

and

..... of
..... (hereafter referred to as)

of the second part;

PREAMBLE

WHEREAS the Parties have formed a Joint Venture in order to submit tenders to the
..... for the construction of
..... (hereafter
referred to as the "works").

NOW THEREFORE, IT IS AGREED AS FOLLOWS:

1. FORMATION OF JOINT VENTURE

1.1 The Parties hereby associate themselves into and as a Joint Venture in accordance with the provisions of this Agreement under the style or firm name of

JOINT VENTURE.

1.2 The Parties hereto agree and undertake that they will not disclose the contents of this Agreement to persons with whom they may have any dealings directly or indirectly arising from the conclusion of this Agreement and the operation and establishment of the Works.

1.3 Notwithstanding that the parties may be jointly and severally bound to the, should the Joint Venture be awarded the contract by the for the construction of the Works, nothing herein contained shall be interpreted as giving rise to a general partnership between the parties or limiting the rights or powers of either party to carry on its separate business for its sole benefit.

2. OBJECT AND MOTIVATION

The sole object for which this Joint Venture is established and the sole business of the Joint Venture is to negotiate for and conclude a contract for the execution of the Works and to carry out such Works to finality, all in accordance with the terms of this Agreement.

3. PROFITS AND LOSSES

3.1 The profits and losses of the Joint Venture shall be borne by and In the proportions% and% respectively (hereinafter referred to as "the Specified Proportions").

3.2 In addition to any other provisions contained in this Agreement, the functions, duties, obligations and responsibilities of and under this Joint Venture agreement and in the execution of the Works will be to provide all bridging finance, guarantees and resources necessary to successfully carry out the project in proportion to the specified proportions, in which proportions all profits, losses, costs, liabilities and assets and any other responsibilities, whether pecuniary or otherwise, shall be shared equally, as far as possible.

4 DURATION

The operation of this Agreement shall be deemed to have commenced on the Day of 200..., and shall terminate, except insofar as the provisions of Clauses 5 and 6 apply, upon the happening of any of the following events, whichever shall be earlier:

4.1 Award of the Contract by for the construction of the Works to an outside party or parties, or

4.2 In the case of contract award, at the time the contract is terminated and all rights and obligations of the parties in connection with such contract and in connection with this Agreement have ceased, but in no case before the conclusion of any maintenance period in the contract and the cancellation and/or refund of all guarantees and bonds. The Joint Venture existence shall also be deemed to continue insofar as the Joint Venture is responsible for latent defects under the contract.

5. EXCLUSIVITY

The Parties agree and undertake in favour of each other that neither of them shall, except in accordance with the intention expressed in this agreement, be associated in any manner, either directly or indirectly, with any investigation, negotiation, tender or proposal for the performance of or incidental to the execution of the Works and including any variation by way of addition or omission from the scope of the Works or the extension to the Works, nor invest in any company, enterprise or partnership in any manner related thereto, either as previously agreed by the Management Committee in writing.

6. PRE-CONTRACT COSTS

- 6.1 All costs incurred by the Parties prior to the day of 200....., shall be for their own account.
- 6.2 Costs incurred by the Parties after the day of 200... and approved by the Management Committee, shall be borne by the Parties in the Specified Proportions.

7. MANAGEMENT COMMITTEE

7.1 The day-to-day affairs of the Joint Venture shall be under the control of a Management Committee which shall consist of one representative of each of the parties. Within the terms of this agreement and the contract, if awarded, each such member shall have full authority to bind the party and/or parties he represents in all matters relating to the affairs of the Joint Venture.

No party to this agreement may bind the other party hereto without the prior consent of such other party, nor may the Management Committee bind the Joint Venture or any party beyond the terms of this agreement or the contract without the prior written consent of both parties.

The parties hereto shall be obliged immediately upon signature of this Agreement, to appoint their representatives and the first meeting of the Management Committee will be held immediately thereafter. The parties shall be obliged at all times to maintain a representative on the Management Committee.

7.2 Each representative on the Management Committee shall be entitled to appoint, and from time to time remove and replace, an alternate who shall, at any meeting of the Management Committee at which the representative whom he represents is absent, be vested with all rights and powers and subject to all obligations of the representative whom he represents.

7.3 The Chairman at meetings of the Management Committee shall be a representative from and respectively on a six months rotation basis commencing with

7.4 Meetings of the Management Committee shall take place at such times and places as the Committee shall determine, provided that the Chairman shall be obliged to convene a meeting of the Management Committee not later than 10 days after being required to do so by any one of the parties to this agreement. Not less than five days notice of any meeting of the Management Committee shall be given to the representatives thereof and their alternates.

7.5 Decisions of the Management Committee shall be unanimous, provided that If the representatives

or the alternates fail to agree on any decision, the meeting at which that decision is sought shall be adjourned for a period of 24 hours and should the representatives then not agree on the course of action to be taken the matter shall be referred to the Executive Board for a decision. The decision of such Executive Board shall be placed before a further adjourned meeting, which shall take place no later than 72 hours after the initial adjourned meeting, and shall bin the Management Committee which shall adopt such decision without variation.

- 7.6 Subject to 7.7 below, decisions o the Management Committee may be reached telephonically, telegraphically, by facsimile or in writing.
- 7.7 Decisions of the Management Committee, whether at a meeting or otherwise, shall be recorded in written minutes which shall be distributed by the Chairman, for the time being to the members of the Management Committee not later than seven days after those decisions have been taken. Such minutes shall be deemed to have been affirmed unless dissented from not later than seven days after they are deemed to have been received by the dissenter.
- 7.8 The Management Committee may, as it wishes, decide to increase the number of its members for or invite other parties to attend any of its meetings. Such co-opted members or observers shall not have a vote.
- 7.9 The Management Committee shall have the power to delegate such of its powers and duties as it may determine in the best interests of the parties.
- 7.10 No remuneration shall be paid by the Joint Venture to the parties' representatives on the Management Committee in their capacities as such.
- 7.11 The administrative function regarding the operation of the Management Committee shall be fulfilled by the Chairman.

8 POWERS OF THE MANAGEMENT COMMITTEE AND DIRECTION OF THE PROJECT MANAGER

The functions, responsibilities and powers of the Management Committee shall be:

- 8.1 To appoint the Project Manager who shall be nominated by and and who shall attend all meetings of the Management Committee for the implementation of its policies and act only in accordance with its directives and its established procedures. The Project Manager shall be removed in terms of 10 hereof and his successor(s) shall be nominated by and And approved by the Management Committee.
- 8.2 To formulate and dictate to the Project Manager overall policy in regard to the following:
 - 8.2.1 The general day-to-day management of the affairs of the Joint Venture.
 - 8.2.2 Representation of the Joint Venture in dealing with the Resident Engineer/Engineer/Client and third parties on matters affecting the Joint Venture as a whole.
 - 8.2.3 Co-ordination of the activities of the parties.
 - 8.2.4 Preparation by agreement with the parties and supervision of the programme of the Works.
 - 8.2.5 Ensuring that the responsibility of each of the parties in regard to technical and contractual matters is preserved.

- 8.3 To make such provisions as are necessary to enable the Project Manager to perform his tasks.
- 8.4 To approve the balance sheets and accounts of the Joint Venture.
- 8.5 To approve the tender submitted by the Joint Venture and to approve or withhold approval for and amendment proposed thereto.
- 8.6 To approve the appointment of legal advisers and auditors where such appointments are necessary.
- 8.7 To determine the nature and extend of any additional duties and functions of each of the parties in relation to this Joint Venture.
- 8.8 To determine the terms and conditions of employment of personnel as well as emoluments seconded by the parties to the Joint Venture.
- 8.9 Subject to the terms and conditions of this agreement, to determine and approve:
 - 8.9.1 The amount and type of working capital requirements of the Joint Venture.
 - 8.9.2 All borrowings, guarantees and like obligations undertaken by the parties to the Joint Venture.
 - 8.9.3 The insurance to be taken out by the Joint Venture.
 - 8.9.4 The nature, method and amount of all claims.
 - 8.9.5 When and in what amount to distribute dividends to the parties hereto, save that any decision in terms of which the Joint Venture will undertake further work outside of the original scope of the contract or any variation or amendment of this agreement of the contract, shall require the unanimous agreement of the parties before becoming effective and binding the Joint Venture.
 - 8.9.6 The approval and appointment of all sub-contractors.

9 THE EXECUTIVE BOARD

- 9.1 The Executive Board shall consist of one representative of each of the parties who shall be the Chief Executive Officer of each Joint Venture partner or their nominated deputy but shall not be the same representative as appointed to the Management Committee in terms of Clause 7.1 hereof. The Executive Board shall be the mediation authority of the Joint Venture which shall decide on all issues which are referred to it by the Management Committee as well as on all issues where the Management Committee is not unanimous.
- 9.2 Decisions of the Executive Board, whether original decisions or decisions taken after referral from the Management Committee shall be implemented by the Management Committee as per Clause
- 9.3 Decisions of the Executive Board shall be unanimous.
- 9.4 Effect shall be given to a resolution arrived at unanimously.

- 9.5 In the event of the Executive Board not being unanimous in its decision the matter is to be referred to arbitration in terms of Clause 16 hereof.
- 9.6 Subject to 9.7 as read in conjunction with 7.7 and, provided that they are unanimous, decisions of the Executive Board may be reached telephonically, telegraphically or in writing. If reached telephonically or otherwise orally such decision must be confirmed in writing within 24 hours.
- 9.7 The Minutes of meetings of the Executive Board shall be handled mutatis mutandis in the manner per Clause 7.7.
- 9.8 The administrative functions regarding the operation of the Executive Board shall be fulfilled by the Chairman of the Management Committee, who shall not be entitled to a voice or a vote at Executive Board meetings.

10 PERSONNEL

- 10.1 The Project Manager shall be appointed as provided in Clause 8.1 hereof.
- 10.2 The person nominated to the office of Project Manager shall be subject to removal from such office by decision of the Management Committee.
- 10.3 All the remuneration and emoluments of employment of the Project Manager shall be an expense of and paid by the Joint Venture, provided that a party shall be entitled by notice in writing delivered to the other parties to elect that the person to be nominated by it to fill the offices of project Manger shall be seconded to the Joint Venture in which event the remuneration and emoluments which would otherwise have been paid to such persons while filling such offices shall be paid to the member responsible for their nomination or otherwise as such member shall direct and subject to such payment being duly and promptly paid to the member or its nominee, the member will hold harmless and keep indemnified the Joint Venture and the other members from all actions, proceedings, claims and demands by such persons or otherwise howsoever in respect of such remuneration and emoluments. The remuneration and emoluments to be paid and allowed by the Joint Venture to the Project Manager shall be determined from time to time by the Management Committee and borne by the parties hereto in the Specified Propositions.
- 10.4 The members of the Management Committee and Executive Board and their proxies and alternates a shall not be employees of the Joint Venture and shall not be entitled to claim any salary or remuneration from the Joint Venture by virtue of such appointments unless the Management Committee shall otherwise decide in writing.
- 10.5 shall be appointed as Secretaries to the Joint Venture. Save for matters pertaining to the works and the contract, Shall be consulted on all matters of an administrative and financial nature arising in connection with the business of the Joint Venture where their particular experience, knowledge, facilities and skills in matters of this nature shall be considered to be of benefit to the Joint Venture.

11 FINANCING

11.1 Working Capital

- 11.1.1 Banking accounts shall be opened in the name of the Joint Venture with banks and at such places as may be determined by it, and the parties shall be responsible for the payment in the Specified Properties of such sums to the credit of such banking accounts as shall from time to time be required by way of working capital for the Joint Venture.
- 11.1.2 Any amounts from time to time advanced by the parties to the Joint Venture in terms of this agreement shall be placed to the credit of their respective capital accounts in the Joint Venture.
- 11.1.3 The banking accounts referred to in sub-clause 11.1.1 hereof shall be operated, and cheques thereon shall be drawn in accordance with the instructions to the bankers in question. Withdrawals from these banking accounts shall be effected on the authority of persons nominated thereto by the Management Committee.
- 11.1.4 Should any party fail to make payment to the Joint Venture of any amount which it is obliged to pay in terms of sub-clause 11.1.1 hereof, after the expiry of a period of seven days from the date of notice requiring it to make such payment, the party to default shall be liable for payment of interest to the other parties on the amount so withheld at the rate of Prime Bank rate charged by Joint Venture Bankers per annum should such other parties have advanced the aforesaid sum.
- 11.1.5 All revenue derived by the Joint Venture from the contract shall forthwith be deposited to the credit of the banking accounts referred to in sub-Clause 1.1.1 hereof.
- 11.1.6 The amount for the time being standing to the credit of the Joint Venture's banking accounts shall be applied:
- 11.1.6.1 In discharging the obligations of the Joint Venture in accordance with their tenor; provided that the Management Committee shall be entitled to require the payment of any liability prior to its due date if such anticipated payment will result in the allowance by the creditor in question of an advantageous discount to the Joint Venture for prompt payment;
- 11.1.6.2 As to any surplus of funds for the time being in the said banking account, subject to the agreement of the parties as payment to the parties in the Specified Proportions or in proportion to their participation of the time being in the Joint Venture, save that any such surplus shall first be utilised for the purpose of eliminating or reducing any disproportion in the ratios of the parties respective capital accounts.

11.2 Capital and Advances

- 11.2.1 The amount of capital required by the Joint Venture to attain its object (and which includes all loans, guarantees, indemnities, reserves) shall be determined from time to time by the Management Committee, and upon being so determined shall forthwith be contributed by the parties to the Joint Venture in the Specified Proportions.
- 11.2.2 If at any time any party to the Joint Venture shall, due to an emergency or with the consent in writing of the other parties advance any sum of money or to incur any liability on behalf of the Joint Venture over and above its due contribution to capital, then where money has been advanced, the same shall be a debt due from the Joint Venture to the party advancing the

money, and shall be repayable on thirty days' notice and shall bear interest at Prime Bank rate as charged by Joint Venture's bankers per annum from date of advance to date of payment. Where a party has incurred a contingent liability on the above basis, the other parties shall, within thirty days of being requested to do so in writing, relieve such party of its obligations thereunder to the extent that the obligations of the parties are in the Specified Proportions.

12. ACCOUNTS

12.1 The Joint Venture shall cause proper books of account and complete records to be kept as are customary in the Republic of South Africa relating to all the assets and liabilities of the Joint Venture and expenses incurred or income received by the Joint Venture.

Such book and records shall not be related to the affairs of the parties individually. The said books of account and records, together with all letters, papers or writings concerning or belonging to the Joint Venture shall be kept at site and such other place from time to time as determined by the Management Committee, and each of the parties to the Joint Venture shall at all times have free access and the right to inspect and copy the same.

12.2 Within thirty days of the end of every quarter during the continuance of the Joint Venture, the Joint Venture shall furnish to the Management Committee all necessary documents such as balance sheets, profit and loss accounts, bank balances and comparisons with budget and forecasts of cash flow and profits as are necessary to keep the Management Committee informed of the financial affairs of the Joint Venture. Every such profit and loss account and balance sheet shall be agreed to and signed by the members of the Management Committee on behalf of the Joint Venture members, and when so signed, shall be binding on all the parties, except that if any manifest error therein be detected and pointed out by any party to the others at any time after such signature, such error shall forthwith be rectified.

12.3 After the completion of the contract and the release of all bonds, guarantees and obligations given for the performance of the parties in the Joint Venture, the joint Venture shall procure the preparation and auditing of a final balance sheet and profit and loss account, which shall be approved by the Management Committee, and from which the final profit and loss sustained by the Joint Venture shall be ascertained, and distributed to or contributed by the parties in proportion to their participation in the Joint Venture. This clause shall not be construed as prohibiting the interim distribution of profits or contribution towards losses in the discretion of the Management Committee.

13. WINDING UP

Upon the determination of the Joint Venture in accordance with the provisions of this agreement, a full and general account shall be taken of the assets and liabilities of the Joint Venture and of the transactions and dealings thereof, and with all convenient speed, such assets shall be sold and realised and the proceeds applied in paying and discharging such liabilities and the expenses of and incidental to the winding-up of the Joint Venture affairs and thereafter in paying to each Joint

Venture member its share of such proceeds in the Specified Proportions. The Joint Venture members respectively undertake to do all such things as may be necessary so as to give effect to the above.

14. BREACH

14.1 If a party ("the guilty party") shall commit a breach of any material provision of this agreement, and fail to remedy the same within a period of thirty (30) days after the receipt by it of written notice requiring it to do so, or be placed in liquidation or under judicial management, whether provisionally or finally, or propose any compromise with its creditors, the other parties ("the aggrieved parties") shall have the right, without prejudice to any of its other remedies arising from such breach, forthwith to terminate this agreement, in which event:

14.2 The guilty party's interest in the joint venture shall be taken over by the remaining parties. The aggrieved parties shall, in addition, have the right, if it so requires, to take over the capital account of the party in default.

Such capital account shall be valued on the basis of the nett assets revealed in an audited balance sheet and profit and loss account prepared as at the end of the month in which the default or other breach occurred; provided that the profit and loss account shall take into account the Joint Venture's share in the valuation of the work in progress, as shown in the Joint Venture accounts, at the date of preparation of the balance sheet and profit and loss account, after providing for any known or contemplated future losses to be incurred on the work undertaken or to be undertaken by the Joint Venture and provided further that should upon the completion of the contract or contracts, the provision for losses made in the valuation or work in progress as aforesaid prove to be incorrect, such provisions shall be adjusted. Provided the aggrieved parties have proved that the tender rates as escalated from time to time were inadequate, the guilty party shall be liable to the extent of the participation of such party for all losses incurred on the whole of the contract, including any losses incurred subsequent to the termination of the agreement in accordance with these provisions, but such party shall not be entitled to share in any profits earned subsequent to such termination.

14.3 The aggrieved parties shall have the right to recruit in its employment personnel seconded to the Joint Venture by the guilty party and, as a stipulation in favour of such personnel, the guilty party waives any claims it might otherwise have had against such personnel arising from their summary termination of their employment with the guilty party.

14.3 All plant hired by the guilty party to the Joint Venture shall remain on hire to and under the control of the aggrieved parties until the completion of the contract, or until the aggrieved parties shall release such plant from the operation of this sub-clause. Payment shall be made thereof monthly.

15. DISPUTES

- 15.1 Having regard to the high degree of good faith which must exist between the parties, the parties agree to do their utmost to ensure that the disputes between them are settled equitably and amicably and where possible without resort to arbitration.
- 15.2 In the event of any differences or dispute of whatever nature arising from this agreement (which shall include any failure to agree on any matter which requires the parties' agreement for the purposes of implementation of this agreement) or any other matter related thereto which cannot be settled by direct negotiation between the parties, such differences or dispute shall be referred to arbitration in terms of Clause 16 hereof.

16 ARBITRATION

- 16.1 Save as hereinafter provided, any dispute at any time between any of the parties hereto in regard to any matter arising out of this agreement or its interpretation or rectification shall be submitted to and decided by arbitration.
- 16.2 The arbitration referred to in 16.1 shall be held -
 - 16.2.1 At.....
 - 16.2.2 In a summary manner, i.e. on the basis that it shall not be necessary to observe or carry out either -
 - 16.2.2.1 the usual formalities or procedure (e.g. there shall not be any pleadings or discovery); or
 - 16.2.2.2 the strict rules of evidence.
 - 16.2.3 Immediately and with a view to its being completed within twenty-one business days after it is demanded;
 - 16.2.4 Otherwise (but subject to © (d) and (e) under the provisions of the Arbitration Act No. 42 of 1965 or the Republic of South Africa as amended from time to time).
- 16.3 The Arbitrator shall be, if the question in issue is -
 - 16.3.1 Primarily an accounting matter, an independent accountant;
 - 16.3.2 Primarily a legal matter, a practising Senior Counsel of not than five years standing as such;
 - 16.3.3 Any other matter, an independent person unanimously agreed upon between the parties and failing agreement appointed by the President for the time being of the South African Federation of Civil Engineering Contractors.
- 16.4 If agreement cannot be reached within seven business days after the arbitration has been demanded as to whether the question in issue falls under 16.3.1, 16.3.2 or 16.3.3, then a practising Senior Counsel of not less than five years' standing as such agreed upon between the parties, and failing agreement appointed by the President for the time being of the Society of Chartered Accountants as soon as possible thereafter, shall determine whether the question in issue falls under 16.3.1, 16.3.2 or 16.3.3 so that an arbitrator can be appointed and the arbitration can be held and concluded, if possible, within the prescribed period of twenty-one days.

16.5 The arbitrator shall decide the matters submitted to him according to what he considers just and equitable in the circumstances and, therefore, the strict rules of law need not be observed or be taken into account by him in arriving at his decision.

16.6 The parties irrevocably agree that the decision in those arbitration proceedings -

16.6.1 shall be binding on them;

16.6.2 shall be carried into effect;

16.6.3 can be made an order of any court of competent jurisdiction.

17. CONFIDENTIALITY

17.1 All matters relating to this agreement, any negotiations and the contract for the construction of the Works resulting therefrom shall be regarded by the parties hereto as being highly confidential, and shall not be disclosed without prior written consent of the management Committee to any party, person or entity who or which is not a signatory to this Agreement, except where such disclosure is necessary for the fulfilment of this Agreement.

No party shall at any time hereinafter use any technical information, save that in the public domain, acquired from the other parties hereto except for the purposes of fulfilment of the contract.

17.2 No party shall have the right to advertise, or otherwise permit, the dissemination of publicity concerning its participation in the Joint Venture unless:

17.2.1 the relevant material shall make due reference to and acknowledgement of the work of the other parties;

17.2.2 the relevant material shall, for its dissemination is within the control of the party in question, have been approved by the other parties, which approval shall not be unreasonably withheld.

18. ASSIGNMENT

18.1 No party shall cede, assign or in any other way make over any of its rights or obligations under this agreement without the written consent of the other parties except insofar as such assignment or alienation is to any wholly-owned subsidiary company of that party.

18.2 In the event of such assignment or alienation taking place, the initial party shall jointly and severally and in solidum guarantee the obligations or the assignee towards the remaining parties.

19 GENERAL

19.1 No party shall have a claim against the other parties arising out of a failure to secure the contract, except insofar as the parties are liable to bear the joint venture expenses in the Specified Proportions.

19.2 Any changes and supplementary provisions concerning this agreement shall require the written approval of all the parties hereto.

19.3 Variations not effective unless in writing

No variation, modification or waiver of any provision of this agreement, or consent to any departure therefrom, shall in any event be of any force or effect unless unanimous and confirmed in writing

and signed by the parties; then such variation, modification, waiver or consent shall be effective only in the specific instance and for the purpose and to the extent for which made or given.

19.4 Additions to the Joint Venture

No additional parties shall be admitted to the Joint Venture unless the parties to this agreement unanimously agree and subject to the Conditions of Contract for the Works. All sub-contractors must be approved by the Management Committee in accordance with procedures to be established by the said Committee.

19.5 Company formation

Should the parties at any time unanimously agree to form a company to take over the interest of the Joint Venture in the contract and the assets of the joint Venture, the parties undertake to enter into a Shareholders Agreement embodying insofar as it is reasonably possible and practicable the terms hereof and, in addition, including therein a provision affording each party a right of pre-emption to any shares in the company which the other may from time to time wish to dispose of. For the Works the formation of a company shall be subject to the General Conditions of Contract for the Works.

19.6 Domicilium

19.6.1 The parties hereto respectively choose domicilium citandi et executandi for all purposes of and in connection with this agreement as follows:

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

19.6.2 The parties hereto shall be entitled to change their domicilium from time to time, and any such change shall only be effective upon receipt of notice in writing by the other parties of such change.

19.6.3 All payments to be made pursuant to this agreement, and all notices, demands or communications intended for any party, shall be made or given at such party's domicilium for the time being, and if forwarded by prepaid registered post, shall be deemed to have been made or given seven days after the date of posting unless proved to the contrary.

19.7 Currency

All amounts referred to in this agreement and all monies payable to or by the parties to the Joint Venture in connection with the Joint Venture shall be both calculated and paid in currencies from time to time and at places to be agreed by the Management Committee.

19.8 Governing Law

This agreement shall be construed in accordance with and governed by the laws of Republic of South Africa. The English language version of this agreement shall prevail.

19.9 All correspondence between the parties in regard to this agreement and the contract shall be in the English language.

19.10 Each party shall bear its own costs incurred in the preparation and negotiation of this agreement.

19.11 This agreement over-rides any previous agreement or arrangements concluded between the parties in regard to the works and contract. Notwithstanding the provisions of Clause 19 hereof, the parties agree that any variations to the provision of this agreement and any decisions in terms of which this Joint Venture will undertake further work outside the original scope of the contract referred to earlier, shall require the unanimous agreement of the parties before becoming effective and binding on the parties.

19.12 In the interpretation of this agreement, works in the singular shall include the plural and vice versa as the context may require. The headings to clauses shall not be considered part thereof nor shall the words which they contain be taken into account in the interpretation of any clause.

THUS DONE AND SIGNED AT THISDAY OF.....20.....

For and behalf of:

.....

AS WITNESS:

1.

2.

THUS DONE AND SIGNED AT THISDAY OF.....20.....

For and behalf of:

.....

AS WITNESS:

1.

2.

**PART A
INVITATION TO BID**

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT) LIMPOPO PROVINCE

BID NUMBER:	LDPWRI-B/070513	CLOSING DATE:	As Per Tender Advert	CLOSING TIME:	11H00
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DESCRIPTION **COMPLETION OF HEALTH SUPPORT COMPLEX AT THABAMOOPO HOSPITAL IN LEBOWAKGOMO (CAPRICORN DISTRICT) FOR THE DEPARTMENT OF PUBLIC WORKS,ROADS AND INFRASTRUCTURE,**

BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT CORNER RIVER STREET AND BLAAUBERG STREET, LADANA (FORMER PUBLIC WORKS)

DEPARTMENT OF PUBLIC WORKS,ROADS AND INFRASTRUCTURE

Physical address: 43 Church street at Works Towers, Polokwane, 0700

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO		TECHNICAL ENQUIRIES MAY BE DIRECTED TO:	
CONTACT PERSON	MOLOTO MV	CONTACT PERSON	MASWANGANYI TB
TELEPHONE NUMBER	015 284 7142	TELEPHONE NUMBER	015 284 7123
FACSIMILE NUMBER	N/A	FACSIMILE NUMBER	N/A
E-MAIL ADDRESS	molotoMV@dpw.limpopo.gov.za	E-MAIL ADDRESS	maswanganyitb@dpw.limpopo.gov.za

SUPPLIER INFORMATION

NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	TICK APPLICABLE BOX] <input type="checkbox"/> Yes <input type="checkbox"/> No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT	[TICK APPLICABLE BOX] <input type="checkbox"/> Yes <input type="checkbox"/> No	

[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]
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QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
DOES THE ENTITY HAVE A BRANCH IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?	<input type="checkbox"/> YES <input type="checkbox"/> NO

DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?

YES NO

IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?

YES NO

IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.

PART B TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED-(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
- 1.4. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS:
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
- 2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF BIDDER:

.....

CAPACITY UNDER WHICH THIS BID IS SIGNED:

.....

(Proof of authority must be submitted e.g. company resolution)

DATE:

.....

**PRICING SCHEDULE – FIRM PRICES
(PURCHASES)**

NOTE: ONLY FIRM PRICES WILL BE ACCEPTED. NON-FIRM PRICES (INCLUDING PRICES SUBJECT TO RATES OF EXCHANGE VARIATIONS) WILL NOT BE CONSIDERED

IN CASES WHERE DIFFERENT DELIVERY POINTS INFLUENCE THE PRICING, A SEPARATE PRICING SCHEDULE MUST BE SUBMITTED FOR EACH DELIVERY POINT

Name of bidder.....	Bid number.....
Closing Time 11:00	Closing date.....

OFFER TO BE VALID FOR.....DAYS FROM THE CLOSING DATE OF BID.

ITEM NO.	QUANTITY	DESCRIPTION	BID PRICE IN RSA CURRENCY ** (ALL APPLICABLE TAXES INCLUDED)
-		Required by:
-		At:
-		Brand and model
-		Country of origin
-		Does the offer comply with the specification(s)?	*YES/NO
-		If not to specification, indicate deviation(s)
-		Period required for delivery *Delivery: Firm/not firm
-		Delivery basis

Note: All delivery costs must be included in the bid price, for delivery at the prescribed destination.

** "all applicable taxes" includes value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies.

*Delete if not applicable

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 a price quotation, advertised competitive bid, limited bid or proposal). 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):

2.4 Company Registration Number:

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.

"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.

presently employed by the state?

2.7.1 If so, furnish the following particulars:

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 attached 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 whether or not they are bidding for this contract? YES/NO

2.11.1 If so, furnish particulars:

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

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

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

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 IN TERMS OF PARAGRAPH 23 OF THE GENERAL CONDITIONS OF CONTRACT SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....
Signature

.....
Date

.....
Position

.....
Name of bidder

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); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2

- a) The value of this bid is estimated to exceed/not exceed R50 000 000 (all applicable taxes included) and therefore the preference point system shall be applicable; or
- b) Either the 80/20 or 90/10 preference point system will be applicable to this tender (*delete whichever is not applicable for 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

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

4.1 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 (90/10 system)	Number of points (80/20 system)
1	10	20
2	9	18
3	6	14
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

5. BID DECLARATION

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

6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

6.1 B-BBEE Status Level of Contributor: . =(maximum of 10 or 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.

7. SUB-CONTRACTING

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

(Tick applicable box)

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

7.1.1 If yes, indicate:

- i) What percentage of the contract will be subcontracted.....%
- ii) The name of the sub-contractor.....
- iii) The B-BBEE status level of the sub-contractor.....
- iv) Whether the sub-contractor is an EME or QSE

(Tick applicable box)

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

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

Designated Group: An EME or QSE which is at 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		

8. DECLARATION WITH REGARD TO COMPANY/FIRM

8.1 Name of company/firm:.....

8.2 VAT registration number:.....

8.3 Company registration number:.....

8.4 TYPE OF COMPANY/ FIRM

- Partnership/Joint Venture / Consortium
 - One person business/sole propriety
 - Close corporation
 - Company
 - (Pty) Limited
- [TICK APPLICABLE BOX]

8.5 DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....

8.6 COMPANY CLASSIFICATION

- Manufacturer
 - Supplier
 - Professional service provider
 - Other service providers, e.g. transporter, etc.
- [TICK APPLICABLE BOX]

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

8.8 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.

<p>WITNESSES</p> <p>1.</p> <p>2.</p>
--

<p>..... SIGNATURE(S) OF BIDDERS(S)</p> <p>DATE:</p> <p>ADDRESS</p> <p>.....</p> <p>.....</p>

DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS

This Standard Bidding Document (SBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2011, the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

1. General Conditions

- 1.1. Preferential Procurement Regulations, 2011 (Regulation 9) makes provision for the promotion of local production and content.
- 1.2. Regulation 9.(1) prescribes that in the case of designated sectors, where in the award of bids local production and content is of critical importance, such bids must be advertised with the specific bidding condition that only locally produced goods, services or works or locally manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for bids referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

Where

- x is the imported content in Rand
- y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) at 12:00 on the date of advertisement of the bid as indicated in paragraph 4.1 below.

The SABS approved technical specification number SATS 1286:2011 is accessible on [http://www.thedti.gov.za/industrial development/ip.jsp](http://www.thedti.gov.za/industrial%20development/ip.jsp) at no cost.

1.6 A bid may be disqualified if –

- (a) this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation; and
- (b) the bidder fails to declare that the Local Content Declaration Templates (Annex C, D and E) have been audited and certified as correct.

2. Definitions

- 2.1. **“bid”** includes written price quotations, advertised competitive bids or proposals;
- 2.2. **“bid price”** price offered by the bidder, excluding value added tax (VAT);
- 2.3. **“contract”** means the agreement that results from the acceptance of a bid by an organ of state;
- 2.4. **“designated sector”** means a sector, sub-sector or industry that has been designated by the Department of Trade and Industry in line with national development and industrial policies for local production, where only locally produced services, works or goods or locally manufactured goods meet the stipulated minimum threshold for local production and content;
- 2.5. **“duly sign”** means a Declaration Certificate for Local Content that has been signed by the Chief Financial Officer or other legally responsible person nominated in writing by the Chief Executive, or senior member / person with management responsibility(close corporation, partnership or individual).
- 2.6. **“imported content”** means that portion of the bid price represented by the cost of components, parts or materials which have been or are still to be imported (whether by the supplier or its subcontractors) and which costs are inclusive of the costs abroad (this includes labour or intellectual property costs), plus freight and other direct importation costs, such as landing costs, dock duties, import duty, sales duty or other similar tax or duty at the South African port of entry;
- 2.7. **“local content”** means that portion of the bid price which is not included in the imported content, provided that local manufacture does take place;
- 2.8. **“stipulated minimum threshold”** means that portion of local production and content as determined by the Department of Trade and Industry; and
- 2.9. **“sub-contract”** means the primary contractor's assigning, leasing, making out work to, or employing another person to support such primary contractor in the execution of part of a project in terms of the contract.

3. **The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:**

<u>Description of services, works or goods</u>	<u>Stipulated minimum threshold</u>
Two piece branded overalls(Work Suits)	100%
Branded cricket hats	100%
T-Shirts	100%
Leather Boots	100%
Plastic Gloves	100%
Nose & Face Masks	100%

4. Does any portion of the services, works or goods offered have any imported content?

(Tick applicable box)

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

4.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency at 12:00 on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on www.reservebank.co.za.

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

NB: Bidders must submit proof of the SARB rate (s) of exchange used.

5. Were the Local Content Declaration Templates (Annex C, D and E) audited and certified as correct?
(Tick applicable box)

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

5.1. If yes, provide the following particulars:

- (a) Full name of auditor:
- (b) Practice number:
- (c) Telephone and cell number:
- (d) Email address:

(Documentary proof regarding the declaration will, when required, be submitted to the satisfaction of the Accounting Officer / Accounting Authority)

6. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the AO/AA provide directives in this regard.

LOCAL CONTENT DECLARATION
(REFER TO ANNEX B OF SATS 1286:2011)

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)

IN RESPECT OF BID NO.

ISSUED BY: (Procurement Authority / Name of Institution):

NB
 1 The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.

2 Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on http://www.thdti.gov.za/industrial_development/ip.jsp. Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

I, the undersigned, (full names),
 do hereby declare, in my capacity as
 of(name of bidder entity), the
 following:

- (a) The facts contained herein are within my own personal knowledge.
- (b) I have satisfied myself that:
 - (i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and
 - (ii) the declaration templates have been audited and certified to be correct.
- (c) The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

Bid price, excluding VAT (y)	R
Imported content (x), as calculated in terms of SATS 1286:2011	R
Stipulated minimum threshold for local content (paragraph 3 above)	
Local content %, as calculated in terms of SATS 1286:2011	

If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above. The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E.

(d) I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.

(e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Institution imposing any or all of the remedies as provided for in Regulation 13 of the Preferential Procurement Regulations, 2011 promulgated under the Preferential Policy Framework Act (PPFA), 2000 (Act No. 5 of 2000).

SIGNATURE: _____

DATE: _____

WITNESS No. 1 _____

DATE: _____

WITNESS No. 2 _____

DATE: _____

Annex C

Local Content Declaration - Summary Schedule

(C1) Tender No. LDPWRI-B/070513

(C2) Tender description: COMPLETION OF HEALTH SUPPORT AT THABAMOPOO HOSPITAL

(C3) Designated product(s)

(C4) Tender Authority: LIMPOPO DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE

(C5) Tendering Entity name:

(C6) Tender Exchange Rate: Pula EU GBP

(C7) Specified local content %

Note: VAT to be excluded from all calculations

Tender item no's	List of items (C9)	Calculation of local content					Local content % (per item) (C15)	Total tender value (C17)	Total exempted imported content (C18)	Total Imported content (C19)
		Tender price - each (excl VAT) (C10)	Exempted imported value (C11)	Tender value net of exempted imported content (C12)	Imported value (C13)	Local value (C14)				
22/47	8mm Diameter bars						0,47			
23/47	8mm Diameter bars						0,27			
24/47	10mm Diameter bars						1,18			
25/47	12mm Diameter bars						0,34			
26/47	16mm Diameter bars						0,11			
27/47	Type 193 fabric reinforcement						1 565			
9/51	75mm brick reinforcement						4 929			
10/51	150mm brick reinforcement						5 850			
15/52	Galvanised wire						80,00			
1/57	Roof covering						1 829			
2/57	Ridge capping						102			
3/57	Gable trim						327			
5/57	Valley gutter						82			
							(C20) Total tender value	R 0		
							(C21) Total Exempt imported content	R 0		
							(C22) Total Tender value net of exempt imported content	R 0		
							(C23) Total Imported content	R 0		
							(C24) Total local content	R 0		
							(C25) Average local content % of tender			

Signature of tenderer from Annex B

Date:

Annex C

Local Content Declaration - Summary Schedule

Note: VAT to be excluded from all calculations

(C1) Tender No. **LDPWRL-B/070513**

(C2) Tender description: **COMPLETION OF HEALTH SUPPORT AT THABAMOOPO HOSPITAL**

(C3) Designated product(s):

(C4) Tender Authority: **LIMPOPO DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE**

(C5) Tendering Entity name:

(C6) Tender Exchange Rate: Pula EU GBP

(C7) Specified local content %

Tender Item no's	List of items	Tender price - each (excl VAT)	Calculation of local content				Local content % (per item)	Tender Qty	Total tender value	Total exempted imported content	Total Imported content
			Exempted imported value	Tender value net of exempted imported content	Imported value	Local value					
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)
7/58	Cover flashing							6			
7/62	813 x 2032mm Door							47			
8/62	1500 x 2032mm Door							13			
9/62	1500 x 2032mm Door							4			
10/62	1500 x 2032mm Door							6			
11/62	813 x 2032mm Door							18			
12/62	1500 x 2032mm Door							1			
13/62	1500 x 2064 Door							26			
14/62	1511 x 2032mm Door							6			
15/62	6500 x 3000mm Door							1			
1/73	813 x 2032mm Door Frame							63			
2/73	1000 x 2032mm Door Frame							2			
3/73	1300 x 2032mm Door Frame							13			
4/73	1500 x 2032mm Door Frame							4			
5/73	813 x 2032mm Door Frame							1			
6/73	1500 x 2032mm Door Frame							1			
7/57	1500 x 2064 Door Frame							32			
8/74	1500 x 2100mm roller shutter door							2			

Annex C

Local Content Declaration - Summary Schedule

(C1) Tender No. **I LDPWRI-B/070513**

(C2) Tender description: **COMPLETION OF HEALTH SUPPORT AT THABAMOPO HOSPITAL**

(C3) Designated product(s)

(C4) Tender Authority: **LIMPOPO DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE**

(C5) Tendering Entity name:

(C6) Tender Exchange Rate: **Pula** **EU** **GBP**

(C7) Specified local content %

Note: VAT to be excluded from all calculations

Tender item no's	List of items (C9)	Tender price - each (excl VAT) (C10)	Calculation of local content				Total tender value (C17)	Total exempted imported content (C18)	Total Imported content (C19)
			Exempted imported value (C11)	Tender value net of exempted imported content (C12)	Imported value (C13)	Local value (C14)			
37/85	15mm extension piece								
38/85	15mm angle regulating valve								
39/85	15mm fullway ballcock								
40/85	15mm fullway gate valve								
41/85	20mm fullway gate valve								
42/85	25mm fullway gate valve								
43/85	32mm fullway gate valve								
44/85	15mm Shower mixer								
45/85	15mm Basin set								
46/85	15mm Shower head								
47/85	Vacuum breaker								
48/85	Pressure valve								
						(C20) Total tender value	R 0		
						(C21) Total Exempt imported content	R 0		
						(C22) Total Tender value net of exempt imported content	R 0		
						(C23) Total Imported content	R 0		
						(C24) Total local content	R 0		
						(C25) Average local content % of tender			

Signature of tenderer from Annex B

Date:

Annex C

Local Content Declaration - Summary Schedule

(C1) Tender No. LDPWRI-B/070513
 (C2) Tender description: COMPLETION OF HEALTH SUPPORT AT THABAMOPOO HOSPITAL
 (C3) Designated product(s) LIMPOPO DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE
 (C4) Tender Authority:
 (C5) Tendering Entity name:
 (C6) Tender Exchange Rate:
 (C7) Specified local content %

Note: VAT to be excluded from all calculations

Pula EU GBP

Tender item no's	List of items	Calculation of local content					Local content % (per item)	Total tender value	Total exempted imported content	Total imported content	
		Tender price - each (excl VAT)	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value					
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)
11/98	Type 193 reinforcement							330			
21/107	Type 193 reinforcement							136			
23/107	150mm Brick reinforcement							128			
28/107	Roof covering							262			
29/107	Ridge capping							68			
30/107	100mm Steel round							238			
31/108	75 x 50 x 20 x 2,5mm Lipped channel							1,07			
32/108	100 x 50 x 20 x 2,5mm Lipped channel							1,47			
							(C20) Total tender value	R 0			
							(C21) Total Exempt imported content	R 0			
							(C22) Total Tender value net of exempt imported content	R 0			
							(C23) Total Imported content	R 0			
							(C24) Total local content	R 0			
							(C25) Average local content % of tender				

Signature of tenderer from Annex B _____
 Date: _____

Annex C

Local Content Declaration - Summary Schedule

Note: VAT to be excluded from all calculations

(C1) Tender No. **LDPWRI-B/070513**

(C2) Tender description: **COMPLETION OF HEALTH SUPPORT AT THABAMOPO HOSPITAL**

(C3) Designated product(s):

(C4) Tender Authority: **LIMPOPO DEPARTMENT OF PUBLIC WORKS, ROADS AND INFRASTRUCTURE**

(C5) Tendering Entity name:

(C6) Tender Exchange Rate: Pula EU GBP

(C7) Specified local content %

Tender item no's	List of items	Calculation of local content					Local content % (per item)	Tender Qty	Total tender value	Total exempted imported content	Total Imported content
		Tender price each (excl VAT)	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value					
		(C10)	(C11)	(C12)	(C13)	(C14)	(C16)	(C17)	(C18)	(C19)	
33/108	100 x 50 x 20 x 2,5mm Lipped channel						1,06				
34/108	75 x 50 x 6mm Long angle						68				
35/108	Double Pitch roof trusses						34				
9/114	Roof covering						589				
10/114	76,2mm Hollow section						153				
11/114	219 x 4,5mm Column						146				
12/114	75 x 50 x 20 x 2mm Lipped channel						1,69				
13/114	125 x 50 x 20 x 300 Lipped channel						0,82				
	200 x 75 x 20 x 2,5mm Lipped channel						2,93				

(C20) Total tender value **R 0**

(C21) Total Exempt imported content **R 0**

(C22) Total Tender value net of exempt imported content **R 0**

(C23) Total Imported content **R 0**

(C24) Total local content **R 0**

(C25) Average local content % of tender

Signature of tenderer from Annex B

Date: _____



Annex D

Imported Content Declaration - Supporting Schedule to Annex C

(D1) Tender No. _____
 (D2) Tender description: _____
 (D3) Designated Products: _____
 (D4) Tender Authority: _____
 (D5) Tendering Entity name: _____
 (D6) Tender Exchange Rate: Pula _____ EU _____ GBP _____

Note: VAT to be excluded from all calculations

A. Exempted imported content

Tender Item no's	Description of imported content	Local supplier	Overseas Supplier	Calculation of imported content						Summary	
				Foreign currency value as per Commercial Invoice	Tender Exchange Rate	Local value of Imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Exempted Imported value
(D7)	(D8)	(D9)	(D10)	(D11)	(D12)	(D13)	(D14)	(D15)	(D16)	(D17)	(D18)
(D19) Total exempt imported value										R 0	

This total must correspond with Annex C - C 21

B. Imported directly by the Tenderer

Tender Item no's	Description of imported content	Unit of measure	Overseas Supplier	Calculation of imported content						Summary	
				Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of Imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Tender Qty	Total Imported value
(D20)	(D21)	(D22)	(D23)	(D24)	(D25)	(D26)	(D27)	(D28)	(D29)	(D30)	(D31)
(D32) Total Imported value by tenderer										R 0	

C. Imported by a 3rd party and supplied to the Tenderer

Description of imported content	Unit of measure	Local supplier	Overseas Supplier	Calculation of imported content						Summary	
				Foreign currency value as per Commercial Invoice	Tender Rate of Exchange	Local value of Imports	Freight costs to port of entry	All locally incurred landing costs & duties	Total landed cost excl VAT	Quantity Imported	Total Imported value
(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D43)	(D44)
(D45) Total Imported value by 3rd party										R 0	

D. Other foreign currency payments

Type of payment	Local supplier making the payment	Overseas beneficiary	Calculation of foreign currency payments		Summary of payments
			Foreign currency value paid	Tender Rate of Exchange	
(D46)	(D47)	(D48)	(D49)	(D50)	(D51)
(D52) Total of foreign currency payments declared by tenderer and/or 3rd party					

Signature of tenderer from Annex B _____

Date: _____

(D53) Total of Imported content & foreign currency payments - (D32), (D45) & (D52) above R 0

This total must correspond with Annex C - C 23

Annex E

Local Content Declaration - Supporting Schedule to Annex C

(E1)	Tender No.	
(E2)	Tender description:	
(E3)	Designated products:	
(E4)	Tender Authority:	
(E5)	Tendering Entity name:	

Note: VAT to be excluded from all calculations

Local Products (Goods, Services and Works)	Description of items purchased	Local suppliers	Value
	(E6)	(E7)	(E8)
(E9) Total local products (Goods, Services and Works)			R 0

(E10) **Manpower costs** (Tenderer's manpower cost) R 0

(E11) **Factory overheads** (Rental, depreciation & amortisation, utility costs, consumables etc.) R 0

(E12) **Administration overheads and mark-up** (Marketing, insurance, financing, interest etc.) R 0

(E13) Total local content R 0

This total must correspond with Annex C - C24

Signature of tenderer from Annex B

Date: _____

Section 7: Record in the service of the state

Indicate by marking the relevant boxes with a cross, if any principal is currently or has been within the last 12 months in the service of any of the following:

- a member of any municipal council
- a member of any provincial legislature
- a member of the National Assembly or the National Council of Province
- a member of the board of directors of any municipal entity
- an official of any municipality or municipal entity
- an employee of any department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act of 1999 (Act No. 1 of 1999)
- a member of an accounting authority of any national or provincial public entity
- an employee of Parliament or a provincial legislature

If any of the above boxes are marked, disclose the following:

Name of principal	Name of institution, public office, board or organ of state and position held	Status of service <i>(tick appropriate column)</i>	
		Current	Within last 12 months

*insert separate page if necessary

Section 8: Record of family member in the service of the state

family member: a person's spouse, whether in a marriage or in a customary union according to indigenous law, domestic partner in a civil union, or child, parent, brother, sister, whether such a relationship results from birth, marriage or adoption

Indicate by marking the relevant boxes with a cross, if any family member of a principal as defined in section 5 is currently or has been within the last 12 months been in the service of any of the following:

- a member of any municipal council
- a member of any provincial legislature
- a member of the National Assembly or the National Council of Province
- a member of the board of directors of any municipal entity
- an official of any municipality or municipal entity
- an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999)
- a member of an accounting authority of any national or provincial public entity
- an employee of Parliament or a provincial legislature

Name of family member	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

*insert separate page if necessary

Section 9: Record of termination of previous contracts with an organ of state

Was any contract between the tendering entity including any of its joint venture partners terminated during the past 5 years for reasons other than the employer no longer requiring such works or the employer failing to make payment in terms of the contract.

- Yes No (Tick appropriate box)

If yes, provide particulars (insert separate page if necessary)

Section 10: Declaration

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the tendering entity confirms that the contents of this Declaration are within my personal knowledge, and save where stated otherwise in an attachment hereto, are to the best of my belief both true and correct, and:

- i) neither the name of the tendering entity or any of its principals appears on:
 - a) the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004 (Act No. 12 of 2004)
 - b) National Treasury's Database of Restricted Suppliers (see www.treasury.gov.za)
- ii) neither the tendering entity or any of its principals has within the last five years been convicted of fraud or corruption by a court of law (including a court outside of the Republic of South Africa);
- iii) any principal who is presently employed by the state has the necessary permission to undertake remunerative work outside such employment (attach permission to this declaration);
- iv) the tendering entity is not associated, linked or involved with any other tendering entities submitting tender offers
- v) has not engaged in any prohibited restrictive horizontal practices including consultation, communication, agreement, or arrangement with any competing or potential tendering entity regarding prices, geographical areas in which goods and services will be rendered, approaches to determining prices or pricing parameters, intentions to submit a tender or not, the content of the submission (specification, timing, conditions of contract etc) or intention to not win a tender;
- vi) has no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest;
- vii) neither the tenderer or any of its principals owes municipal rates and taxes or municipal service charges to any municipality or a municipal entity and are not in arrears for more than 3 months;
- viii) SARS may, on an on-going basis during the term of the contract, disclose the tenderer's tax compliance status to the Employer and when called upon to do so, obtain the written consent of any subcontractors who are subcontracted to execute a portion of the contract that is entered into in excess of the threshold prescribed by the National Treasury, for SARS to do likewise.

Name.....

Position.....

Enterprise Name.....

NOTE 2: Section 30(1) of the Public Service Act, 1994, prohibits an employee (person who is employed in posts on the establishment of departments) from performing or engaging remunerative work outside his or her employment in the relevant department, except with the written permission of the executive authority of the department. When in operation, Section 8(2) of the Public Administration Management Act, 2014, will prohibit an employee of the public administration (i.e. organs of state and all national departments, national government components listed in Part A of Schedule 3 to the Public Service Act, provincial departments

including the office of the premier listed in Schedule 1 of the Public Service Act and provincial departments listed in schedule 2 of the Public Service Act, and provincial government components listed in Part B of schedule 3 of the Public Service Act) or persons contracted to executive authorities in accordance with the provisions of section 12A of the Public Service Act of 1994 or persons performing similar functions in organs of state from conducting business with the State or to be a director of a public or private company conducting business with the State. The offence for doing so is a fine or imprisonment for a period not exceeding 5 years or both. It is also a serious misconduct which may result in the termination of employment by the employer.

NOTE 3: Regulation 44 of Supply Chain Management regulations issued in terms of the Municipal Finance Management Act of 2003 requires that organs of state and municipal entities not award a contract to a person who is the service of the state, a director, manager or principal shareholder in the service of the state or who has been in the service of the state in the previous twelve months.

NOTE: 4: Regulation 45 of Supply Chain Management regulations requires a municipality or municipal entity to disclose in the notes to the annual statements particulars of any award made to a close family member in the service of the state.

NOTE: 5 Corrupt activities which give rise to an offence in terms of the Prevention and Combating of Corrupt Activities Act of 2004) include improperly influencing in any way the procurement of any contract, the fixing of the price, consideration or other moneys stipulated or otherwise provided for in any contract and the manipulating by any means of the award of a tender.

NOTE: 6 Section 4 of the Competition Act of 1998 prohibits restrictive horizontal practice including agreements between parties in a horizontal relationship which have the effect of substantially preventing or lessening competition, directly or indirectly fixing prices or dividing markets or constitute collusive tendering. Section 5 also prohibits restrictive vertical practices. Any restrictive practices that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties.

DECLARATION OF BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

- 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:		

SBD 8

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

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.

CERTIFICATE OF INDEPENDENT BID DETERMINATION

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.

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.

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

Js914w 2

DECLARATION OF SUBCONTRACTING ARRANGEMENTS

The Limpopo Department of Public Works, Roads and Infrastructure, Roads & Infrastructure is tasked with achieving government socio- economic transformation and development initiatives through its procurement spend. The department therefore endeavours to promote such initiatives through its procurement, by means of one or a combination of the following, in terms of the Preferential Procurement Policy Framework Act (PPPFA), 2000: Preferential Procurement Regulations (PPR), 2017:

1. Application of Subcontracting as a Condition of Tender, in line with the PPPFA: PPR 2017;
 - 1.1 The basis and conditions for sub-contracting as a condition of tender, is further detailed under item 1.1 below.

The Tenderer if successful in this bid offer, will be required to provide the Signed Subcontracting Agreement(s) and Supporting Documents, in line with the information detailed in this Returnable within 60 calendar days of the site handover. Failure to adhere to this will result in the immediate cancellation of the acceptance of offer (appointment letter).

Additional information to subcontracting requirement in terms of Regulations 4 or 9 PPR 2017:

- i. It is the responsibility of the tenderer to select competent subcontractors that meet all the requirements of the tender. The fact that the Department/Employer may make a list of potential subcontractors available as registered on the National Treasury CSD or on a CIDB database does not result in any liability of the Department/Employer or a warranty that the listed suppliers are competent.
- ii. Subcontractors may not be allocated work which contradicts any regulations, regulatory body and/or compliance requirements relevant to the work being sub-contracted for i.e. requirements by CIDB Regulations, accreditations and registrations to professional / regulatory institutions in the case of professional services etc.
- iii. The tenderer will be responsible for all due diligence on the selected subcontractors and will be held liable for any non-performance.
- iv. With reference to **the Preferential Procurement Regulations 2017, Regulation 6(5), 7(5) and 12(3)**; "A person awarded a contract may not subcontract more than 25% of the value of the contract to any other enterprise, that does not have an equal or higher B-BBEE status level of contributor than the person concerned."
 - "Unless the contract is subcontracted to an EME that has the capability and ability to execute the subcontract".
 - Or the tenderer may not be awarded points for B-BBEE status level of contribution.
- v. Tenderers are to complete and submit a Schedule of Proposed Subcontracting Arrangement(s)), also stipulating the percentage and equivalent Rand value to be subcontracted.
- vi. Tenderers are to provide, on award within 60 calendar days of the site handover, formal proof of Signed Subcontracting Agreement(s) together with the following documentation for each of the relevant, as a minimum:

Supporting Documents to Subcontracting Agreement/s
Certified Copy of valid B-BBEE Certificate/ Affidavit.
Copy of valid/ active CIDB registration in the case of construction work.
Copy of valid/ active registration to applicable regulatory institutions (where stipulated) in the case of professional services work.
A valid and active Tax Compliance Status Pin issued by SARS.
Submission of National Treasury Central Supplier Database (CSD) Summary Report.

Note: It is incumbent and expected that the Tenderer will apply the same due care and diligence in selecting and managing its sub-contractors / joint venture partner as would have been the case in their own appointment.

1. SUBCONTRACTING AS A CONDITION OF TENDER

In line with the Preferential Procurement Policy Regulations 2017, Regulation 9, Subcontracting may only be to one or a combination of the following (as per National Treasury CSD and CIDB databases):	
NO.	CATEGORIES FOR SUBCONTRACTING
1	A tenderer subcontracting a minimum of 30% of the value of the contract to one or a combination of the designated categories below:
1.1	An EME or QSE which is at least 51% owned by black people; or
1.2	an EME or QSE which is at least 51% owned by black people who are youth; or
1.3	an EME or QSE which is at least owned by black people who are women; or
1.4	an EME or QSE which is at least 51% owned by black people with disabilities; or
1.5	an EME or QSE which is 51% owned by black people living in rural or underdeveloped areas or townships; or
1.6	a cooperative which is at least 51% owned by black people; or
1.7	an EME or QSE which is at least 51% owned by black people who are military veterans; or
1.8	an EME or QSE.

Tenderers are formally required to allow for subcontracting of the allocated work as set out in the Scope of 30% of the Tender Value offered.

1.1 BASIS AND CONDITIONS FOR SUBCONTRACTING AS A CONDITION OF TENDER The basis and conditions for sub-contracting as a condition of tender is detailed as follow:

1.1.1 The advancement of certain designated groups in terms of Regulation 4 PPR 2017;

1.1.2 The advancement of suppliers or enterprises in the geographical area or Province where the project site is located;

1.1.3 All requirements stipulated under clauses 1 and 1.1 of this Returnable, must be read in conjunction with the information documented within this Declaration on **Item 3 – Schedule of Proposed Subcontracting Work.**

2. SUBCONTRACTING AFTER AWARD OF TENDER

In line with the Preferential Procurement Policy Regulations 2017, Regulation 12, Subcontracting after Award, the following are contractual obligations for notification:

- 2.1 A person awarded a contract may only enter into a subcontracting arrangement with the approval of the organ of state.
- 2.2 A person awarded a contract in relation to a designated sector, may not subcontract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 2.3 A person awarded a contract may not subcontract more than 25% of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level of contributor than the person concerned, unless the contract is subcontracted to an EME that has the capability and ability to execute the subcontract.

3. SCHEDULE OF PROPOSED SUBCONTRACTING WORK

The tenderer is required to complete the table below indicating the nature and extent of work to be subcontracted and value and percentage of work to the tender amount. The total percentage of the value of work to be subcontracted must be to a minimum of 30% or more of the tender amount. Failure to comply with the 30% minimum value of the work to be subcontracted will lead to the disqualification of the tender.

	NATURE AND EXTENT OF WORK	SUB-CONTRACTORS CONTRACT VALUE	SUB-CONTRACTORS PERCENTAGE (%) OF CONTRACT VALUE
1.			
2.			
3.			
4.			
5.			
TOTAL SUBCONTRACT VALUE & PERCENTAGE IN RELATION TO CONTRACT VALUE			

I, THE UNDERSIGNED (*FULL NAME OF AUTHORISED PERSON*)

ON BEHALF OF (*FULL NAME OF TENDERING ENTITY*)

FORMALLY CONFIRM THAT THIS TENDER SUBMISSION IS FULLY COMPLIANT AND ADHERES IN FULL, TO ALL THE REQUIREMENTS STIPULATED IN THIS BID IN ITS ENTIRITY.

I ACCEPT THAT, FAILURE TO COMPLETE AND SUBMIT THIS DECLARATION ON SUBCONTRACTING ARRANGEMENTS AND SCHEDULE OF PROPOSED SUBCONTRACTING WORK WILL RESULT IN THE DISQUALIFICATION OF MY TENDER SUBMISSION.

I ACCEPT THAT, FAILURE TO SUBMIT THE SIGNED SUBCONTRACTING AGREEMENTS AND ITS SUPPORTING DOCUMENTS ON AWARD, IN ACCORDANCE WITH THE REQUIREMENTS OF THE BID, WILL LEAD TO THE CANCELLATION OF THE CONTRACT.

SIGNATURE: _____ DATE: _____

THE CONTRACT

C1.1 FORM OF OFFER AND ACCEPTANCE

Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract in respect of the following works:

COMPLETION OF HEALTH SUPPORT COMPLEX AT THABAMOPO PSYCHIATRIC HOSPITAL IN LEBOWAKGOMO (CAPRICORN DISTRICT) FOR DEPARTMENT OF PUBLIC WORKS,ROADS AND INFRASTRUCTURE

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the tender 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 the Form of Offer and Acceptance, the tenderer offers to perform all of the obligations and liabilities of the contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

THE OFFERED TOTAL OF THE PRICE INCLUSIVE OF VALUE ADDED TAX IS (CONTRACT PRICE)

Rand (in words); R

(in figures) R.....

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 contractor in the conditions of contract identified in the contract data.

For the Tenderer:

Signature(s).....

Name(s).....

Capacity

Name and address of _____ for (brief description of Contract) _____ organization

failure to sign the form of offer will render the tender "non-responsive"

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 contractor 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 work
- PART C4 Site information

and drawings and documents or parts thereof, which may be incorporated by reference into Parts C1 to C4 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 said documents are valid unless contained in this schedule, which must be signed by the authorised representative(s) of both parties.

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 at, or just after, the date this agreement comes into effect. 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 on the date when the tenderer receives one copy of the fully signed original document, including the schedule of deviations (if any). Unless the tenderer (now contractor) within five days of the date of such receipt 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

Signature

Name

Capacity

Name and address of organization

Signature and Name of Witness

Signature

Name

Capacity

Schedule of Deviations

Notes:

1. The extent of deviations from the tender documents issued by the Employer prior to the tender closing date is limited to those permitted in terms of the Conditions of Tender,
2. A Tenderer's covering letter shall not be included in the final contract document. Should any matter in such, letter, which constitutes a deviation as aforesaid become the subject of agreements reached during the process of, offer and acceptance, the outcome of such agreement shall be recorded here,
3. Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the tender documents and which it is agreed by the Parties becomes an obligation of the contract shall also be recorded here,
4. Any change or addition to the tender documents arising from the above agreements and recorded

here, shall also be incorporated into the final draft of the Contract,

- 1 Subject
- Details
- 2 Subject
- Details

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

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

For the Tenderer:

.....Signature
Name
Capacity

For the Employer

.....

Name and address of organisation:

.....

Name and address of organisation

.....Witness Signature
Witness Name
Date

.....

Confirmation of Receipt

The Tenderer, (now Contractor), identified in the Offer part of this Agreement hereby confirms receipt from the Employer, identified in the Acceptance part of this Agreement, of one fully completed original copy of this Agreement, including the Schedule of Deviations (if any) today:

the (day)
 of (month)
 20.... (year)
 at (place)

For the Contractor:

.....
 Signature

.....
 Name

.....
 Capacity

Signature and name of witness:

.....
 Signature

.....

BILLS OF QUANTITIES

Item
No

Quantity

Rate

Amount

SECTION NO. 1

BILL NO 1

PRELIMINARIES

PRINCIPAL BUILDING AGREEMENT

The agreement shall be the Principal Building Agreement prepared and published by the Joint Building Contracts Committee, 5th edition code 2101 July 2007 (including State Provisions) (The JBCC Series 2000 Agreement), and is taken to be incorporated herein.

PRELIMINARIES

The preliminaries shall be the JBCC Preliminaries for use with the JBCC Principal Building Agreement, code 2103 May 2005 (including State Provisions) (The JBCC Series 2000 Agreement), and is taken to be incorporated herein. The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause. These clauses are referred to by number and heading only. Where standard clauses or alternatives are not applicable to the contract such modifications or corrections as are necessary are given under each relevant clause.

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 Thabamoopo Hospital**

FULL INTENT AND MEANING OF CLAUSES

Tenderers shall be deemed to have referred to the aforementioned documents for the full intent and meaning of each clause. These clauses are hereinafter referred to by the heading and clause number only. Where standard clauses or alternatives are not applicable to this contract such modifications, corrections or supplements as are necessary are given under each relevant clause heading or within the relevant Schedule. Where an item is not relevant to this specific contract such item is marked "N/A" signifying "Not applicable".

PRICING OF CLAUSES

Tenderers shall allow opposite each clause for any cost involved with complying with such clause. Any clauses left unpriced shall be deemed to be covered by rates and prices elsewhere incorporated throughout these Bills of Quantities.

PAYMENT CATEGORIES

Should 'Alternative A', as set out within clause 10.3 of the JBCC 2000 Preliminaries, be used for the adjustment of preliminaries then each item priced is to be allocated to one or more categories by the insertion of the letter "F", "V" or "T", as the case may be, against the price in the rate column. These letters shall indicate the relevant categories as follows :

- "F" - A fixed amount, ie which shall not be varied
- "V" - An Amount which shall be varied in proportion to the contract value
- "T" - An amount which shall be varied in proportion to time

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SECTION A : JBCC PRINCIPAL BUILDING AGREEMENT

DEFINITIONS

1 Definitions and interpretation
 Clause 1.0

Item

OBJECTIVE AND PREPARATION

2 Offer, acceptance and performance
 Clause 2.0

Item

3 Documents
 Clause 3.0

Item

4 Design responsibility
 Clause 4.0

Item

5 Employer's agents
 Clause 5.0

Item

6 Site representative
 See also clause 4.1 section B
 Clause 6.0

Item

7 Compliance with regulations
 See also clause 20.0 and 21.0 of Section C
 Clause 7.0

Item

8 Works risk
 Clause 8.0

Item

9 Indemnities
 Clause 9.0

Item

10 Works insurances
 Clause 10.0

Item

11 Liability insurances
 Clause 11.0

Item

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12	Effecting insurances	Clause 12.0	Item	
13	State Provisions	Clause 13.0	Item	
14	Security	Clause 14.0	Item	
<u>EXECUTION</u>				
15	Preparation for and execution of the works	Clause 15.0	Item	
16	Access to the works	Clause 16.0	Item	
17	Contract instructions	Clause 17.0	Item	
18	Setting out of the works	Clause 18.0	Item	
19	Assignment	Clause 19.0	Item	
20	Nominated sub-contractors See clause 21.0 and the scope of works under Notes to Tenderers	Clause 20.0	Item	
21	Selected sub-contractors	Clause 21.0	Item	
22	Employer's direct contractors	Clause 22.0	Item	
23	Contractor's domestic sub-contractors	Clause 23.0	Item	
Carried to Collection				R
Section No. 1 Preliminaries Bill No. 1 Preliminaries Completion Health Support Complex Thabamoopo Hospital				

COMPLETION

24	Practical completion	Clause 24.0 To be advised	Item
25	Works completion	Clause 25.0 To be advised	Item
26	Final completion	Clause 26.0 To be advised	Item
27	Latent defects liability period	Clause 27.0	Item
28	Sectional completion	Clause 28.0	N/A
29	Revision of date for practical completion	Clause 29.0	Item
30	Penalty for non completion	Clause 30.0	Item

PAYMENT

31	Interim payment to the contractor	Clause 31.0	Item
32	Adjustment to the contract value	Clause 32.0	Item
33	Recovery of expense and loss	Clause 33.0	Item
34	Final account and final payment	Clause 34.0	Item
35	Payment to other parties	Clause 35.0	Item

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CANCELLATION

36	Cancellation by employer - contractor's default Clause 36.0	Item	
37	Cancellation by employer - loss and damage Clause 37.0	Item	
38	Cancellation by contractor - employer's default Clause 38.0	Item	
39	Cancellation - cessation of the works Clause 39.0	Item	

DISPUTE

40	Dispute settlement Clause 40.0	Item	
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CONTRACT VARIABLES

THE SCHEDULE

Information necessary for completion of those clauses contained in the schedule, as necessary for tender purposes, is given hereunder.

41	Pre tender information Clause 41.0	Item	
----	---------------------------------------	------	--

Clause

41.1 **CONTRACTING AND OTHER PARTIES**

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**Completion Health Support Complex
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41.1.1 **Employer:** Department of Public Works

Postal address: Private Bag X9490
 Polokwane

Code: 0700

Telephone: (015) 284 7000

E-mail: setatim@dpw.limpopo.gov.za

Domicilium: 43 Church street
 Work Towers
 POLOKWANE
 0700

41.1.2 **Principal Agent:** MSK Architects
Agent's service: Principal Agent

Postal address: P.O Box 412
 Menlyn

Code: 0063

Telephone: (012) 348 5680

E-mail: mkazhila@icloud.com

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41.1.4 **Agent (2):** Y M Cassim & Associates
Incorporating

(5.1)

Agent's service: Quantity Surveyor

Postal address: P O Box 3690
Mokopane

Code: 0600

Telephone: (015) 297 1762

E-mail: vongani@cubicpro.co.za

41.1.4 **Agent (3):** Katarena Consulting Engineers

(5.1)

Agent's service: Mechanical Engineers

Telephone: (015) 291 2632

Fax: (086) 451 9521

E-mail: john@katarena.co.za

41.1.4 **Agent (4):** Ingali Consulting Engineers

(5.1)

Agent's service: Electrical Engineer

Postal address: P O Box 1266
Polokwane

Code: 0700

Telephone: (015) 297 0359

Fax: (015) 297 0938

E-mail: nicovdlinde@ingcali.co.za

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41.1.4 **Agent (5):** Infraburo
 (5.1)
Agent's service: Civil & structural Engineer
 Postal address: P O Box 5579
 Polokwane
 Code: 0700
 Telephone: (015) 291 2491
 Fax: (015) 295 7753
 E-mail: willies@infraburo.co.za

41.2 **CONTRACT DETAILS**

41.2.1 **Works description**
 (1.1)
 Construction of the Health Support Complex
 and External works

41.2.2 **Site description**
 (1.1) Thabamooopo Hospital is approximately
 58km South of Polokwane

41.2.3 Works or installations by direct contractors
 (22.1)
 Electrical Installation
 Mechanical Installation

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41.2.4 Specific options that are applicable to a **State** organ only

(13.1) Where so:

(1.1) (1) Legislation applicable to the interest rate

(11.2#) (2) Lateral support insurance to be effected by the **contractor**

(31.4.2#) (3) Payment will be made for **materials and goods**

(40.4#) (4) Dispute resolution by litigation

(26.1.2#) (5) Extended defects liability period applicable to the following elements

41.2.5 Possession of the **site** is intended to be given on

(1.1, 15.2.1) To be advised

41.2.6 Period for the commencement of the **works** after the **contractor** takes possession of the **site**

working days
To be advised

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41.2.7 Intended date of **practical completion** and the
 (15.3.2) **penalty per calendar day** for:
 (24.3.1, 30.1)

The **works** as a whole

Date

**Penalty amounts = 0.05% of Contract
 Amount**

(1.1, 28.1)

The **works** in **sections**

Date

Penalty amounts N/A

41.2.9 The **law** applicable to this **agreement** shall be
 that of (1.1)

**Republic of South
 Africa**

41.3 INSURANCES

42 41.3.1 Contract works insurance to be effected by
 (8.4, 10.1, 10.2)

Contractor

For the amount of R contract value

With a deductible of R 10,000

Item

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- 43 41.3.2 Supplementary insurance is required
(10.1#, 10.2)
- 44 41.3.3 Public liability insurance to be effected by
(11.1#, 12.1)
- Contractor**
- For the amount of R 1,000,000
- With a deductible of R 5,000

Item

Item

41.4 DOCUMENTS

41.4.1 Waiver of the **contractor's** lien or right of continuing possession is required
(3.3, 15.1.3, 31.16.2#)

41.4.2 Construction documents copies to be supplied to the (3.7) **contractor** free of charge

Number of....3

41.4.3 **Bills of quantities/Lump sum document** schedule of rates drawn up in accordance with (1.1) the Standard System of Measuring Building Work Sixth Edition (as amended issued by the Association of South African Quantity Surveyors)

41.4.4 On acceptance of the tender the **bills of quantities/lump sum document** (15.1.1) is to be submitted within **working days**

Number of

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41.4.5 **JBCC** Engineering General Conditions are to
 (3.4) be included in the **contract documents**

No

41.4.6 The **contract value** is to be adjusted using
 escalation
 adjustment indices
 (31.5.3, 32.13)

(1.1) Where **JBCC CPAP** is to be used
To be advised base
 month

Alternative Indices (*if
 applicable*) _____

41.4.7 Details of changes made to the provisions of
JBCC
 standard documentation
 (3.10)
 No changes made to the JBCC preliminaries
 (Refer to
 clause 13 for state provisions which differ from
 the
 normal JBCC contract)

SECTION B : JBCC PRELIMINARIES

1.0 DEFINITIONS AND INTERPRETATION

45 Definitions and interpretation
 Clause 1.0

Item

2.0 SUPPLEMENTARY DOCUMENTATION

46 Checking of documents
 Clause 2.1

Item

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47	Provisional bills of quantities	Clause 2.2	N/A	
48	Availability of construction documentation	Clause 2.3	Item	
49	Interest of agents	Clause 2.4	Item	
50	Priced documents	Clause 2.5	Item	
51	Tender submission	Clause 2.6	Item	
<u>3.0 THE SITE</u>				
52	Defined works area	Clause 3.1	Item	
53	Geotechnical investigation	Clause 3.2	Item	
54	Inspection of the site	Clause 3.3	Item	
55	Existing premises occupied	Clause 3.4	N/A	
56	Previous work - dimensional accuracy	Clause 3.5	Item	
57	Previous work - defects	Clause 3.6	Item	
58	Services known	Clause 3.7	Item	
59	Services unknown	Clause 3.8	Item	

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60	Protection of trees	Clause 3.9	Item	
61	Articles of value	Clause 3.10	Item	
62	Inspection of adjoining properties	Clause 3.11	Item	
<u>4.0 MANAGEMENT OF CONTRACT</u>				
63	Management of the works	Clause 4.1	Item	
64	Programme for the works	Clause 4.2	Item	
65	Progress meetings	Clause 4.3	Item	
66	Technical meetings	Clause 4.4	Item	
<u>5.0 SAMPLES AND SHOP DRAWINGS</u>				
67	Samples of materials	Clause 5.1	Item	
68	Workmanship samples	Clause 5.2	Item	
69	Shop drawings	Clause 5.3	Item	
<u>6.0 TEMPORARY WORKS AND PLANT</u>				
70	Deposits and fees	Clause 6.1	Item	
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71	Enclosure of the works	Clause 6.2	Item		
72	Advertising	Clause 6.3	Item		
73	Plant, equipment, sheds and offices (Refer to notes to tenders)	Clause 6.4	Item		
74	Main notice board Two main noticeboards shall be provided (refer to on-site consultants for size)	Clause 6.5	Item		
75	Subcontractor notice board Two subcontractor's noticeboards shall be provided (refer to on-site consultants for size)	Clause 6.6	Item		
<u>7.0 TEMPORARY SERVICES</u>					
76	Location	Clause 7.1	Item		
77	Water	Clause 7.2	Item		
78	Electricity	Clause 7.3	Item		
79	Telecommunication equipment	Clause 7.4	Item		
80	Ablution facilities	Clause 7.5	Item		
<u>8.0 PRIME COST AMOUNTS</u>					
81	Responsibility for prime cost amounts	Clause 8.1	Item		
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9.0 ATTENDANCE ON NOMINATED/SELECTED SUBCONTRACTORS

82	General attendance	Clause 9.1	Item	
83	Special attendance	Clause 9.2	Item	
84	Commissioning - fuel, water and power	Clause 9.3	Item	

10.0 FINANCIAL ASPECTS

85	Statutory taxes, duties and levies	Clause 10.1	Item	
86	Payment of preliminaries	Clause 10.2	Item	
87	Adjustment of preliminaries	Clause 10.3	Item	
88	Payment certificate cash flow	Clause 10.4	Item	
89	Contractor information supply	Clause 10.5	Item	

11.0 GENERAL

90	Protection of the works	Clause 11.1	Item	
91	Protection/isolation of existing/sectionally occupied works	Clause 11.2	Item	

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92	Site security			
	The contractor shall take all appropriate measures for general site security	Clause 11.3	Item	
93	Notice before covering work	Clause 11.4	Item	
94	Disturbance	Clause 11.5	Item	
95	Works cleaning and clearing	Clause 11.6	Item	
96	Vermin	Clause 11.7	Item	
97	Overhand work	Clause 11.8	Item	

12.0 SCHEDULE OF VARIABLES

Information necessary for completion of those clauses contained in the schedules, as necessary for tender purposes, is given hereunder after clauses 12.1.1 to 12.1.21 and 12.2.2 to 12.2.3

98	Pre Tender Information	Clause 12.1	Item	
----	------------------------	-------------	------	--

Clause
(and reference)

12.1.1	Provisional bills of quantities		
(2.2)	The quantities are provisional	Yes	

Carried to Collection

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12.1.2 (2.3)	Availability of construction documentation Construction documentation is not complete	No		
12.1.3 (2.4)	Interests of agents Details			
12.1.4 (3.1)	Defined works area Tenderers shall establish by personal viewing of the site conditions any restrictions imposed by confined work areas, limited means of access and the like			
12.1.5 (3.2)	Geotechnical investigation results			
12.1.6 (3.4)	Existing premises occupied			
12.1.7 (3.7)	Services known			
12.1.8 (3.9)	Protection of trees			
12.1.9 (3.11)	Inspection of adjoining properties	Not Applicable		
12.1.10 (6.2)	Enclosure of the works			
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<p>12.1.11 Offices (6.4.3)</p> <p>12.1.12 Main notice board (6.5)</p> <p>12.1.13 Subcontractor notice board (6.6)</p> <p style="text-align: right;">Yes</p> <p>12.1.14 Water (7.2) Alternative selected:</p> <p style="text-align: right;">A</p> <p>12.1.15 Electricity (7.3) Alternative selected:</p> <p style="text-align: right;">A</p> <p>12.1.16 Telecommunication equipment (7.4) Alternative selected:</p> <p style="text-align: right;">A</p> <p>12.1.17 Ablution facilities (7.5) Alternative selected:</p> <p style="text-align: right;">A</p> <p>12.1.18 Special attendance (9.2) Specific requirements shall be as detailed within the items relevant to each particular subcontract as incorporated hereinafter in these bills of quantities</p> <p>12.1.19 Protection of the works (11.1)</p> <p>12.1.20 Protection of existing/sectionally occupied works (11.2) Protection is required</p> <p style="text-align: right;">No</p> <p style="text-align: center; margin-top: 20px;">Carried to Collection</p> <p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Completion Health Support Complex Thabamooop Hospital</p>				
				R

99	<p>12.1.21 Disturbance (11.5)</p> <p>Post Tender Information</p> <p style="text-align: right;">Clause 12.2</p> <p><u>Clause</u> (and reference)</p> <p>12.2.1 Payment of preliminaries (10.2) Alternative selected:</p> <p style="padding-left: 40px;">A</p> <p>12.2.2 Adjustment of preliminaries (10.3) Alternative selected:</p> <p style="padding-left: 40px;">A</p> <p>12.2.3 Additional agreed preliminaries items</p> <p>Details:</p> <p style="padding-left: 40px;">-----</p> <p><u>SECTION C : SPECIFIC PRELIMINARIES</u></p> <p>Part C contains specific preliminary items which apply to this contract except where marked NA (not applicable)</p> <p>The following items will apply to this contract except where NA (not applicable) appears against an item</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 1 Preliminaries Bill No. 1 Preliminaries Completion Health Support Complex Thabamoopo Hospital</p>	Item		
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C1 SUPPLEMENTARY DOCUMENTATION

100 As built drawings

The position of construction breaks and the extent of individual concrete pours are to be recorded by the contractor on the structural engineer's drawings and are to be submitted to the principal agent and the structural engineer for their records.

Item

101 Site instructions

Site instructions issued on site are to be recorded in triplicate in an instruction book which is to be maintained on site by the contractor.

Item

C2 FINANCIAL ASPECTS

C2.1 Dayworks

Where in the opinion of the quantity surveyor any extra work cannot properly be measured or valued, the contractor will be allowed daywork prices therefor calculated upon the costs defined hereunder together with the stated percentages. The total thus arrived at shall be the total amount recoverable by the contractor for performing such work.

The cost to the contractor or subcontractor of materials, being the net cost (at current market prices) actually paid for such materials after the deduction of cash discounts or if materials are supplied from the contractor's or subcontractor's stock then the cost of such materials shall be based upon the current market price plus the cost of delivery to site; to which net cost 10 per cent thereof shall be added.

Hourly based rates for labour shall be the current market rates for labour based upon standard working hours and shall be applied in respect of the time spent by workers directly engaged on the particular dayworks including any operators operating mechanical plant and transport and erecting and dismantling other plant.

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Time lost due to inclement weather shall be excluded from the time charged.

The rates for mechanical plant shall be commercial hire rates current at the time of executing the daywork and shall include fuel and insurance costs.

The above rates shall cover head office charges; site staff including site supervision; third party and contractor's public liability insurance; contractor's workmen's compensation and unemployment insurance fund contributions; use, repair and sharpening of non-mechanical hand tools; use of erected scaffolding, staging, trestles and the like; use of tarpaulins, protective clothing, artificial lighting, safety and welfare facilities, storage and the like as may be available on the site; and profit.

Supporting vouchers reflecting the time spent and materials used each week shall be delivered for verification to the quantity surveyor not later than twenty one days after the end of the week concerned. Should the contractor fail to submit the vouchers within this time, the quantity surveyor shall determine a fair price for the work.

C2.1 Overtime

102 The additional costs of overtime work shall be for the employer's account only when prior written agreement thereto is given by the principal agent.

Item

Item

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C3 MATERIALS AND WORKMANSHIP

C3.1 Testing of windows to ensure watertightness

103 As the windows are fixed they shall be glazed and prepared so that each window can be tested for watertightness with water sprayed on by means of a 20 mm hosepipe using adequate pressure. If the pressure proves to be inadequate, in the opinion of the principal agent, then the pressure in the hosepipe shall be boosted by means of compressed air or other approved means. Each window section shall be tested under the supervision of the clerk of works and approved before final acceptance of the fenestration.

Item

C3.2 Guarantees

The contractor shall obtain written guarantees where called for, addressed to the employer, from the firms supplying the materials or doing the work and deliver such guarantees to the principal agent.

The guarantees shall state that workmanship, materials and installation are guaranteed for a specified period reckoned from the date of practical completion of the works and that any defects in the workmanship, materials and installation that may arise during that period shall be made good at the expense of the firm doing the work upon written notice from the principal agent or the employer to do so.

Item

C4 GENERAL

C4.1 Copyright

104 The ownership of the copyright in and to: all drawings, specifications, models and documents of any nature delivered to the contractor or produced by or on behalf of the contractor in connection with the works; and, the artistic character and/or artistic design of the works, shall remain vested in and/or is hereby assigned to the employer by the contractor.

Item

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C5 MAINTAINING OF LAWS, BY-LAWS AND REGULATIONS

105 The contractor shall, after taking possession of the site, acquaint himself regarding the content and maintaining of the Occupational Health and Safety Act, including all other related laws, by-laws and regulations. Contractor to maintain the said laws on a continuous basis and will be monitored by site inspections from time to time. Should the contractor fail to make such arrangements or any provision in cost for health and safety regulations to the site, any additional costs will be for the contractor's account. (See Clause 7.0 under Section A: JBCC Principal Building Agreement)

Item

C6 HIV/AIDS AWARENESS

106 It is required of the Contractor to thoroughly study the HIV/AIDS Specification (PW 1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the Bills of Quantities. Provision for pricing of HIV/AIDS awareness is made under items B10.1 to B10.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained.

The Contractor must take note that compliance with the HIV/AIDS Specification is compulsory. In the event partial or total non-compliance, the Representative/Agent, notwithstanding the provisions of Clause A 23 of "Section A" or any other clauses to the contrary, reserves the right to delay issuing any progress payment certificate until the Contractor provides satisfactory proof of compliance. The Contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment

Item

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C7 AWARENESS CHAMPION

107 Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification

Item

Clause C8 - Occupational Health and Safety Act

The **contractor** shall comply with all the requirements set out in the Construction Regulations, 2003 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993), as well as all new occupational health and safety acts requirement regarding the compliance of Covid 19

It is required of the **contractor** to thoroughly study the **latest** Health and Safety Specification that must be read together with and is deemed to be incorporated under this Section of the **bills of quantities / lump sum document**.

The **contractor** must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory. In the event of partial or total non-compliance, the **principal agent**, notwithstanding the provisions of clause A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress **payment certificate** until the **contractor** provides satisfactory proof of compliance. The **contractor** shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment.

Provision for pricing of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained.

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**PART A-OHS ACT COMPLIANCE-IMPLEMENTATION
 OF THE HEALTH AND SAFETY - Construction health
 & safety documentation**

108 **Clause C8.1.1** - Prepare and compile H&S plan as per site specification Health and safety Specifications (Section C3, Scope of Work), OHS Act & Regulations

Fixed

Item

Value Related

Item

Time Related

Item

109 **Clause C8.1.2** - Allow for the preparation and compilation of the site specific health and safety file, and a health and safety working file

Fixed

Item

Value Related

Item

Time Related

Item

110 **Clause C8.1.3** - Appointment of a Registered Construction health and safety officer for the duration of the Contract as per Section 8(5) of the Construction Regulations 2014

Fixed

Item

Value Related

Item

Time Related

Item

**PART B-OHS ACT COMPLIANCE-IMPLEMENTATION
 OF THE HEALTH AND SAFETY - Personal Protective
 Clothing & Equipment**

Carried to Collection

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111	Clause C8.2.1 - Foot protection (steel toe cap, gum boots, etc)			
	Fixed		Item	
	Value Related		Item	
	Time Related		Item	
112	Clause C8.2.2 - Clothing (Overalls Depicting Contractors Company name/identification)			
	Fixed		Item	
	Value Related		Item	
	Time Related		Item	
113	Clause C8.2.3 - Glove (leather, PVC, Acid Resistant, etc) Item			
	Fixed		Item	
	Value Related		Item	
	Time Related		Item	
114	Clause C8.2.4 - Head Protection: Hardhats with air vents Colour Coded - Supervisory (Red) Labour (Green)			
	Fixed		Item	
	Value Related		Item	
	Time Related		Item	
115	Clause C8.2.5 - Ear protection (earmuffs with 30% protective value) Item			
	Fixed		Item	
	Value Related		Item	
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		Time Related	Item	
116	Clause C8.2.6 - Eye Protection (Face Shield, Goggles, Spectacles, etc)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
117	Clause C8.2.7 - Visibility (luminous high visibility safety vests/ jackets/ bibs/ etc)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
118	Clause C8.2.8 - Harness(double stranded safety harness with pylon hooks)			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
119	Clause C8.2.9 - Portable ladders A-frame, extendable, length, material, etc.			
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
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120 **Clause C8.2.9** - Portable ladders A-frame, extendable, length, material, etc.

Fixed

Item

Value Related

Item

Time Related

Item

121 **Clause C8.2.10 - Barricading/ Demarcation (Supply, Install & Removal)** Demarcation perimeter (fence, shade netting, corrugated iron, shutter board, hard Barricade etc)

Fixed

Item

Value Related

Item

Time Related

Item

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**PART C-OHS ACT COMPLIANCE-IMPLEMENTATION
 OF THE HEALTH AND SAFETY - Occupational
 medical surveillance**

122 **Clause C8.3.1 - Entry Medical Examinations by a
 SASOHN registered Occupational Health Nurse or a
 SASOM registered Occupational Medical Practitioner**

Fixed

Item

Value Related

Item

Time Related

Item

123 **Clause C8.3.2 - Exit Medical Examination**

Fixed

Item

Value Related

Item

Time Related

Item

124 **Clause C8.3.3 -Provision of a first aid kit**

Fixed

Item

Value Related

Item

Time Related

Item

125 **Clause C8.3.4 - Provision of a fire-fighting measures**

Fixed

Item

Value Related

Item

Time Related

Item

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PART D-OHS ACT COMPLIANCE-IMPLEMENTATION OF THE HEALTH AND SAFETY Education, training, signage

126 **Clause C8.4.1 - Health and safety induction site access cards**

Fixed

Item

Value Related

Item

Time Related

Item

127 **Clause C8.4.2 - Basic First Aid training level one**

Fixed

Item

Value Related

Item

Time Related

Item

128 **Clause C8.4.3 - Health and Safety representative**

Fixed

Item

Value Related

Item

Time Related

Item

129 **Clause C8.4.4 - Construction (firefighting, General information, prohibitory, mandatory, warning, hazchem, photo luminescent, etc)**

Fixed

Item

Value Related

Item

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	Time Related		Item	
130	Clause C8.4.5 - Health and Safety information display board in site office (emergency evacuation flow diagram, emergency contact numbers, electrical, general, etc)			
	Fixed		Item	
	Value Related		Item	
	Time Related		Item	
131	Clause C8.4.6 -Health and safety charts (OHS Act, Basic Conditions of Employment Act)			
	Fixed		Item	
	Value Related		Item	
	Time Related		Item	
	PART E - OHS AC COMPLIANCE - IMPLEMENTATION OF THE HEALTH AND SAFETY Covid-19 Compliance management			
132	Clause C8.5.1 - Covid - 19 related signage and posters			
	Fixed		Item	
	Value Related		Item	
	Time Related		Item	
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133	Clause C8.5.2- 2 x 3ply cloth masks			
	Fixed		Item	
	Value Related		Item	
	Time Related		Item	
134	Clause C8.5.2- hand sanitizers with 70% alcohol content			
	Fixed		Item	
	Value Related		Item	
	Time Related		Item	
135	Clause C8.5.3 Decontamination agent / surface sanitizers			
	Fixed		Item	
	Value Related		Item	
	Time Related		Item	
136	Clause C8.5.4 Surgical Gloves (for security and cleaning team)			
	Fixed		Item	
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		Value Related	Item	
		Time Related	Item	
137	Clause C8.5.5	Non-contact thermometers		
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
138	Clause C8.5.6	Physical barriers to ensure social distancing (Compliance to Section 22 of the Covid-19 OHS Directive)		
		Fixed	Item	
		Value Related	Item	
		Time Related	Item	
	<u>C9 POSTERS, BOOKLETS, VIDEOS, ETC</u>			
139	Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the construction period, all in accordance with the HIV/AIDS Specification		Item	
	<u>C10 ACCESS TO CONDOMS</u>			
140	Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the construction period, all in accordance with the HIV/AIDS Specification		Item	
	Carried to Collection			R
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C11 MONITORING

141 Monitoring HIV/AIDS awareness of workers, providing the Representative/Agent with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the construction period and close out, all in accordance with the HIV/AIDS Specification

Item

C12 HIGH RISK INSURANCE

C12.1 High Risk Insurance

142 The execution of this Contract involves work in a geological area classified as a "High Risk Area" that is subject to highly unstable subsurface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation

Item

C12.2 Damage to the works

143 The Contractor shall, from the date of the letter of acceptance until date of the issue of the First Delivery Certificate, bear the full risk of and hereby indemnifies and holds harmless the IDT against any damage to and/or destruction of the Works consequent upon a catastrophic ground movement as mentioned in subclause C25.1 above. The Contractor shall take such precautions and security measures and other steps for the protection and security of the Works as he may deem necessary.

When so instructed by the Principal Agent, the Contractor shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the Works and to rebuild, restore, replace and/or repair the Works, at the Contractor's own costs.

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C12.3 Injury to Persons or Loss of or damage to Properties

144 The Contractor shall be liable for and hereby indemnifies and holds harmless the IDT against any and all liability, loss, claim or proceeding arising at any time during the Contract Period whether arising in common law or by Statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned in subclause C25.1 above

The Contractor shall be liable for and hereby indemnifies the Employer against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable or personal property or property contiguous to the Site, whether belonging to or under the control of the Employer or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned in subclause C25.1 above, which occurred during the Contract Period.

Item

C12.4 Adequate Insurance

145 It is the responsibility of the Contractor to ensure that he has adequate insurance to cover his risk and liability as mentioned in subclause C25.1, C25.2 and C25.3. Such losses or damages may be recovered from the Contractor or by deducting the same from any amounts still due under this Contractor or under any other contract presently or hereafter existing between the Department and the Contractor and for this purpose all these contracts shall be considered one indivisible whole.

Item

C13 HEALTH AND SAFETY STANDARDS

146 The Contractor to comply with all requirements of the Occupational Health and Safety Act 85 of 1993 and Construction Regulations as published under Government Notice R1010 in Government Gazette 25207 of 18 July 2003. (See Clause 7.0 under Section A)

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SECTION NO.2

BILL NO. 1

ALTERATIONS

For preambles see "Model Preambles for Trades (2008 Edition)" and Supplementary preambles as specified in the Trades

REMOVAL OF EXISTING WORK:

NATURE OF WORK: Tenderers are advised to visit the site and to satisfy themselves as to the nature and extent of the work to be done and provide in their tenders any items not specifically mentioned which they may deem necessary for the proper completion of the work.

DIMENSIONS The Contractor is advised to take all dimensions affecting the existing buildings on the site, as he will be held solely responsible for all new work being of the correct size.

PIPES, ETC Special care is to be taken not to interfere unnecessarily with any supply pipes or other piping that may be met with and found necessary to disconnect or cut, are to be effectively stopped off and any new connections that may be necessary are to be made with proper fittings and to the satisfaction of the Principal Agent to whom due notice must be given of any alterations to the existing services.

PROTECTION In taking down and removing existing work the utmost care is to be observed to avoid any structural or other damage to the remaining portions of the buildings. The Contractor must also protect all work not removed such as walls, floors, doors, windows or other joinery, loose and fixed fittings and electrical appliances, etc. from damage during the progress of the work and provide all necessary materials for doing so. The Contractor will be held solely responsible for any

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Quantity	Rate	Amount
	R	

damage to persons or property and for the safety of the structure throughout the whole of this Contract and must make good at his own expense any damage that may occur.

OLD USABLE MATERIALS from the alterations/demolitions are to become the property of the Client. Old materials for re-use are to be carefully removed, stored and protected from injury including making good any damaged or defective parts as required before fixing. Old reusable materials are to be handed over to the Client are to be carefully removed and neatly stacked on site where directed. The remainder of the old materials and all rubbish to be immediately carted away and the site left clean and unencumbered. The Contractor should allow for removing of rubble from site on daily basis, failing which the client might stop the construction until the site has been cleaned. None of the old stock bricks from the pulling down are to be re-used for any new work. Materials to be handed over to the Client should be kept safely and handed over to the School Governing Body or the school principal who shall sign for all materials received.

MATERIALS, ETC The materials to be used and work to be done to be similar in all respects to that described for new work insofar as they concur. All work in making good is to be properly jointed to the existing.

Unless otherwise stated, all usable material from the demolitions should be kept safely and handed over to the hospital who shall sign for all material received.

DEMOLITIONS, ETC.

Breaking down and removing concrete etc

1	Strip footing	m3	28	
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Breaking down and removing brickwork etc

2	One brick walls	m2	615	
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FILLING ETC

Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 93% Mod AASHTO density

3 Backfilling to trenches, holes, etc (for demolished strip footing)

m3

93

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Quantity Rate Amount

SECTION NO 3

BILL NO 1

EARTHWORKS

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

SUPPLEMENTARY PREAMBLES

Nature of ground

The nature of the ground is assumed to be sandy weathered granite, therefore "earth", but possibly interspersed with "hard rock"

Excavation for working space in rock

Notwithstanding clause 11 page 8 of the Standard System of Measuring Building Work, excavation for working space in rock will be measured in cubic metres to the extent executed and given as "extra over" bulk excavation or trench and hole excavation as the case may be

Carting away of excavated material

Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site

Filling

Notwithstanding the reference to prescribed multiple handling in clause 1 page 6 of the Standard System of Measuring Building Work, prices for filling and backfilling shall include for all selection and any multiple handling of material

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SITE CLEARANCE ETC

Site clearance

1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	2,641
2	Stripping average 100mm thick layer of top soil and stockpiling on site	m2	2,641

EXCAVATIONS

Excavation in earth not exceeding 2m deep

3	Trenches	m3	353
4	Holes	m3	19

Extra over trench and hole excavations in earth for excavation in

5	Soft rock	m3	35
6	Hard rock	m3	18

Extra over all excavations for carting away

7	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	176
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Risk of collapse of excavations

8	Sides of trench and hole excavations not exceeding 1,5m deep	m2	1,035
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Keeping excavations free of water

9	Keeping excavations free of water		Item
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FILLING ETC

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<u>Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 93% Mod AASHTO density</u>				
10	Under floors, steps, pavings, etc	m3	469	
11	Backfilling to trenches, holes, etc	m3	194	
<u>Earth filling of C4 material supplied by the contractor, compacted to 93% Mod AASHTO density</u>				
12	Under floors, steps, pavings, etc	m3	235	
<u>Compaction of surfaces</u>				
13	Compaction of ground surface under floors etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	1,565	
<u>SOIL POISONING</u>				
<u>Soil insecticide to be executed with SABS compliance by a firm of specialists under a 10 year guarantee</u>				
14	Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m2	1,565	
15	To bottoms and sides of trenches etc	m2	1,388	
Carried to Collection				R
Section No. 3 Buildings Bill No. 1 Earthworks Completion Health Support Complex Thabamcoopo Hospital				

Section No. 3

Bill No. 1

Earthworks

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Buildings

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Earthworks

Completion Health Support Complex

Thabamoopo Hospital

Item
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Quantity

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BILL NO 2

CONCRETE, FORMWORK AND REINFORCEMENT

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

SUPPLEMENTARY PREAMBLES

Cost of tests

The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor and to the approval of the architect. (Test cubes are measured separately)

Breeze concrete

Breeze concrete shall consist of twelve parts clean dry furnace ash, free from coal or other foreign matter, to one part cement (12:1), the ash graded up to particles which will pass a 16,5mm ring from a minimum which fails to pass a 4,75mm mesh. The finer materials from the screening are to be first mixed with the cement into a mortar and the ash added afterwards and thoroughly incorporated

Carried to Collection

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Section No. 3
 Buildings
 Bill No. 2
 Concrete, Formwork and Reinforcement
**Completion Health Support Complex
 Thabamoopo Hospital**

Formwork

Description of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use

The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself

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

Formwork to soffits of slabs, beams, etc shall be deemed to be propped up exceeding 1,5m and not exceeding 3,5m high unless otherwise described

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

UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES

15MPa/20mm concrete

1	Surface blinding under footings and bases	m3	13
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REINFORCED CONCRETE

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 Buildings
 Bill No. 2
 Concrete, Formwork and Reinforcement
**Completion Health Support Complex
 Thabamoopo Hospital**

<u>25MPa/19mm concrete</u>				
2	Strip footings	m3	106	
3	Widen existing strip footing	m3	6	
4	Column bases	m3	8	
5	Surface beds cast in panels on waterproofing.	m3	141	
6	Columns	m3	1	
7	Isolated beams	m3	43	
8	Slabs including beams and inverted beams	m3	10	
<u>CONCRETE SUNDRIES</u>				
<u>Finishing top surfaces of concrete smooth with a wood float/steel trowel</u>				
9	Surface beds, slabs, etc	m2	1,565	
<u>REINFORCED CONCRETE</u>				
<u>25MPa/20mm concrete</u>				
10	Slabs including beams and inverted beams	m3	24	
<u>TEST CUBES</u>				
11	Making and testing 150 x 150 x 150mm concrete strength test cube	No	45	
<u>SMOOTH FORMWORK (DEGREE OF ACCURACY I)</u>				
<u>Smooth formwork to sides</u>				
12	Beams	m2	395	
13	Rectangular columns	m2	4	
Carried to Collection				R
Section No. 3 Buildings Bill No. 2 Concrete, Formwork and Reinforcement Completion Health Support Complex Thabamoopo Hospital				

	<u>Smooth formwork to soffits</u>			
14	170mm Thick soffits of slab	m2	12	
15	Isolated beams	m2	339	
16	Slabs with sloping soffits exceeding 250mm thick propped up not exceeding 3,50m high extreme	m2	141	
	<u>Special formwork to circular columns</u>			
17	450mm Diameter circular columns 3.72m high	No	3	
	<u>Rough formwork to form</u>			
18	600mm Diameter opening through 100mm slab	No	25	
	<u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u>			
	<u>Rough formwork to sides</u>			
19	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	23	
	<u>MOVEMENT JOINTS ETC</u>			
	<u>Expansion joints with bitumen impregnated softboard between concrete and brickwork</u>			
20	10mm Joints not exceeding 300mm high along edges of surface beds	m	35	
	<u>Saw cut joints</u>			
21	3 x 30mm Saw cut joints in top of concrete	m	12	
	<u>REINFORCEMENT</u>			
	<u>Mild steel reinforcement to structural concrete work</u>			
22	8mm Diameter bars	t	0.47	
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<u>High tensile steel reinforcement to structural concrete work</u>		
23	8mm Diameter bars	t 0.27
24	10mm Diameter bars	t 1.18
25	12mm Diameter bars	t 0.34
26	16mm Diameter bars	t 0.11
<u>Fabric reinforcement</u>		
27	Type 193 fabric reinforcement in concrete slabs etc	m2 1,565
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Section No. 3
 Bill No. 2
 Concrete, Formwork and Reinforcement

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**Completion Health Support Complex
 Thabamooopo Hospital**

Item No		Quantity	Rate	Amount
	<p><u>BILL NO 3</u></p> <p><u>MASONRY</u></p> <p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>BRICKWORK</u></p> <p><u>Sizes in descriptions</u></p> <p>Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick</p> <p><u>Linings to concrete</u></p> <p>Descriptions of linings to concrete, unless otherwise described, shall be deemed to include wire ties</p> <p><u>Hollow walls etc</u></p> <p>Descriptions of hollow walls shall be deemed to include wire ties and leaving every fifth perpend of the bottom course of the external skin open as a weep hole</p> <p><u>Reinforced brick lintels</u></p> <p>Lintels shall bear at least 160mm onto adjacent walling. Where such bearing cannot be obtained due to the proximity of adjacent openings the lintel shall be continuous</p> <p><u>Face bricks</u></p> <p>Bricks shall be ordered timeously to obtain uniformity in size and colour</p>			
	Carried to Collection		R	
	<p>Section No. 3 Buildings Bill No. 3 Masonry Completion Health Support Complex Thabamoopo Hospital</p>			

Pointing

Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc

"WINBLOK" MODULAR PRECAST CONCRETE WINDOW SURROUNDS

General

Window surrounds shall be built into brick walls and pointed all round on both sides with 10 x 10mm square recessed joints

Prices shall include for building in as single units or combinations in patterns of two or more window units and for bedding solid all round in mortar and pointing

Note

Aluminium infill windows, glazing and pointing with sealing compound are measured elsewhere

SAMPLES

Samples of all masonry building units, shall consist of a minimum of 6 units

PAVINGS

Quarry tiles, precast concrete, cement, terrazzo and similar tiles

Tiles shall be of approved manufacture, well burnt or cured, and uniform and true in size, shape and colour

Carried to Collection

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**Completion Health Support Complex
 Thabamoopo Hospital**

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Preparation of concrete floor beds, slabs, etc for pavings

Concrete surfaces shall be hacked (preferably by mechanical means) until all laitance, dirt, oil, etc is dislodged and swept clean of all loose matter. Surfaces shall then be wetted and kept damp for at least six hours before slushing with 1:2 cement/sand and while still wet, pavings, etc. shall be laid on a 1:4 cement mortar bed not exceeding 25mm thick. Sand shall be clean, sharp river sand

Jointing of pavings

Pavings, etc, shall, except for crazy paving, be laid with continuous joints in both directions

FOUNDATIONS

Brickwork of NFX bricks (14 MPa nominal compressive strength) in class 1 mortar

1	One brick walls	m2	751
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Brickwork reinforcement

2	150mm Wide reinforcement built in horizontally	m	4,131
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Travertine face bricks (PC Amount of R 5,000.00/1000 including delivery to site) pointed with recessed horizontal and vertical joints

3	Extra over brickwork for face brickwork, including wire ties	m2	76
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SUPERSTRUCTURE

Brickwork of NFP bricks in class II mortar

4	Half brick walls	m2	1,201
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5	Half brick walls in beamfilling	m2	142
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6	One brick walls	m2	1,898
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Carried to Collection

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 Masonry
**Completion Health Support Complex
 Thabamoopo Hospital**

BRICKWORK SUNDRIES

Joint forming material in movement joints

7	12mm Fibre board built in vertically between brick skins	m2	56
8	12mm Fibre board built in vertically through brick walls	m2	130

Brickwork reinforcement

9	75mm Wide reinforcement built in horizontally	m	4,929
10	150mm Wide reinforcement built in horizontally	m	5,850

"Allied Concrete" prestressed fabricated lintels

11	110 x 75mm Lintels in lengths exceeding 900mm not exceeding 1200mm	m	77
12	110 x 75mm Lintels in lengths exceeding 1200mm not exceeding 1500mm	m	15
13	110 x 75mm Lintels in lengths exceeding 1500mm not exceeding 1800mm	m	14

Turning pieces

14	115mm Wide turning pieces to lintels etc	m	80
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Galvanised wire ties etc

15	4mm Diameter roof tie 2m girth bent double with one end fixed to timber and other end built into brickwork	No	275
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"Winblok" modular precast concrete window surrounds etc finished smooth on exposed surfaces, including bedding, jointing and pointing

16	590 x 590 x 260mm Type 16 and Type 17 window	No	23
17	Set of two 590 x 590 x 260mm Type 13 and type 15 window surrounds, 1200 x 600mm high overall, two blocks placed side by side	No	10

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**Completion Health Support Complex
Thabamoopo Hospital**

18	Set of two 590 x 590 x 260mm Type 13 and type 15 window surrounds, 600 x 1200mm high overall, one blocks placed on top of one block	No	12	
19	Set of three 590 x 590 x 260mm Type 14 window surrounds, 1800 x 600mm high overall, one row of three blocks placed side by side	No	1	
20	Set of three 590 x 590 x 260mm Type 11 window surrounds, 600 x 1800mm high overall, one row of three blocks placed on top of each block	No	1	
21	Set of four 590 x 590 x 260mm Type 9 window surrounds, 1200 x 1200mm high overall, one row of two blocks placed on top on row of two blocks	No	21	
22	Set of five 590 x 590 x 260mm Type 8 window surrounds, 1200 x 1800mm high overall, one row of two blocks placed on one row of two which is placed on the one block	No	2	
23	Set of six 590 x 590 x 260mm Type 7 window surrounds, 1200 x 1800mm high overall, three rows of two block on top of each row	No	8	
24	Set of six 590 x 590 x 260mm Type 4 window surrounds, 1800 x 1200mm high overall, two rows of three block on top of three blocks	No	2	
25	Set of six 590 x 590 x 260mm Type 5 window surrounds, 2400 x 1200mm high overall, one rows of four placed on two blocks	No	3	
26	Set of eight 590 x 590 x 260mm Type 3 window surrounds, 2400 x 1200mm high overall, two rows of four block placed on top of four blocks	No	2	
27	Set of eight 590 x 590 x 260mm Type 6 window surrounds, 1200 x 2400mm high overall, four rows of two block placed on top of two blocks	No	35	
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Section No. 3 Buildings Bill No. 3 Masonry Completion Health Support Complex Thabamoopo Hospital				

28	Set of fourteen 590 x 590 x 260mm Type 2 window surrounds, 2400 x 2400mm high overall, Three row of four blocks placed on two blocks	No	3
29	Set of sixteen 590 x 590 x 260mm Type 1 window surrounds, 2400 x 2400mm high, Four row of four blocks placed on top of each row	No	2

FACE BRICKWORK

Travertine face bricks (PC Amount R 5,000.00/1000 including delivery to site) pointed with recessed horizontal and vertical joints

30	Extra over brickwork for face brickwork	m2	1,532
31	Extra over brickwork in beamfilling for face brickwork	m2	142
32	Fair raking cutting	m	330
33	Fair cutting and fitting around pipe not exceeding 100mm diameter (Provisional)	No	105

GRANITE

"Strata Natural Stone" granite "Rustenberg Black" or similar approved with polished front, fixed to joinery (elsewhere measured)

34	730mm wide x 30mm thick top fixed to timber counters (Timber counters measured else where)	m	16
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BILL NO 4

WATERPROOFING

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

SUPPLEMENTARY PREAMBLES

Waterproofing

Waterproofing of roofs, basements, etc shall be laid under a ten year guarantee by an approved applicator. Waterproofing to roofs shall be laid to even falls to outlets etc with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs

DAMP-PROOFING OF WALLS AND FLOORS

One layer of 375 micron "Tarkon Black DPC" embossed damp proof course

1	In walls	m2	173	
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One layer of 250 micron "Tarkon USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"

2	Under surface beds	m2	1,565	
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JOINT SEALANTS ETC

Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc

3	3 x 10mm In vertical expansion joints including raking out expansion joint filler as necessary	m	1,906	
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 Buildings
 Bill No. 4
 Waterproofing
**Completion Health Support Complex
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Item No		Unit	Quantity	Rate	Amount
	<u>BILL NO 5</u>				
	<u>ROOF COVERINGS</u>				
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill				
	<u>SUPPLEMENTARY PREAMBLES</u>				
	<u>Straight cutting</u>				
	Descriptions of roof coverings are deemed to include for straight cutting				
	<u>PROFILED METAL SHEETING AND ACCESSORIES</u>				
	<u>0.5mm "Klip-Lok" Z275 spelter galvanised high yield steel ribbed sheeting with "Chromadek" finish on one side, in single lengths fixed to steel purlins or rails</u>				
1	Roof coverings with pitches not exceeding 25 degrees	m2	1,829		
	<u>PROFILED METAL SHEETING AND ACCESSORIES</u>				
	<u>0.5mm "Klip-Lok" Z275 spelter galvanised high yield steel accessories with Chromadek finish to one side fixed according to manufacturers specifications</u>				
2	Ridge capping (Code FK73) to be Brownbuilt Klip-Lok 700 550mm girth, three times bent along girth and notched on site to suit roof profile.	m	102		
3	Gable trim (Barge flash) 580mm girth 3 times bent	m	202		
4	Barge board 500mm girth screwed to purlin ends and brickwork, and riveted to sheeting	m	327		
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	Section No. 3 Buildings Bill No. 5 Roof coverings Completion Health Support Complex Thabamoopo Hospital				

5	Valley gutter 550mm girth 4 times bent	m	82	
	<u>ROOF LIGHT</u>			
	<u>ROOF AND WALL INSULATION</u>			
	<u>"Alucushion@" single-sided aluminium foil with white polyethylene coating on other side (Code : 2906)</u>			
6	4mm Insulation laid taut over steel purlins and fixed concurrently with roof covering; including white PVC coated straining wires at 383mm centres, all in accordance to the manufacturer's specifications.	m2	1,829	
	<u>SHEET METAL FLASHINGS, LININGS, COPINGS, ETC</u>			
	<u>0.7mm Galvanised sheet iron</u>			
7	Cover flashing 250mm girth	m	6	
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Section No. 3 Buildings Bill No. 5 Roof coverings Completion Health Support Complex Thabamoopo Hospital				R

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 Bill No. 5
 Roof coverings
**Completion Health Support Complex
 Thabamoopo Hospital**

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Item
No

Quantity

Rate

Amount

BILL NO 6

CARPENTRY AND JOINERY

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

SUPPLEMENTARY PREAMBLES

Plate nailed timber roof construction

Trusses are at maximum 1185mm centres. Roof covering is of "Brownbuilt Klip-lok" sheeting on 76 x 50mm timber purlins at 120mm centres. Ceilings are of "Rhinodek Vinyl Gypsum" tiles on exposed tee suspension system. Dimensions in the descriptions of the roofs are nominal and actual measurements shall be obtained from the architect and/or the site before design or fabrication commences

Design, materials, etc are to conform with the latest edition of SABS 0400 and amendments thereto and the fire protection officer's requirements

Joinery

Descriptions of frames shall be deemed to include frames, transomes, mullions, rails, etc

Descriptions of hardwood joinery shall be deemed to include pelleting of screw and bolt holes

Fixing

Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete

Carried to Collection

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Section No. 3
 Buildings
 Bill No. 6
 Carpentry and Joinery
**Completion Health Support Complex
 Thabamoopo Hospital**

Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted", the bolts are measured elsewhere

Decorative laminate finish

Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish

ROOFS, ETC

Plate nailed timber roof construction including wall plates, trusses, rafters, bearers, bracing, valley boarding, gangplanks, smoke/fire baffles, bolts, metal connector plates, fixing to wire roof ties, engineer's design fees, construction approval certificates, etc (refer to roof plan and roof truss drawings annexed to this document)

1	Roof construction to double pitched roofs, supplied and erected complete in position with hipped ends, bracing, gangboarding, purlins, eaves purlins, etc. for "Health Support" buildings (Refer to architect's drawings attached to these bills of quantities)	No	1
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Sawn softwood

2	38 x 114mm Wall plates	m	330
3	50 x 114mm Purlins	m	1,019

Wrot softwood CCA pressure treated

4	50 x 76mm Fascia beams	m	330
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Sundries

5	Two coats creosote on sawn timbers (Provisional)	m2	44
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EAVES, VERGES, ETC

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Section No. 3
 Buildings
 Bill No. 6
 Carpentry and Joinery
**Completion Health Support Complex
 Thabamoopo Hospital**

"Everite" high density plain nutec-cement

6 12 x 225mm Fascias, including aluminium H-profile
jointing strips

m

340

Carried to Collection

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Section No. 3
Buildings
Bill No. 6
Carpentry and Joinery
**Completion Health Support Complex
Thabamoopo Hospital**

DOORS, ETC

Semi solid core flush laminated doors with commercial veneer on both sides hung to steel frames

7	44mm Door 813 x 2032mm high	No	47
8	44mm Door 1300 x 2032mm high	No	13
9	44mm Double door 1500 x 2032mm high with 300 x 1525mm vertical view panel	No	4

Semi solid door with 19mm thick melamine board, flush meeting stiles hung to steel frames (For the Service Ducts Doors)

10	44mm Double door 1500 x 2064mm high	No	6
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Semi solid hard wood flush panel door with 150mm undercut on both sides hung to steel frames

11	44mm Door 813 x 2032mm high	No	18
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Hardwood flush back (Sepele Veneer) framed and ledged with two panelled leaves with flush meeting stiles hanged to steel frame

12	42mm Door 813 x 2064mm high	No	1
13	42mm Double door 1500 x 2064mm high	No	26
14	Extra for 300 x 1525mm opening to form viewing panel consisting of 6mm clear laminated safety glass in and including timber surround	No	8

Wrought meranti doors hung to steel frames

15	40mm Double door 1511 x 2032mm high	No	6
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 Buildings
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 Carpentry and Joinery
**Completion Health Support Complex
 Thabamoopo Hospital**

Sliding folding door including frames, sliding gear, ironmongery, 6mm clear toughened safety glass and standard sealer finish

16 Door 6500mm x 3000mm high fixed to brickwork or concrete Type 10

No

1

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Bill No. 6

Carpentry and Joinery

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Buildings

Bill No. 6

Carpentry and Joinery

Completion Health Support Complex

Thabamoopo Hospital

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BILL NO 7

CEILINGS

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

SUPPLEMENTARY PREAMBLES

Descriptions

Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete

Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted", the bolts are measured elsewhere

CEILINGS, ETC

CEILINGS ETC

Insulation

1	50mm glass fibre insulation blanket to manufacturer's specification, laid on ceiling.	m2	42	
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Sawn softwood

2	38 x 114mm Ceiling joists	m	93	
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"Rhino" gypsum plasterboard cornices

3	50mm Coved cornices	m	30	
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NAILED UP CEILINGS

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Section No. 3
 Buildings
 Bill No. 7
 Ceilings
**Completion Health Support Complex
 Thabamoopo Hospital**

	<u>6mm "Everite Nutec" fibre-cement boards with H-profile primed steel jointing cover strips over joints</u>			
4	Ceilings including 38 x 38mm branderling at 90deg to trusses at maximum centres of 400mm by 32mm long galvanised nails.	m2	42	
5	Extra over ceiling for opening for 610 x 610mm trap door of 50 x 76mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening	No	1	
	<u>SUSPENDED CEILINGS</u>			
	<u>BPB Gypsum DonnCeil Soundlite® Coral Fiberglass ceiling tiles size 600 x 600mm x 15mm thick laid on and including lay in exposed tee suspension ceiling system including Donn® SQ/T38 galvanised main tees, cross tees, hold-down clips, wedges, etc., all suspended with galvanised hangers at centres not exceeding 1200mm.</u>			
6	Horizontal ceilings suspended not exceeding 1m below timber trusses (trusses mainly at approximately 1185mm centres)	m2	956	
7	Horizontal ceilings suspended not exceeding 1m below steel trusses (trusses mainly at approximately 1185mm centres)	m2	568	
8	Extra over ceilings for opening for 150mm diameter downlighter (Provisional)	No	30	
9	Extra over ceilings for opening for 600 x 600mm light fitting (Provisional)	No	157	
	<u>CORNICES</u>			
	<u>"Donn" cornices to suspended ceilings</u>			
10	"SM25" pre-painted cornices, nailed	m	1,317	
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	Section No. 3 Buildings Bill No. 7 Ceilings Completion Health Support Complex Thabamoopo Hospital			

Section No. 3

Bill No. 7

Ceilings

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Buildings

Bill No. 7

Ceilings

Completion Health Support Complex

Thabamoopo Hospital

Item No	<u>BILL NO 8</u>	Quantity	Rate	Amount
	<u>FLOOR COVERINGS, PLASTIC LININGS, ETC</u>			
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	<u>FLOOR COVERINGS</u>			
	<u>Tarkett Linoleum 2m wide x 2,5mm thick fully flexible linoleum floor sheeting fixed with Contact Adhesive and grooved joints hot welded with a fully flexible coloured weld to provide a continuous finished surface including rolling with 68kg three section metal roller on completion, washing down with neutral detergent and applying two coats water-based floor dressing.</u>			
1	On floors	m2	1,121	
2	Turn-ups over and including PC20 cove piece and up against walls not exceeding 300mm girth including POLYCAP C48 capping strip glued to wall as a finishing strip	m2	275	
	<u>SKIRTINGS, NOSINGS, ETC</u>			
	<u>"Marley FloorworX" or similar and approved vinyl skirting fixed with Marley No. 71 solvent based contact adhesive, spread with a brush onto both material and working surface.</u>			
3	Marley Extruda 50 x 100mm high cove base vinyl skirting (Code : MFE5), fixed with adhesive	m	915	
	<u>BUMP RAILS AND CORNER PROTECTORS</u>			
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	Section No. 3 Buildings Bill No. 8 Floor coverings, Plastic linings, etc Completion Health Support Complex Thabamoopo Hospital			

"Marley Intrad" uPVC corner protectors

4	70 x 70 x 2,2mm CP1200 corner protectors	m	376
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POLISH, SEALERS, ETC

5	Two coats wax polish on vinyl flooring	m2	2,154
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Section No. 3
 Buildings
 Bill No. 8
 Floor coverings, Plastic linings, etc
**Completion Health Support Complex
 Thabampo Hospital**

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Section No. 3

Bill No. 8

Floor coverings, Plastic linings, etc

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Section No. 3

Buildings

Bill No. 8

Floor coverings, Plastic linings, etc

Completion Health Support Complex

Thabamoopo Hospital

Item
No

Quantity

Rate

Amount

BILL NO 9

IRONMONGERY

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

SUPPLEMENTARY PREAMBLES

Descriptions

Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs

Finishes to ironmongery

Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list:
 BS Satin bronze lacquered CH Chromium plated
 SC Satin chromium plated SE Silver enamelled
 GE Grey enamelled AS Anodised silver AB
 Anodised bronze AG Anodised gold ABL
 Anodised black PB Polished brass PL
 Polished and lacquered PT Epoxy coated
 SD Sanded

DOOR CLOSERS

"Union" or Similar approved

- | | | | |
|---|---|----|----|
| 1 | 732SC Slide channel door closer, fixed power EN2, two speed control valves, adjustable arm height, min wall nib 47mm | No | 6 |
| 2 | 744 Heavy duty door closer with regular arm, adjustable back check, adjustable delayed closing with two speed control valves and an adjustable arm height | No | 63 |

Carried to Collection

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Section No. 3
 Buildings
 Bill No. 9
 Ironmongery
**Completion Health Support Complex
 Thabamoopo Hospital**

3 756 Regular duty double action floor spring for timber door with fixed power EN3 and two speed control valves

No

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Section No. 3
Buildings
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Ironmongery
Completion Health Support Complex
Thabamoopo Hospital

PUSH PLATES AND KICKING PLATES

"Union" or Similar approved

4	Irm HR_AL5023-836WA_UN Alm Kick / Push Plate 152x800x3mm	No	19
5	Irm HS_AL5023-684W_UN Alm Kick / Push Plate 152x630x3mm	No	21
6	rm HV_AL5023-836WA_UN Alm Kick / Push Plate 152x820x3mm	No	35
7	Irm HX_AL5023-988W_UN Alm Kick / Push Plate 152x985x3mm	No	25

LETTERS, NAMEPLATES, ETC

"Union" or Similar approved

8	150 x 150 x 2mm AL5066-E10AS engraved plate with male pictogram	No	3
9	150 x 150 x 2mm AL5066-E11AS engraved plate with female pictogram	No	3
10	150 x 150 x 2mm AL5066-E11AS engraved plate with disable pictogram	No	1

LOUVRE DRAPES, CURTAINS, ETC

NET SUMS

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Section No. 3
 Buildings
 Bill No. 9
 Ironmongery
**Completion Health Support Complex
 Thabamoopo Hospital**

The following Net Sums are for work to be executed by the contractor and which will be measured at completion and priced at Bill rates and where Bill rates are not applicable at rates to be agreed

11 Allow the net sum of eighty thousand rand (R 80,000.00) for work in connection with the installation of curtains Item

BATHROOM FITTINGS

"Kimberly-Clark" or Similar approved

12 Code 405606 (2 roll) toilet roll dispenser, plugged No 12

13 Code 425792 multi-fold paper towel dispenser, plugged No 6

14 Code 925570 "Twinpack" soap dispenser, plugged No 14

"Chairman Industries" or Similar approved

15 32mm Diameter SR5 stainless steel shower side grab rail, plugged No 1

16 480 x 460mm XF fold-up shower seat, plugged No 1

17 32mm Type 9 back grab rail 800mm long plugged No 1

18 32mm Type 8 side grab rail 900mm girth plugged No 1

"Steibel Eltron" or Similar approved

19 HTE5 Electric hand drier, plugged No 6

SUNDRIES

"Union" or Similar approved

20 CZ8731SC floor mounted door stop, plugged No 100

21 AL8722AS Aluminium hat & coat hook in anodised silver finish No 19

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Section No. 3
 Buildings
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 Ironmongery
**Completion Health Support Complex
 Thabamoopo Hospital**

<u>"Wetrok Extra GT" rubber mats or Similar approved</u>				
22	1500 x 1200mm Door mat laid loose in mat surround	No	2	
<u>PINNING BOARDS, WRITING BOARDS, PROJECTION SCREENS, ETC</u>				
<u>"Vitrex" or Similar approved</u>				
23	Pinning boards 2400 x 1200mm high fixed to brickwork (Code 2307)	No	22	
24	"2205" White writing board 2000 x 1000mm high with chalk rail, plugged	No	4	
<u>KEY CABINET</u>				
<u>"Cecil Nurse" or Similar approved</u>				
25	Key cabinet (Code KC 100)	No	1	
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Bill No. 9

Ironmongery

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Buildings

Bill No. 9

Ironmongery

Completion Health Support Complex

Thabamoopo Hospital

Item
No

Quantity

Rate

Amount

BILL NO 10

METALWORK

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

SUPPLEMENTARY PREAMBLES

Descriptions

Descriptions of bolts shall be deemed to include nuts and washers Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described

Drawings

Tenderers are referred to architect's drawings annexed to this document for full details of the windows, doors, etc

PRESSED STEEL DOOR FRAMES

1,6mm Double rebated frames suitable for half brick walls

1	Frame for door 813 x 2032mm high	No	63
2	Frame for door 1000 x 2032mm high	No	2
3	Frame for door 1300 x 2032mm high	No	13
4	Frame for door 1500 x 2032mm high	No	4

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Section No. 3
 Buildings
 Bill No. 10
 Metalwork
**Completion Health Support Complex
 Thabamoopo Hospital**

1.6mm Double rebated frames suitable for one brick walls

5	Frame for door 813 x 2064mm high	No	1
6	Frame for double door 1500 x 2125mm high	No	1
7	Frame for double door 1500 x 2064mm high	No	32

NATURAL ANODISED ALUMINIUM LOUVRE UNITS

"Winvent" louvre units fitted to winbloks with silicone in strict accordance with the manufacturer's instructions

8	Winlouvre fixed to winblok	No	362
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STEEL ROLLER SHUTTERS ETC

Galvanised roller shutters fixed to brickwork or concrete

9	Chain operated slatted roller shutter for 1500 x 2100mm high opening	No	2
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 Bill No. 10
 Metalwork
**Completion Health Support Complex
 Thabamoopo Hospital**

Section No. 3

Bill No. 10

Metalwork

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Section No. 3

Buildings

Bill No. 10

Metalwork

Completion Health Support Complex

Thabamoopo Hospital

Item No	<u>BILL NO 11</u>	Quantity	Rate	Amount
	<u>PLASTERING</u>			
	<u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	<u>SCREEDS</u>			
	<u>Screeds on concrete</u>			
1	21mm Thick on floors and landings	m2	1,500	
	<u>GRANOLITHIC</u>			
	<u>Untinted granolithic on concrete (degree of accuracy grade I)</u>			
2	40mm Thick on floors	m2	65	
	<u>INTERNAL PLASTER</u>			
	<u>Cement plaster on brickwork</u>			
3	On walls	m2	4,356	
	<u>CORNER PROTECTORS, DIVIDING STRIPS, ETC</u>			
4	3 x 25mm Flat section brass weather bar between different floor finishes	m	75	
	Carried Forward to Summary of Section No. 3			R
	Section No. 3 Buildings Bill No. 11 Plastering Completion Health Support Complex Thabamoopo Hospital			

Item No		Quantity	Rate	Amount
	<u>BILL NO 12</u>			
	<u>TILING</u>			
	<u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Descriptions</u>			
	Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 plaster bedding			
	<u>WALL TILING</u>			
	<u>200 x 200 x 5mm White glazed ceramic tiles fixed with adhesive to plaster (plaster elsewhere)</u>			
1	On walls	m2	364	
2	On walls in isolated panels, splashbacks, etc	m2	11	
	<u>FLOOR TILING</u>			
	<u>400 x 400mm non slip porcelain floor tiles (PC Amount R 150.00/m²) on 26mm bedding on concrete and flush pointed with tinted waterproof jointing compound</u>			
3	On floors and landings in diagonal pattern	m2	444	
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	Section No. 3 Buildings Bill No. 12 Tiling Completion Health Support Complex Thabamoopo Hospital			

Item
No

Quantity

Rate

Amount

BILL NO 13

PLUMBING AND DRAINAGE

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

SUPPLEMENTARY PREAMBLES

Wire gratings

Descriptions of gutter outlets etc shall be deemed to include wire balloon gratings

Exposed concrete surfaces

Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gully tops, cleaning eye tops, catchpits, inspection chambers, etc shall be finished smooth with plaster and descriptions shall be deemed to include therefor

uPVC pipes and fittings

Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings

Soil, waste and vent pipes and fittings shall be solvent weld jointed or sealed with butyl rubber rings

Gratings, covers, etc

Gratings, covers, etc shall be as manufactured by "Besaans du Plessis Foundries", unless otherwise described

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 Buildings
 Bill No. 13
 Plumbing and Drainage
**Completion Health Support Complex
 Thabamoopo Hospital**

Sealing of edges

Outer edges of sinks, basins, urinals, etc are to be sealed against adjacent surfaces with "Bayer 400F" silicone

uPVC pressure pipes and fittings

Pipes for water supply shall be of the class stated

Pipes of 50mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings

Pipes of 63mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints

Copper pipes

Pipes shall be hard drawn and half-hard pipes of the class described. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), class 2 (half-hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016

Copper pipes are to be installed in accordance with the latest revision of the code of Practice for Copper Plumbing soldering techniques. Flux, solder, etc to be strictly in accordance with the manufacturer's requirements with special attention to copperflux composition

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 Buildings
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 Plumbing and Drainage
**Completion Health Support Complex
 Thabamoopo Hospital**

Reducing fittings

Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 63mm, only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60mm, all sizes are given and no claim for extra bushes, reducers, etc will be entertained

Fixing of pipes

Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls, etc, casting in, building or suspending not exceeding 1m below suspension level

Disinfection of water pipework

All water pipework is to be disinfected in accordance with SABS 1200L

Excavations

No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling

"Hard rock" shall be as defined in "Earthworks"

Laying, backfilling, bedding, etc. of pipes

Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions

Where no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following:

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SABS 1200L : Medium-pressure pipelines
 SABS 1200LD : Sewers
 SABS 1200LE : Stormwater drainage

Pipe trenches etc shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200DB : Earthworks (Pipe trenches)

Pipes shall be bedded in accordance with clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200LB : Bedding (Pipes)

Unless otherwise described bedding of rigid pipes shall be class B bedding

General

Descriptions of pipes laid in and including trenches and of inspection chambers, catchpits, etc shall be deemed to include excavation, bedding, backfilling, compaction to a minimum of 93% Modified AASHTO density and disposal of surplus material on site

Descriptions of copper service pipes and flexible connecting pipes shall be deemed to include connections to taps, cisterns, etc and to steel pipes

Descriptions of wc pans, slop hoppers, etc shall be deemed to include for joints to soil pipes (pan connectors separately measured)

As-built drawings

Where required, the contractor shall at all times keep an updated set of "as-built" drawings. At completion of the contract the contractor shall hand these drawings to the architect for reproducing onto the originals for handing over to the employer (Provision for allowance of as-built drawings elsewhere)

SLEEVES FOR ELECTRICAL AND TELEPHONE CABLES ETC

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 Plumbing and Drainage
**Completion Health Support Complex
 Thabamoopo Hospital**

<u>Class 6 uPVC pipes</u>				
1	110mm Pipes laid in and including trenches not exceeding 1m deep	m	8	
2	Set of two 110mm pipes laid in and including trenches not exceeding 1m deep	m	8	
<u>Extra over uPVC pipes for fittings</u>				
3	110mm Bend	No	12	
4	110mm Long radius bend	No	12	
<u>Draw wires</u>				
5	1,6mm Galvanised steel draw wires in pipes	m	5	
<u>SOIL DRAINAGE</u>				
<u>"Corflo" double walled radial ribbed uPVC pipes with intergral moulded cuff joints and rubber seal rings</u>				
6	110mm Pipes vertically or ramped to cleaning eyes etc including excavation exceeding 1m deep not exceeding 2m deep	m	40	
7	110mm Pipes laid in and including trenches not exceeding 1m deep	m	335	
8	110mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep	m	82	
<u>Extra over "Corflo" double walled radial ribbed uPVC pipes with integral moulded cuff joints and rubber seal rings for uPVC fittings</u>				
9	110mm Bend	No	5	
10	110mm Junction	No	2	
11	110mm Access pipe	No	5	
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12	110mm Access bend	No	5	
	<u>uPVC gulleys</u>			
13	110mm Gulley not exceeding 750mm deep	No	5	
	<u>Inspection chambers (covers elsewhere)</u>			
14	Inspection chamber 450 x 600mm x exceeding 750mm and not exceeding 1000mm deep internally	No	3	
15	Inspection chamber 450 x 600mm and exceeding 1500mm and not exceeding 1750mm deep internally	No	3	
	<u>Covers, etc</u>			
16	450 x 600mm x 74kg Type 8A cast iron double seal manhole cover and frame	No	6	
	<u>SUNDRIES</u>			
17	Extra over excavation in earth for pipe trenches, chambers, etc for excavation in hard rock	m3	2	
18	Concrete encasing to 110mm horizontal pipe	m	6	
19	Concrete encasing to 110mm vertical pipe	m	12	
20	Concrete encasing to 110mm vertical bend	No	6	
21	457 x 457 x 50mm Precast concrete inspection eye marker slab set in ground	No	15	
22	110mm uPVC "ABC" cleaning eye including type 11B cast iron cover and frame	No	6	
23	Testing soil drainage pipe system		Item	
	<u>SANITARY FITTINGS ETC</u>			
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<u>"Franke" stainless steel</u>				
24	Franke Trendline Model 1200x535 DEB Grade 304 18/10 polished stainless steel double end bowl drop on sink (Code: 312081), overall size 1200 x 535mm with two 343 x 410 x 140mm deep bowls, fitted onto cupboard (elsewhere specified) including PVC traps (traps elsewhere specified)	No	1	
<u>White Vitreous China</u>				
25	510 x 405mm "Hibiscus" (code 7050) white vitreous china rounded lavatory basin with two tapholes supported on and incl. two bolts (code 84467Z0)	No	6	
26	Vaal Sanitaryware vanity basin colour White with two taphole (LHS) including integrated overflow and chainstay hole, fixd to granite top and sealed with silicone sealant (Granite tops elsewhere)	No	10	
27	White vitreous china "Daisy" semi-close coupled 90 degree outlet open rim washdown pan (code 774000) and matching 9 litre cistern (code 710034) complete with lid, fitments and flush pipe elbow and conversion bend (code 710044) and "deluxe" toilet seat	No	12	
28	Vaal Sanitaryware Protea Paraplegic vitreous china floor mounted paraplegic washdown suite colour White (Code: 750246) comprising 90° outlet pan (Code: 750200) and matching 9 litre cistern (Code: 710631), including lid, fitments and purpose-made chromium plated side flush lever and B2 economy double flap thermostet seat.	No	1	
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WASTE UNIONS ETC

"Cobra Watertech"

29	Cobra Watertech 40mm chrome plated sink waste (Code: 316) with 70mm diameter flange, 45mm long shank, plug, chain and stay.	No	1
30	Cobra Watertech 32mm chrome plated basin waste (Code: 308) with 62mm diameter flange, 80mm long shank and plug.	No	6
31	Vanity basin fixed to granite tops	No	10

WASTE UNIONS ETC

"Cobra Watertech"

32	32mm 308CP basin waste union with 318CP standing overflow tube	No	16
33	40mm 316 CP bath or sink waste union	No	1

TRAPS ETC

"Cobra Watertech"

34	40mm 373 RB shower trap, including chromium plated grating	No	6
35	32mm 340 CP bottle trap	No	6
36	40mm 360 CP bottle trap	No	10

TAPS, VALVES, ETC

"Cobra Watertech"

37	15mm 059CP extension piece with sliding wall flange	No	6
38	15mm 232/350FCP angle regulating valve and flexible connection pipe	No	6

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**Completion Health Support Complex
 Thabamoopo Hospital**

39	15mm 1075CP fullway ballcock	No	7
40	15mm 1001/125RB fullway gate valve	No	7
41	20mm 1001/125RB fullway gate valve	No	8
42	25mm 1001/125RB fullway gate valve	No	5
43	32mm 1001/125RB fullway gate valve	No	5
44	15mm 186CP "Carina" shower mixer with cover plate	No	6
45	15mm 404CP "Carina" basin set	No	16
46	15mm KP2.6CP "Vandalmaster" shower head	No	6
47	PB1.10RB vacuum breaker	No	6
48	PA3.132 "Masterflo 1" pressure reducing valve	No	6
	<u>"Isca"</u>		
49	"AL0030" wall mounted sink water mixer 15mm 1075CP fullway ballcock	No	1
	<u>SANITARY PLUMBING</u>		
	<u>uPVC, soil and vent pipes</u>		
50	40mm Pipes	m	45
51	50mm Pipes	m	105
52	40mm Pipes chased into brickwork	m	39
53	50mm Pipes chased into brickwork	m	25
54	110mm Pipes laid in and including trenches not exceeding 1m deep below surface beds	m	120

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 Plumbing and Drainage
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 Thabamooopo Hospital**

Extra over uPVC, soil and vent pipes for fittings

55	40mm BSP adaptor	No	12
56	50mm BSP adaptor	No	10
57	50mm Reducer	No	6
58	110mm Eccentric reducer	No	15
59	40mm Bend	No	12
60	50mm Bend	No	15
61	110mm Bend	No	10
62	40mm Junction	No	45
63	50mm Junction	No	32
64	110mm Junction	No	22
65	40mm Access bend	No	9
66	50mm Access bend	No	11
67	110mm Access bend	No	12
68	40mm Access junction	No	6
69	50mm Access junction	No	8
70	110mm Access junction	No	15
71	110 x 110 x 50mm Access reducing junction	No	6
72	110mm Access double junction	No	8
73	110 x 50 x 50mm Access reducing double junction	No	10
74	110mm Air vent cowl	No	12

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Completion Health Support Complex
Thabamoopo Hospital

75	110mm Stubstack	No	12
	<u>Sundries</u>		
76	Testing waste pipe system		Item
	<u>WATER SUPPLIES</u>		
	<u>Class 6 uPVC pressure pipes with solvent welded joints</u>		
77	90mm Pipes laid in and including trenches not exceeding 1m deep	m	83
	<u>Extra over class 6 uPVC pressure pipes for fittings with solvent welded joints</u>		
78	90mm Bend	No	5
	<u>Class 0 copper pipes with capillary couplings</u>		
79	15mm Pipes	m	205
80	22mm Pipes	m	186
81	28mm Pipes	m	195
82	35mm Pipes	m	30
83	50mm Pipes	m	95
84	15mm Pipes chased into brickwork	m	95
85	22mm Pipes chased into brickwork	m	95
	<u>Extra over class 0 copper pipes for capillary fittings</u>		
86	15mm Fittings	No	45
87	22mm Fittings	No	50
88	28mm Fittings	No	39

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 Plumbing and Drainage
**Completion Health Support Complex
 Thabamoopo Hospital**

89	35mm Reducer	No	50	
90	35mm Elbow	No	60	
91	50mm Elbow	No	45	
92	35mm Tee	No	9	
93	50mm Tee	No	8	
94	35mm Reducing tee	No	9	
95	50mm Reducing tee	No	8	
96	35mm Threaded adaptor	No	7	
97	50mm Threaded adaptor	No	8	
	<u>Copper overflow and service pipes</u>			
98	22mm Service pipe 350mm girth	No	65	
	<u>Sundries</u>			
	<u>FIRE APPLIANCES ETC</u>			
	<u>"Chubb"</u>			
99	"Everyway" hose reel complete with 30m plastic hose, chromium plated stopcock, shut-off nozzle and wall bracket	No	4	
100	9kg Dry chemical powder fire extinguisher, including standard hard wood backing plugged and backing finished with one coat dark stain and two coats clear suede polyurethane varnish	No	24	
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<u>Fire hydrant pedestals</u>		
101	Unreinforced concrete hydrant pedestal 900mm high cast around vertical pipe with bottom 300mm below ground, 300 x 300mm square at base and tapering to octagonal shaped top 200 x 200mm overall including necessary excavation, formwork and two coats of paint to exposed surfaces, including fire hydrant head, 80mm diameter galvanised socket, 80mm galvanized pipe 1800mm high, 240 x 240mm base and 180mm x 180mm top concrete block, 80mm x 90degree galvanised male and female bend, 75mm diameter uPVC pipe class 12 connected with 75mm flange to flange fire hydrant	No 1
<u>SLEEVES</u>		
<u>Plastic sleeves for pipes not exceeding 100mm diameter</u>		
102	Sleeve not exceeding 250mm long	No 10
103	Sleeve exceeding 250mm and not exceeding 500mm long	No 10
<u>Plastic sleeves for pipes exceeding 100mm diameter and not exceeding 200mm diameter</u>		
104	Sleeve not exceeding 250mm long	No 8
105	Sleeve exceeding 250mm and not exceeding 500mm long	No 8
<u>HOLES ETC</u>		
<u>Core drilling of hole for pipe not exceeding 50mm diameter</u>		
106	200mm Reinforced concrete slab, beam, wall, etc	No 25
107	300mm Reinforced concrete slab, beam, wall, etc	No 15
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<u>Core drilling of hole for pipe exceeding 50mm and not exceeding 100mm diameter</u>			
108	200mm Reinforced concrete slab, beam, wall, etc	No	25
109	300mm Reinforced concrete slab, beam, wall, etc	No	16
<u>Core drilling of hole for pipe exceeding 100mm and not exceeding 200mm diameter</u>			
110	200mm Reinforced concrete slab, beam, wall, etc	No	15
<u>AS-BUILT DRAWINGS</u>			
111	Allow for an updated set of as-built drawings to be handed to the architect at completion of the contract		Item
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 Plumbing and Drainage

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Item No		Quantity	Rate	Amount
	<u>BILL NO 14</u>			
	<u>GLAZING</u>			
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	<u>GLAZING TO WINBLOKS WITH SILICON</u>			
	<u>6.5mm Clear toughened safety glass</u>			
1	Panes exceeding 0,1m2 and not exceeding 0,5m2	m2	127	
	<u>TOPS, SHELVES, DOORS, MIRRORS, ETC</u>			
	<u>6mm Silvered float glass copper backed mirrors with polished edges, holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete</u>			
2	Mirror 400 x 600mm high with four screws	No	17	
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	Section No. 3 Buildings Bill No. 14 Glazing Completion Health Support Complex Thabamoopo Hospital			

Item No	Quantity	Rate	Amount
<u>BILL NO 15</u>			
<u>PAINTWORK</u>			
<u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>DESCRIPTIONS</u>			
Descriptions of paintwork shall be deemed to include for all cutting in			
<u>PREPARATORY WORK TO EXISTING WORK</u>			
<u>Previously painted plastered surfaces</u>			
Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth			
<u>Previously painted metal surfaces</u>			
Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal			
<u>Previously painted wood surfaces</u>			
Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth			
Carried to Collection			R
Section No. 3 Buildings Bill No. 15 Paintwork Completion Health Support Complex Thabamoopo Hospital			

PAINT SPECIFICATIONS

All painting shall be done in accordance with "Plascon-Evans" specifications

Carried to Collection

Section No. 3
Buildings
Bill No. 15
Paintwork
**Completion Health Support Complex
Thabamoopo Hospital**

R

<u>PAINTWORK, ETC TO NEW WORK ON</u>		
<u>FLOATED PLASTER SURFACES WITH</u>		
<u>One coat universal undercoat and two coats "Polvin Super Acrylic PVA" paint (EPL) on</u>		
1	Internal walls	m2 3,992
<u>FIBRE-CEMENT SURFACES WITH</u>		
<u>One coat primer and two coats "Polvin Super Acrylic PVA" paint (EPL) on</u>		
2	Fascias and barge boards not exceeding 300mm girth	m 340
<u>METAL SURFACES WITH</u>		
<u>Spot priming defects in pre-primed surfaces with red oxide metal primer, one coat universal undercoat and two coats "Super Universal Enamel" paint (NY-1/G) on steel</u>		
3	Door frames	m2 138
<u>WOOD SURFACES WITH</u>		
<u>One coat primer (UC56) thinned 20 % with mineral turpentine and two coats "Plascon Velvagio" paint (VLO) on</u>		
4	Doors	m2 528
Carried to Collection		
Section No. 3 Buildings Bill No. 15 Paintwork Completion Health Support Complex Thabamoopo Hospital		

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Section No. 3

Bill No. 15

Paintwork

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Section No. 3

Buildings

Bill No. 15

Paintwork

Completion Health Support Complex

Thabamoopo Hospital

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1	Earthworks	49	
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4	Waterproofing	63	
5	Roof coverings	66	
6	Carpentry and Joinery	72	
7	Ceilings	75	
8	Floor coverings, Plastic linings, etc	78	
9	Ironmongery	84	
10	Metalwork	87	
11	Plastering	88	
12	Tiling	89	
13	Plumbing and Drainage	104	
14	Glazing	105	
15	Paintwork	109	
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	Section No. 3 Buildings Completion Health Support Complex Thabamoopo Hospital		

Item No	<u>SECTION NO 3</u>	Quantity	Rate	Amount
	<u>BILL NO 1</u>			
	<u>EXTERNAL WORKS</u>			
	<u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	<u>APRONS AROUND BUILDINGS</u>			
	<u>Excavation not exceeding 2m deep</u>			
1	Reduced levels under aprons	m3	50	
	<u>Extra over all excavations for carting away</u>			
2	Surplus material from stock piles on site to a dumping site to be located by the contractor	m3	50	
	<u>Compaction of surfaces</u>			
3	Compaction of ground surface under aprons including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density	m2	330	
4	Allow for compaction tests as required by the Engineer		Item	
	<u>20 MPa/20 mm concrete</u>			
5	Aprons cast in panels to falls	m3	30	
	<u>Finishing top surfaces of concrete smooth with a wood float</u>			
6	Aprons to falls	m2	330	
	Carried to Collection			R
	Section No. 4 External Works Bill No. 1 Aprons Completion Health Support Complex Thabamoopo Hospital			

7	Forming 250mm wide segmental channel to falls in concrete including finishing smooth	m	330
	<u>Smooth formwork to sides</u>		
8	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	330
	<u>Expansion joints with bitumen impregnated softboard between vertical concrete and brick surfaces</u>		
9	12 mm Joints not exceeding 300 mm high	m	330
	<u>Expansion joints with bitumen impregnated softboard between vertical concrete surfaces</u>		
10	12 mm Joints not exceeding 300 mm high	m	330
	<u>Fabric reinforcement</u>		
11	Type 193 fabric reinforcement in concrete aprons	m2	330

Carried to Collection

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Section No. 4
 External Works
 Bill No. 1
 Aprons
**Completion Health Support Complex
 Thabamoopo Hospital**

Section No. 4

Bill No. 1

Aprons

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Section No. 4

External Works

Bill No. 1

Aprons

Completion Health Support Complex

Thabamoopo Hospital

Item No		Quantity	Rate	Amount
	<u>BILL NO 2</u>			
	<u>PAVING</u>			
	<u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	<u>Materials and workmanship must be in accordance to the following SABS 1200 specifications:</u>			
	C - Site clearance			
	D - Earthworks			
	DM - Earthworks (Roads, subgrade)			
	M - Roads (General)			
	ME - Sub-base			
	MF - Base			
	MK - Kerb and Channeling			
	MM - Ancillary Roadworks			
	<u>Earthworks</u>			
1	Excavate in pickable earth to reduce ground level below paving and set aside for later use	m3	287	
2	Ditto, but cart away excavated material to a dumping place to be found by the contractor (cut to spoil)	m3	287	
3	Extra over excavation for excavation in soft rock	m3	29	
4	Ditto, but in hard rock	m3	14	
5	Rip and scarify ground level to a depth of 150mm and consolidate to 90% mod. AASHTO density (minimum CBR 3)	m2	1,914	
	<u>Paving layers</u>			
	Carried to Collection			R
	Section No. 4 External Works Bill No. 2 Paving Completion Health Support Complex Thabamoopo Hospital			

Earth filling supplied by the contractor compacted to 95% Mod AASHTO density

The following to be natural selected gravel layers evenly spread and consolidated in layers and dimensions as specified and on the drawings. All thicknesses to be consolidated thicknesses.

Where described as "imported" the gravel to be supplied and carted on by the contractor from an approved borrow pit

6	20mm Imported sand bedding	m3	38
7	Imported C4 material compacted to 95% mod. AASHTO density	m3	287
8	Imported G6 material compacted to 95% mod. AASHTO density	m3	287
9	Imported G7 material compacted to 95% mod. AASHTO density	m3	287
10	Allow for compaction tests as required by the Engineer		Item

Compaction of surfaces

11	Compaction of ground surface under pavings etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	1,914
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Prescribed density tests on filling

12	In-situ dry density (sand replacement) test in accordance with method A10 (a) of TMH 1	No	10
13	Tests to determine the degree of compaction, etc of ground filling	No	10

Carried to Collection

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Section No. 4
 External Works
 Bill No. 2
 Paving
**Completion Health Support Complex
 Thabamoopo Hospital**

<u>Interlocking paving</u>				
14	60mm Thick double interlocking (DZZ) precast concrete paving blocks laid in a herringbone pattern on and including 20mm sand founding layer and covered with sandlayer and sweep into joints	m2	1,515	
15	50mm Thick rectangular precast concrete paving blocks laid in a herringbone pattern on and including 20mm sand founding layer and covered with sandlayer and sweep into joints	m2	400	
16	Circular cutting to paving	m	29	
<u>SOIL POISONING</u>				
<u>Soil insecticide to be executed with SABS compliance by a firm of specialists under a 10 year guarantee</u>				
17	Weed-killing treatment of surface under paving	m2	1,914	
18	Ant poison treatment ditto	m2	1,914	
<u>Kerbs, etc</u>				
19	150 x 200 x 300mm Mass concrete (19MPa) kerb restraining block, including all excavation, formwork, etc.	No	539	
<u>25 MPa precast concrete kerbs finished smooth on all exposed surfaces with top angles rounded and bedded in cement mortar in 1m lengths</u>				
20	Barrier kerbsize 150mm wide x 280mm high with one side chamfered for height of 120mm to 150mm wide at top	m	346	
<u>25MPa/19mm concrete</u>				
21	200 x 200mm deep cast in-situ edge beam including excavations	m	78	
22	75 x 150mm deep cast in-situ edge beam including excavations	m	41	
Carried to Collection				R
Section No. 4 External Works Bill No. 2 Paving Completion Health Support Complex Thabampo Hospital				

Road marking

23	paint 100mm wide white line with an approved road marking paint on paving	m	111
24	Traffic arrow 900mm long	No	6
25	Wheelchair or disable sign paint with approved paint on the paving	No	2

Road signs

26	Standard sign with post cast in and including concrete base	No	5
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Carried to Collection

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Section No. 4
 External Works
 Bill No. 2
 Paving
**Completion Health Support Complex
 Thabamoopo Hospital**

Section No. 4

Bill No. 2

Paving

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Section No. 4

External Works

Bill No. 2

Paving

Completion Health Support Complex

Thabamoopo Hospital

Item No		Quantity	Rate	Amount
	<u>BILL NO 3</u>			
	<u>COVERED WALKWAYS</u>			
	<u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	<u>Excavation in earth not exceeding 2m deep</u>			
1	Trenches	m3	68	
	<u>Extra over trench and hole excavations in earth for excavation in</u>			
2	Soft rock	m3	3	
3	Hard rock	m3	2	
	<u>Extra over all excavations for carting away</u>			
4	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	30	
	<u>Risk of collapse of excavations</u>			
5	Sides of trench and hole excavations not exceeding 1,5m deep	m2	273	
	<u>Keeping excavations free of water</u>			
6	Keeping excavations free of water		Item	
	<u>Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 93% Mod AASHTO density</u>			
7	Under floors, steps, pavings, etc	m3	48	
8	Backfilling to trenches, holes, etc	m3	30	
	Carried to Collection			R
	Section No. 4 External Works Bill No. 3 Covered Walkways Completion Health Support Complex Thabamoopo Hospital			

Earth filling of G7 material supplied by the contractor, compacted to 93% Mod AASHTO density

9 Under floors, steps, pavings, etc m3 24

Compaction of surfaces

10 Compaction of ground surface under floors etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density m2 161

11 Allow for compaction tests as required by the Engineer Item

Soil insecticide to be executed with SABS compliance by a firm of specialists under a 10 year guarantee

12 Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming m2 161

13 To bottoms and sides of trenches etc m2 340

15MPa/20mm concrete

14 Strip footings m3 7

Brickwork of NFX bricks (14 MPa nominal compressive strength) in class 1 mortar

15 One brick walls m2 102

Brickwork reinforcement

16 150mm Wide reinforcement built in horizontally m 561

Terracota face brick (PC Amount R 5000.00/1000) pointed with recessed horizontal and vertical joints

17 Extra over brickwork for face brickwork, in foundations m2 35

Carried to Collection

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Section No. 4
 External Works
 Bill No. 3
 Covered Walkways
 Completion Health Support Complex
 Thabamoopo Hospital

<u>20Mpa/20mm concrete</u>		
18	Slab cast in panels on waterproofing	m3 12
<u>Finishing top surfaces of concrete smooth with a wood float/steel trowel</u>		
19	Surface beds, slabs, etc	m2 136
<u>Expansion joints with softboard between vertical concrete and brick surfaces</u>		
20	15mm Joints not exceeding 300mm high along edges of surface beds	m 136
<u>Fabric reinforcement</u>		
21	Type 193 fabric reinforcement in concrete slabs etc	m2 136
22	One brick walls	m2 35
23	150mm Wide reinforcement built in horizontally	m 128
<u>Travertine face brick (PC Amount R 5000.00/1000) pointed with recessed horizontal and vertical joints</u>		
24	Extra over brickwork for face brickwork	m2 36
25	Coping on top of one brick wall	m 136
<u>One layer of 375 micron "Tarkon Black DPC" embossed damp proof course</u>		
26	In walls	m2 31
27	Under surface beds	m2 161

Carried to Collection

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Section No. 4
 External Works
 Bill No. 3
 Covered Walkways
**Completion Health Support Complex
 Thabamoopo Hospital**

0,6mm "Brownbuilt Supaclad" Z275 embossed galvanised steel troughed sheeting with "Chromadek" finish on one side, in single lengths fixed to steel purlins or rails and 0,6mm embossed galvanised steel accessories with "Chromadek" finish on one side

28	Roof coverings cranked along length to approximately 36m radius	m ²	262
29	Ridge capping (Code FK73) to be Brownbuilt Klip-Lok 700 550mm girth, three times bent along girth and notched on site to suit roof profile.	m	68

Welded columns, bearers, purlins, etc

30	100mm Diameter steel round columns with bottom end welded with and including 200 x 200 x 8mm base plate embedded in brick column 550mm deep (In No 68)	m	238.00
31	75 x 50 x 20 x 2,5mm x 3.85Kg/m Steel lipped channel	t	1.07
32	100 x 50 x 20 x 2,5mm x 5.33Kg/m Steel lipped channel for purlins	t	1.47
33	100 x 50 x 20 x 2,5mm Steel lipped channel for purlins with 75 x 50 x 6mm x 150mm long angle welded to the frame	t	1.06
34	75 x 50 x 6mm x 100mm Long angle welded to the end of the truss with 5mm fillet welded all around	No	68

Welded roof trusses of angle section rails, struts, braces, cleats, etc and flat section bearer, gusset and connection plates bolted to steel

35	Double pitched steel trusses 3400 x 500mm high (Refer to the attached drawing - DRW No. 18p0601/CW04)	No	34
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Prepare, etc. as specified and apply Bituseal

36	On pipe columns	m ²	35
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Section No. 4
 External Works
 Bill No. 3
 Covered Walkways
**Completion Health Support Complex
 Thabamooop Hospital**

One coat red oxide metal primer, one coat universal undercoat and two coats "Super Universal Enamel" paint (NY-1/G) on steel

37	Columns	m2	47
38	Cold rolled lipped channel bearers, edge trimmers, purlins, etc	m2	32

Carried to Collection

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Section No. 4
 External Works
 Bill No. 3
 Covered Walkways
**Completion Health Support Complex
 Thabamoopo Hospital**

Section No. 4

Bill No. 3

Covered Walkways

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Section No. 4

External Works

Bill No. 3

Covered Walkways

Completion Health Support Complex

Thabamoopo Hospital

Item
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BILL NO 4

STORMWATER CHANNEL

NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill

Concrete pipes:

Pipes shall be jointed with ogee joints with rubber collars or socket and spigot joints with rubber rings

Excavations

No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling

"Soft rock" and "hard rock" shall be as defined in "Earthworks"

Laying, backfilling, bedding, etc. of pipes

Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions

Where no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following: SABS 1200 L : Medium-pressure pipelines LD : Sewers LE : Stormwater drainage Pipe trenches etc shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200 DB : Earthworks (Pipe trenches) Pipes shall be bedded in accordance with clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200 LB : Bedding (Pipes). Unless otherwise described bedding of rigid pipes shall be class B bedding

Carried to Collection

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Section No. 4
 External Works
 Bill No. 4
 Stormwater Drainage
**Completion Health Support Complex
 Thabamoo Hospital**

In-situ cast concrete channels

1	Channel 600mm wide x 200mm deep with 150mm radius channel laid to falls in lengths not exceeding 1000mm on a well rammed bottom including excavations, formwork, etc	m	334
2	Extra for angle	No	15
3	Extra for stopped end	No	18

STORMWATER DRAINAGE

Reinforced concrete pipes interlocking jointed pipes class 50D including the trenches and class D bedding

4	300mm Pipes laid in and including trenches not exceeding 1m deep below surface beds	m	156
5	375mm Pipes laid in and including trenches not exceeding 1m deep below surface beds	m	31
6	450mm Pipes laid in and including trenches not exceeding 1m deep below surface beds	m	305

The following in No.17 catchpits, junction boxes and inlet manholes

7	Excavation not exceeding 2m deep	m3	22
8	25MPa/19mm Reinforced concrete in bottoms	m3	4
9	25MPa/19mm Reinforced concrete on top of the inlet	m3	4
10	25MPa/19mm Unreinforced concrete benching with 20mm on top of dolomitic granolithic finish	m3	2
11	Type 395 fabric reinforcement in concrete slabs etc	m2	44
12	One brick wall	m2	69
13	Plaster on brick walls	m2	70

Carried to Collection

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Section No. 4
 External Works
 Bill No. 4
 Stormwater Drainage
**Completion Health Support Complex
 Thabamoopo Hospital**

14	400 x 600mm Cast iron dished grating and frame	No	25
	<u>Precast concrete circular inspection chambers including precast concrete cover slabs and channels in benching</u>		
15	Inspection chamber 1000mm diameter and exceeding 1000mm and not exceeding 1250mm deep internally	No	5

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Section No. 4
 External Works
 Bill No. 4
 Stormwater Drainage
**Completion Health Support Complex
 Thabamoopo Hospital**

Section No. 4

Bill No. 4

Stormwater Drainage

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Section No. 4

External Works

Bill No. 4

Stormwater Drainage

Completion Health Support Complex

Thabamooop Hospital

Item No		Quantity	Rate	Amount
	<u>BILL NO 5</u>			
	<u>CARPORT (PROVISIONAL)</u>			
	<u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	<u>Excavation in earth not exceeding 2m deep</u>			
1	Holes	m3	52	
	<u>Extra over all excavations for carting away</u>			
2	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	38	
	<u>Risk of collapse of excavations</u>			
3	Sides of trench and hole excavations not exceeding 1,5m deep	m2	36	
	<u>Keeping excavations free of water</u>			
4	Keeping excavations free of water		Item	
	<u>Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 93% Mod AASHTO density</u>			
5	Backfilling to trenches, holes, etc	m3	33	
6	Allow for compaction tests as required by the Engineer		Item	
	<u>Soil insecticide to be executed with SABS compliance by a firm of specialists under a 10 year guarantee</u>			
7	To bottoms and sides of trenches etc	m2	176	
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	Section No. 4 External Works Bill No. 5 Carports Completion Health Support Complex Thabampoopo Hospital			

<u>25MPa/20mm concrete</u>				
8	Column bases (Provisional)	m3	13	
<u>0,5mm thick light industrial "Klip-Lok 406" Z275 spelter galvanised steel sheeting with Classicoat finish to one side and half coat Classicoat Grey other side and accessories fixed to steel purlins or rails</u>				
9	Roof coverings with pitches not exceeding 25 degrees	m2	589	
<u>Steel structure to carport</u>				
10	76.20mm Circular hollow section 3.5mm wall thickness bracing fixed to 12mm plate welded to fascia with 17mm hole bolted by 16mm bolt and nuts	m	153	
11	219 X 4.5mm steel column pipes to be painted with bitumen tar paint at the bottom height of 1000mm from the concrete base	m	146	
12	75 x 50 x 20 x 2mm x 3.14kg/m Lipped channel	t	1.69	
13	125 x 50 x 20 x 3mm x 5.72kg/m Lipped channel	t	0.82	
14	200 x 75 x 20 x 2.5mm x 7.29kg/m Lipped channel	t	2.93	
<u>Spot priming defects in pre-primed surfaces with red oxide metal primer, one coat universal undercoat and two coats "Super Universal Enamel" paint (NY-1/G) on steel</u>				
15	On members of lattice columns and beams	m2	193	
Carried to Collection				R
Section No. 4 External Works Bill No. 5 Carports Completion Health Support Complex Thabamopo Hospital				

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Bill No. 5

Carports

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**Completion Health Support Complex
 Thabampo Hospital**

SECTION SUMMARY - External Works

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Section No. 4
 External Works
**Completion Health Support Complex
 Thabampo Hospital**

Item No		Quantity	Rate	Amount
	<p><u>SECTION NO 4</u></p> <p><u>BILL NO 1</u></p> <p><u>PROVISIONAL AMOUNTS ETC</u></p> <p>NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>General</u></p> <p>All prime cost amounts and provisional sums are net and include for delivery to site of all articles concerned</p> <p>Sub contractors will be treated as domestic sub contractors for the purpose of this contract. They shall be selected sub contractors and the main contractor will be afforded the opportunity to reject such sub contractors prior to appointment provided reasonable justification is given</p> <p><u>Profit</u></p> <p>Where stated, the contractor may allow for profit if required</p> <p><u>General attendance upon selected sub-contractors</u></p> <p>The item "Attendance" which follows each provisional sum for selected sub-contractors work, shall be deemed to cover all the contractor's costs incurred in providing free of charge to the selected sub-contractors, the following:</p> <ol style="list-style-type: none"> 1. The services as in clause B7 of the Preliminaries 2. Making good in all trades and cleaning down and removal of rubbish on completion <p style="text-align: right;">Carried to Collection</p> <p>Section No. 5 Provisional Sums Bill No. 1 Provisional amounts etc Completion Health Support Complex Thabamoopo Hospital</p>			
			R	

Preliminaries

The contractor is referred to the Preliminaries for further amplification of "Prime Cost Amounts and Provisional Amounts"

PROVISIONAL SUMS FOR SELECTED SUB-CONTRACT WORKS

SIGNAGE

- 1 Provide the sum of R50 000,00 (Fifty thousand Rand) for signage
- 2 Profit
- 3 Attendance

Item 50,000.00

Item

Item

IRONMONGERY

- 4 Provide the sum of R120 000,00 (One hundred and twenty thousand Rand) for ironmongery
- 5 Profit
- 6 Attendance

Item 120,000.00

Item

Item

JOINERY FITTINGS

- 7 Provide the sum of R340 000,00 (Three hundred and forty thousand Rand) for joinery fittings
- 8 Profit
- 9 Attendance

Item 340,000.00

Item

Item

ALUMINIUM FITTINGS

- 10 Provide the sum of R300 000,00 (Three thousand Rand) for aluminium fittings including shopfronts by the specialist
- 11 Profit

Item 300,000.00

Item

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Section No. 5
 Provisional Sums
 Bill No. 1
 Provisional amounts etc
**Completion Health Support Complex
 Thabamopo Hospital**

12	Attendance	Item	
	<u>STEEL ROOF STRUCTURE</u>		
13	Provide the sum of R992 075.00 (Nine hundred ninety two thousand and seventy five Rand) for steel roof structure	Item	992,075.00
14	Profit	Item	
15	Attendance	Item	
	<u>GREASE TRAP</u>		
16	Provide the sum of R200 000,00 (Two hundred thousand Rand) for Grease trap by the specialist	Item	200,000.00
17	Profit	Item	
18	Attendance	Item	
	<u>ELECTRICAL, ELECTRONICAL AND MECHANICAL INSTALLATION</u>		
	<u>ELECTRICAL INSTALLATION</u>		
19	Provide the amount of R4,860,000.00 (four Million eight hundred sixty thousand rand) for electrical installation to the buildings and site by Specialists	Item	4,860,000.00
20	Profit	Item	
21	Attendance	Item	
	<u>BULK ELECTRICAL UPGRADE</u>		
22	Provide the amount of R3,900,000.00 (Three million nine hundred thousand Rand) for bulk electrical upgrade to the various buildings and site by Specialists	Item	3,900,000.00
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23	Profit	Item	
24	Attendance	Item	
<u>HEATING, VENTILATION AND AIR CONDITIONING INSTALLATION</u>			
25	Provide the amount of R4,600,000.00 (Four million six hundred thousand rand) for air conditioning installation to the buildings and site by Specialists	Item	4,600,000.00
26	Profit	Item	
27	Attendance	Item	
<u>HOT WATER STORAGE AND RETICULATION</u>			
28	Provide the sum of R1,500,000.00 (One million five hundred thousand rand) for hot water storage and reticulations	Item	1,500,000.00
29	Profit	Item	
30	Attendance	Item	
<u>FIRE DETECTIONS</u>			
31	Provide the sum of R490 000,00 (Four hundred ninety thousand Rand) for fire detections	Item	490,000.00
32	Profit	Item	
33	Attendance	Item	
<u>FIRE HOSE REELS AND HYDRANTS</u>			
34	Provide the sum of R560,000.00 (Five hundred sixty thousand Rand) for fire detections	Item	560,000.00
35	Profit	Item	
36	Attendance	Item	
Carried to Collection			R
Section No. 5 Provisional Sums Bill No. 1 Provisional amounts etc Completion Health Support Complex Thabamoopo Hospital			

INDOOR HYDROTHERAPY POOL AND THE ACCESSORIES

37 Provide the amount of R2,200,000.00 (Two million two hundred thousand Rand) for swimming pool including pool accessories by Specialists

Item 2,200,000.00

38 Profit

Item

39 Attendance

Item

BUDGETARY ALLOWANCES

COMMUNITY LIASON OFFICER

40 Allow the Budgetary Amount of R100 000.00 (One hundred thousand Rand) NET for the employment of a community liasons officer required for labour requirements by the contractor and deducted in whole part if not required (Specification for appointment of the community liasons officer to be furnish by the principal agent to the contractor)

Item 100,000.00

SUNDRY BUILDERS WORK

41 Allow the Budgetary Amount of R50 000.00 (Fifty thousand Rand) NET for sundry builders work to be executed by the contractor and deducted in whole part if not required

Item 50,000.00

ABNORMAL GROUND CONDITIONS

42 Allow the Budgetary Amount of R 200 000-00 (Two hundred thousand Rand) NET for additional works required due to abnormal ground conditions to be executed by the contractor and deducted in whole part if not required

Item 200,000.00

SPECIAL CONDITIONS

43 Provide the amount of R1000 000.00 (One million Rand) for fluctuations in cost

Item 1,000,000.00

Carried to Collection

R

Section No. 5
Provisional Sums
Bill No. 1
Provisional amounts etc
**Completion Health Support Complex
Thabamoopo Hospital**

CONTINGENCY SUM

44 Allow the amount of R1,000,000.00 (One million Rand)
 Contingencies for building work, to be used as directed
 by the principal agent and deducted in whole or in part if
 not required

Item

1,000,000.00

Carried to Collection

R

Section No. 5
 Provisional Sums
 Bill No. 1
 Provisional amounts etc
**Completion Health Support Complex
 Thabamoopo Hospital**

Section No. 5

Bill No. 1

Provisional amounts etc

COLLECTION

Total Brought Forward from Page No.

Page
No
133
134
135
136
137
138

Amount

Carried to Final Summary

R

Section No. 5
 Provisional Sums
 Bill No. 1
 Provisional amounts etc
**Completion Health Support Complex
 Thabamoopo Hospital**

Section No	<u>FINAL SUMMARY</u>	Page No	Amount
1	Preliminaries	40	
2	Alterations	44	
3	Buildings	110	
4	External Works	132	
5	Provisional Sums	139	
	Sub-total		R
	Value Added Tax @ 15%		R
	Carried to Form of Tender		R
	Completion Health Support Complex Thabamoopo Hospital		

OCCUPATIONAL HEALTH & SAFETY SPECIFICATION

OCCUPATIONAL HEALTH & SAFETY SPECIFICATION

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1. Introduction

In terms of the Construction Regulations promulgated under the Occupational Health and Safety Act (Act no. 85 of 1993), the Client or its Agent is required to compile an occupational health and safety specification for any intended project classified as construction work and to provide the specification to prospective tenderers.

Compliance to the requirements of the Occupational Health and Safety Act 85 of 1993 is in addition to the requirements of this Health and Safety Specification.

2. Definition

“Agent” –

means any person who acts as a representative for a client;

“Client” –

means any person for whom construction work is performed;

“Construction Work” is defined as any work in connection with –

- (a) the erection, maintenance, alteration, renovation, repair, demolition or dismantling of or addition to a building or any similar structure;
- (b) the installation, erection, dismantling or maintenance of a fixed plant where such work includes the risk of a person falling;
- (c) the construction, maintenance, demolition or dismantling of any bridge, dam, canal, road, railway, runway, sewer or water reticulation system or any similar civil engineering structure; or
- (d) the moving of earth, clearing of land, the making of an excavation, piling, or any similar type of work;

“Contractor” –

means an employer, as defined in Section 1 of the Act, who performs construction work and includes Principal Contractors;

“Health and Safety File” –

means a file, or other record in permanent form, containing the information required or contemplated in the regulations;

“Health and Safety Plan” –

means a documented plan which addresses hazards identified and includes safe work procedures to mitigate, reduce or control the hazards identified;

“Health and Safety Specification” –

means a documented specification of all health and safety requirements pertaining to the associated works on a construction site, so as to ensure the health and safety of persons;

○
"Method Statement" –

means a document detailing the key activities to be performed in order to reduce as reasonably as practicable the hazards identified in any risk assessment;

"Principal Contractor" –

means an employer, as defined in section 1 of the Act who performs construction work and is appointed by the client to be in overall control and management of a part of or the whole of a construction site;

"Risk Assessment" –

means a program to determine any risk associated with any hazard at a construction site, in order to identify the steps needed to be taken to remove, reduce or control such hazard.

3. Purpose

The purpose of this site specific Health and Safety Specification is to address the reasonable and foreseeable aspects of occupational health, safety and environmental management which will be affected by this construction work, and to comply with legal requirements.

The Contractor must take into account all information in this specification to ensure that their tender includes adequate resource and relevant competence to carry out this construction work. The contractor must ensure that all costs related to compliance with Occupational Health Act 85 of 1993 and the Construction Regulations 2014, as well as this Health and Safety Specification, are taken into consideration at Tender stage.

4. Background

Due to poor practices and high levels of reportable incidents in the past, it is required that highest levels of health and safety standards be maintained throughout the construction period. The Client, contractor and all other parties involved in this project are committed to ensure that these highest Health and Safety standards will be maintained.

5. Implementation

This Health and Safety Specification forms an integral part of the Contract. Contractors shall also make it an integral part of their Contracts with their Sub Contractors. The successful Contractor will be required to compile a Health and Safety Plan based on the requirements of the Occupational Health Act 85 of 1993 and these Specifications, which will need to be approved by Client prior to commencement with construction work.

6. Management and Supervision of Construction Work

6.1 Principal Contractor's Safety Management Plan

The principal contractor appointed by the Client in terms of the Construction Regulations (2014) shall prepare an occupational health and safety plan adhering to the requirements contained in the provided

Health and Safety Specification. This plan shall be prepared in terms of the Occupational Health and Safety Act (Act no. 85 of 1993) and Construction Regulation (2014) and be specific to this project
The Client and the contractor shall agree on the occupational health and safety plan before any work may commence on site.

6.2 Minimum contents of the Health and Safety File

As required by the Construction Regulations (2014), the principal contractor and sub-contractor/s will each keep a project specific Health and Safety File on site containing the following minimum documentation:

- Approval letter by the Client on contents of Health and Safety Management Plan;
- Notification of construction work to the relevant Department of Labour (stamped)
- Scope of work to be performed;
- Occupational Health & Safety Policy and other Policies;
- Updated copy of the Occupational Health and Safety Act (Act no. 85 of 1993) and its Regulations.
- Updated copy of the Compensation for Occupational Injuries and Diseases Act (Act no. 130 of 1993) and its Regulations;
- Proof of registration and good standing with the Compensation Commissioner or another licensed Insurer;
- Risk Assessments
- A list of contractors (sub-contractors) including copies of the agreements between the parties and the type of work being done by each contractor;
- Copies of occupational health and safety committee meetings and other relevant minutes;
- Copies of written designations and appointments of competencies;
- Management structure (inclusive of OH&S responsibility & meeting structure);
- Induction training and site safety rules;
- Occupational health and safety training;
- Arrangements with contractors and/or mandataries;
- Description of security measures;
 - Accident and/or incident register;
 - Occupational health and safety representative inspection register;
 - Construction vehicles and mobile plan inspections;
 - Daily inspections of excavations by competent person;
 - Record of entry to confined space;
 - Record of training;
 - Record of toolbox talks
 - Inspection and maintenance of explosive powered tools;
 - Fall protection inspections;
 - First-aid box content;
 - Record of first-aid treatment;
 - Fire equipment inspection and maintenance;
 - Record of hazardous chemical substances kept and used on site;
 - Ladder inspection;

- Inspection of excavation
- Inspection of stacking and storage;
- Inspection of housekeeping and general safeguarding on construction site
- Inspection of construction employees' facilities
- Records of issuing of Personal Protective Equipment;
- Monthly reporting and recording of statistics;
- Emergency preparedness and response programmes;
- Investigation and reporting of incidents and/or accidents to the Client and Department of Labour/Compensation Commissioner
- All other applicable records.

***Note:** The contractor shall hand over the consolidated health and safety file to the client on completion of the construction work (include drawings, designs, materials used, etc.)

7. Organogram

The Contractor shall submit an organogram, prior to construction work commencement, outlining the Health and Safety Site Team that will be assigned to the project.

7.1 Construction Manager

The contractor must in writing appoint one full-time competent person as the construction manager with the duty of managing all the construction work on a single site, including the duty of ensuring occupational health and safety compliance, and in the absence of construction manager an alternate must be appointed by the principal contractor.

No construction manager appointed under sub regulation 8(1) may manage any construction work on or in any construction site other than the site in respect of which he or she has been appointed. A construction manager must in writing appoint construction supervisor/s responsible for construction activities and ensuring occupational health and safety compliance on the construction site.

7.2 Construction Supervisor

The construction supervisor and/or assistant construction supervisor/s appointed in terms of the Construction Regulations (2014) are responsible for supervising the construction work which he or she has been appointed and especially to ensure that all work undertaken complies with the requirements of the Occupational Health and Safety Act (Act no. 85 of 1993) and all other applicable legislative requirements and regulations.

***This construction site shall not be left without supervision.**

7.3 Construction Safety Officer

The Principal contractor must appoint a **full time** construction health and safety officer in writing to assist in the control of all health and safety related aspects. The appointed Construction Safety Officer must have relevant qualifications and relevant construction safety experience.

8. Appointment and functions of the Safety Committee

The principal contractor must establish an occupational health and safety committee consisting of all the designated occupational health and safety representatives together with a number of management representatives. The management representatives shall not exceed the number of occupational health and safety representatives on the committee. The members of the occupational health and safety committee must be appointed in writing.

The occupational health and safety committee must meet at least **once** per 2 months and will consider, at least, the following agenda items:

1. Opening and welcome;
2. Members present, apologies and absent;
3. Minutes of previous meeting;
4. Matters arising from the previous meeting;
5. Outcomes of previous audit and behavioural based safety inspections;
6. Incident and/or accident reports and investigations;
7. Incident, accident and/or injury statistics;
8. Health and Safety Plan (revisions and new requirements);
9. Training (awareness, competence);
10. Emergency Preparedness Plan;
11. Non-Conformances and notices;
12. Toolbox Talks;
13. Close and next meeting.

9. Risk Assessment

Risk assessments shall identify occupational health and safety hazards and risks and environmental aspects and impacts emanating from this project.

The risk assessment (inclusive of impact assessment) shall include (at a minimum):

- Identification of the relevant Project with regard to Project number, Project name and area;
- Date on which risk assessments were conducted/reviewed;
- The identification of the risks/hazards and aspects/impacts to which persons may be exposed to per activity;
- An analysis and evaluation of the risks and hazards and aspects/impacts identified on a documented method;
- Existing control measures and proposed corrective measures

- A plan to review the risk assessments as the work progresses and changes are introduced;
- A documented plan and Safe Working Procedures (SWP)', and its relevance to the risk assessment, to mitigate, reduce or control the risks and hazards that have been identified;
- A plan to monitor the application of the Safe Working Procedures (SWP);
- Signature of appointed competent person conducting risk assessment; and
- Signature of management and employees involved in risk assessment.
- Review plan;

The risk assessments, together with the site-specific occupational health and safety rules, shall be submitted before mobilisation on site commences. These must be included in the health and safety plan. The contractor shall ensure through his risk management process the hierarchy of controls stipulated as follows, are implemented;

- **Eliminate** - The complete elimination of the hazard.
- **Substitute** - Replacing the material or process with a less hazardous one.
- **Redesign** - Redesign the equipment or work process.
- **Separate** - Isolating the hazard by guarding or enclosing it.
- **Administrate** - Providing control such as training, procedures etc.
- **Personal Protective Equipment (PPE)** - Use of appropriate and properly fitted PPE where other controls are not practical. (PPE as the last resort)

i. Baseline risk assessments

The Client is required to prepare a baseline risk assessment before the commencement of construction activities. The hazards and risk to which persons, plant, vehicles and facilities may be exposed during the construction shall be identified and evaluated. The aspects and impacts resulting in environmental pollution or degradation shall also be identified and evaluated. Measures to reduce or control these risks or hazards must be defined during this assessment. The contractor shall ensure that all employees under his or her control are informed instructed and trained by a competent person regarding any hazard and the related work procedure and or control measure before any work commences, and thereafter at the times determined in the risk assessment monitoring and review plan of the relevant site.

The contractor shall ensure that all sub-contractors are informed regarding any hazard that are stipulated in the risk assessment before any work commences, and thereafter at the times that may be determined in the risk assessment monitoring and review plan. The contractor shall ensure that copies of the risk assessment of the relevant site are available on for inspection by an Inspector, the Client, the Client's Agent, any sub-contractor/s, any employee, a health and safety representative or any member of the health and safety committee.

The Client shall review the relevant risk assessment where changes are effected to the design and/or construction that result in a change to the risk profile or when an incident has occurred. The effectiveness of

the measures defined and the baseline risk assessment prepared shall be monitored and reviewed from time to time to ensure that it remains relevant and accurate.

10. Medical Fitness Certificate

The contractor must ensure that their employees on site have a valid medical certificate of fitness, specific to the construction work being performed, issued by an occupational health practitioner in the form of Annexure 3.

11. Training

The principal contractor and its sub-contractor/s shall ensure that all its employees are adequately trained and experienced to perform their work. Where semi-skilled employees are employed, adequate supervision must be available to maintain standards of work and to ensure compliance with Health and Safety standards on this project.

11.1 Site-specific Induction

The contractor may under any circumstances allow or permit any employee or person to enter site unless they have undergone health and safety induction training pertaining to the hazards prevalent on site at the time of entry. This includes visitors to site. The Contractor must ensure that visitors to site have the necessary protective equipment (PPE). Records of induction must be kept in the safety file.

11.2 Toolbox Talks

The contractor shall conduct toolbox talks with their employees on **weekly** basis and records of these must be kept in the safety file. Employees must acknowledge the receipt of toolbox talks and this record must also be kept in the Safety file

11.3 Other training

All operators, drivers and users of construction vehicles, mobile plant and other equipment are to be in possession of valid proof of training and, where applicable, valid licenses. All employees in jobs requiring training in terms of the Occupational Health and Safety Act (Act no 85 of 1993) and any other applicable legislative requirements are to be in possession of valid proof of training.

11.4 Competence

The contractor must ensure that his personnel are trained and competent to carry out work safely and without risk to health before work commences. Follow-up and refresher training shall be conducted as the work progresses and whenever the scope or nature of the work changes. Records of all training must be kept in the Safety File.

12. Communication and Consultation

12.1 Notification of construction work

The Principal contractor shall, before carrying out any work, notify the Department of Labour in writing 7 days prior, of any construction work that involves:

- a) excavation work;
- b) working at a height where there is risk of falling;
- c) demolition of a structure;

Only a certified copy stamped by the Department of Labour will be acceptable. No faxed or emailed notifications will be accepted. No work shall commence before notification of construction work has been done to the relevant Department of Labour by the principal contractor. The Client will not approve the Safety File if no notification of construction work has been done.

12.2 Consultative forums

The following arrangements with respect to communication and liaison shall apply:

- Occupational health and safety liaison between The Client, The Principal contractor, the sub-contractor/s, the designer and other concerned parties will be through the occupational health and safety committee
- In addition to the above, communication may be directly to The Client, The Principal contractor or sub-contractor/s, verbally or in writing, as and when the need arises.
- Consultation with the workforce on occupational health, safety and environmental matters will be through their supervisors, occupational health and safety officer or/and the occupational health and safety committee
- The contractor will be responsible for the dissemination of all relevant occupational health, safety and environmental information to the sub-contractor/s. The transfer of information must take place before the contractor or sub-contractor/s commence work, for example, on design changes agreed with the Client and the designer, exchange of information between contractors, the reporting of hazardous and/or dangerous conditions and/or situations etc.

12.3 Contractor / Mandatory control

Whenever the principal contractor appoints sub-contractors, it is a requirement that an Occupational Health and Safety Act (Act no. 85 of 1993) Section 37(2) agreement (i.e. Agreement with Mandatory) is included in his agreement with the sub-contractor.

13. Site Security & Access Control

The contractor must establish site access rules and implement and maintain these throughout the construction period. Access control must, amongst other, include the rule that every person entering the construction site must sign the register at the entrance indicating the following:

- Surname and Name
- Id number
- Vehicle registration number
- From which company
- Reason for entering the construction site
- Time in and Time out
- Signature

Non-employees will not be allowed on site unaccompanied. These rules and procedures must be maintained throughout the construction period. The contractor shall provide a **guard house** for a security working during the day and at night if recommended. The guard house should be in good condition and at-least meet minimum requirements as per environmental regulations for workplaces.

14. Fall protection

The contractor must ensure that employees are protected from falling into open excavations.

15. Construction vehicles and mobile plant

Construction vehicles and mobile plant will be inspected by the appointed person prior to being allowed on a project site. Suppliers of hired vehicles, plant and equipment will be required to comply with this specification as well as the Occupational Health and Safety Act (Act no. 85 of 1993) and Construction Regulations (2014).

Construction vehicles and mobile plant to be:

- Of acceptable design and construction;
- Maintained in good working order;
- Used in accordance with their design and intention for which they were designed having due regard to safety and health;
- Operated and/or driven by trained, certified competent and in possession of proof of competency and is authorised in writing to operate those construction vehicles and mobile plant. A person who has a medical certificate of fitness to operate those construction vehicles and mobile plant, issued by an occupational practitioner in the form of Annexure 3
- Provided with safe and suitable means of access and egress;
- Fitted with properly organised and controlled in any work situation by providing adequate signalling devices or other control arrangements to guard against the dangers relating to the movement of vehicles and plant in order to ensure that their continued safe operations.
- are prevented from falling into excavations, water or any other area lower than the working surface by installing adequate edge protection, which may include guardrails and crash barriers;
- Fitted with structures designed to protect the operator from falling material or from being crushed should the vehicle or mobile plant overturn;
- Equipped with an acoustic warning device which can be activated by the operator;
- Equipped with an automatic acoustic reversing alarm; and

- Inspected by the authorised operator or driver on a daily basis using a relevant checklist prior to use and that the findings of such inspection are recorded in a register kept in the construction vehicle or mobile plant.

The contractor must ensure that –

- (a) No person rides or is required or permitted to ride on a construction vehicle or mobile plant otherwise than in a safe place provided thereon for that purpose;
- (b) Every construction site is organized in such a way that, as far as is reasonably practicable, pedestrians and vehicles can move safely and without risks to health;
- (c) The traffic routes are suitable for the persons, construction vehicles or mobile plant using them, are sufficient in number, in suitable positions and of sufficient size;
- (d) Every traffic route is, where necessary, indicated by suitable signs;
- (e) All construction vehicles and mobile plant left unattended at night, adjacent to a public road in normal use or adjacent to construction areas where work is in progress, have appropriate lights or reflectors, or barricades equipped with appropriate lights or reflectors, in order to identify the location of the vehicles or plant;
- (f) All construction vehicles or mobile plant when not in use, have buckets, booms or similar appendages fully lowered or blocked, controls in a neutral position, motors stopped, wheels chocked, brakes set and ignition secured;
- (g) Whenever visibility conditions warrant additional lighting, all mobile plant are equipped with at least two headlights and two taillights when in operation;
- (h) Tools, material and equipment are secured and separated by means of a physical barrier in order to prevent movement when transported in the same compartment with employees;
- (i) Vehicles used to transport employees have seats firmly secured and adequate for the number of employees to be carried; and

16. Symbolic Signage

The contractor shall use mandatory and prescribed symbolic safety signs at their lay down and site areas.

The display of the following signs is mandatory:

- "Eye Protection" symbolic signs shall be displayed at all grinding machines and at any area where it is mandatory to wear eye protection or where there is danger of an eye injury being sustained.
- "Ear Protection" symbolic signs shall be displayed at all areas where there is a danger of noise induced hearing loss being sustained.
- All toilets or urinals shall be marked in a conspicuous place with painted or stencilled letters to indicate the sex for which they are intended.
- The location of every first aid box is to be clearly indicated by means of a sign.
- In any room, cabinet or enclosure where flammable substances are used or stored shall be fixed a suitable and conspicuous sign prohibiting smoking or the use of naked flames in the area.
- Emergency contact telephone numbers.

- Adequate fire fighting equipment signs.
- "Excavations in progress"
- Warning notices at openings through which people may fall.

17. Use and temporary storage of flammable liquids on construction sites

The contractor must ensure that, in addition to compliance with the provisions for the use and storage of flammable liquids in the General Safety Regulations, 2003, ensure that:

- Where flammable liquids are being used, applied or stored at the workplace concerned, it is done in a manner that does not cause a fire or explosion hazard, and that the workplace is effectively ventilated;
- No person smokes in any place in which flammable liquid is used or stored, and the contractor must affix a suitable and conspicuous notice at all entrances to any such areas prohibiting such smoking;
- An adequate amount of efficient fire-fighting equipment is installed in suitable locations around the flammable liquids store with the recognized symbolic signs;
- Only the quantity of flammable liquid needed for work on one day is taken out of the store for use;
- All containers holding flammable liquids are kept tightly closed when not in actual use and, after their contents have been used up, are removed from the construction site and safely disposed of;
- Where flammable liquids are decanted, the metal containers are bonded and earthed; and
- No flammable material, including cotton waste, paper, cleaning rags or similar material is stored together with flammable liquids.

18. Fuel Storage

No petrol shall be stored in drums in excess of a total of two hundred litres in any building or other place except with the prior written approval of the Department of Labour Chief Inspector. Every storage tank provided at any filling station on the surface for the purpose of containing petrol or fuel oil shall be suitably constructed to an acceptable standard that would ensure the safe storage thereof. Suitable means for fire fighting shall be installed at a safe location for the extinguishing of fire in the event of an incident. Fire equipment supply shall be appropriate to the quantity being stored.

19. Housekeeping and General Safeguarding on Construction Sites

The Contractor must, in addition to compliance with the Environmental Regulations for Workplaces, 1987, promulgated by Government Notice No. R. 2281 of 16 October 1987, ensure that suitable housekeeping is continuously implemented on each construction site, including:

- The proper storage of materials and equipment;
- The removal of scrap, waste and debris at appropriate intervals;

- Ensuring that materials required for use, are not placed on the site so as to obstruct means of access to and egress from workplaces and passageways;
- Ensuring that materials which are no longer required for use, do not accumulate on and are removed from the site at appropriate intervals;
- Ensuring that construction sites in built-up areas adjacent to a public way are suitably and sufficiently fenced off and provided with controlled access points to prevent the entry of unauthorized persons; and

20. Stacking and storage on construction site

The contractor shall provide a suitable and adequate lock-up store for the storage of items, equipment and material, which would be damaged or pilfered if stored in the open. The contractor is responsible for the proper storage and maintenance of all equipment until issue of the Certificate of Practical Completion.

The contractor must, in addition to compliance with the provisions for the stacking of articles in the General Safety Regulations, 2003, ensure that:

- A competent person is appointed in writing with the duty of supervising all stacking and storage on a construction site;
- Adequate storage areas are provided;
- There are demarcated storage areas; and
- Storage areas are kept neat and under control.

All equipment and materials will be stored on suitable wood poles or pallets which will not protrude more than a meter from any of the stored material. Safe access ways shall be maintained between all stored items preventing employees from having to climb over or under equipment to retrieve the necessary.

21. Employees' facilities

(1) The contractor must, in addition to the construction site provisions in the Facilities Regulations, 2004, promulgated by Government Notice No. R. 924 of 3 August 2004, provide at or within reasonable access of every construction site, the following clean, hygienic and maintained facilities:

- (a) At least one sanitary facility for each sex and for every 30 workers;

22. Personal and other Protective Equipment

Employees do not have the right to refuse to use and/or wear the equipment prescribed by the employer and, if it is impossible for an employee to use or wear the prescribed protective equipment through health or any other reason, the employee cannot be allowed to continue working under the hazardous condition(s) for which the equipment was prescribed.

All employees shall, as a minimum, be required to wear the following personal protective:

- Protective overalls;

- Protective footwear;
- Protective hand gloves;
- Protective headwear; and
- Eye, face and ear protection.

Personal protective equipment should, however, be the last resort and there should always first be an attempt to apply engineering and other solutions to mitigating hazardous situations before the issuing of personal protective equipment is considered.

PPE issue register must be kept in the safety file.

23. Portable electrical tools and equipment

Portable electrical tools and equipment includes every unit that takes electrical power from a 15 ampere plug point and is moved around for use in the workplace for example; drills, saws, grindstones, portable lights, etcetera. Other electrical appliances such as fridges, hotplates, heaters, and etcetera must be inspected and maintained to the same standards as portable electrical tools and appliances.

The use, inspection and maintenance of portable electrical tools and equipment shall be as follows:

- Regular inspections must be carried out by a competent person appointed in writing;
- Inspection results must be recorded in a register;
- Only competent authorised persons are allowed to use portable electrical tools and equipment; and
- The correct protective equipment must be worn or used whilst operating portable electrical tools and equipment.

This equipment -

- Must be maintained in good condition at all times to prevent an electrical shock to the user;
- The main power source should incorporate an earth leakage protection device or receive power through a double wound transformer or be double insulated and clearly marked as such; and
- All equipment must be fitted with a switch to allow for safe and easy starting and stopping.

24. Public health and safety

The contractor is responsible for ensuring that surrounding community shall be made aware of the dangers likely to arise from on site activities and the precautions to be observed to avoid or minimize those dangers.

This includes:

- Non- employees entering the site for whatever reason;
- The surrounding community; and
- Passers-by the site.

Appropriate signage must be posted to this effect and all employees on site must be instructed to ensure that non-employees are protected at all times. All non-employees entering the site must receive induction into the hazards and risks of the site and the control measures to be observed.

25. Excavations

The contractor must:

- (a) Ensure that all excavation work is carried out under the supervision of a competent person who has been appointed in writing for that purpose; and
- (b) Evaluate, as far as is reasonably practicable, the stability of the ground before excavation work begins.

Every Contractors who performs excavation work must take reasonable and sufficient steps in order to prevent, as far as is reasonably practicable, any person from being buried or trapped by a fall or dislodgement of material in an excavation. May not require or permit any person to work in an excavation which has not been adequately shored or braced: Provided that shoring and bracing may not be necessary where:

- (i) The sides of the excavation are sloped to at least the maximum angle of repose measured relative to the horizontal plane; or
- (ii) Such an excavation is in stable material: Provided that:
 - (a) permission has been given in writing by the appointed competent person contemplated in sub regulation (1) upon evaluation by him or her of the site conditions;
 - (b) where any uncertainty pertaining to the stability of the soil still exists, the decision from a professional engineer or a professional technologist competent in excavations is decisive and such a decision must be noted in writing and signed by both the competent person contemplated in sub regulation (1) and the professional engineer or technologist, as the case may be;
 - (c) Must take steps to ensure that the shoring or bracing contemplated in paragraph (b) is designed and constructed in a manner that renders it strong enough to support the sides of the excavation in question;
 - (d) Must ensure that no load, material, plant or equipment is placed or moved near the edge of any excavation where it may cause its collapse and consequently endangers the safety of any person, unless precautions such as the provision of sufficient and suitable shoring or bracing are taken to prevent the sides from collapsing;
 - (e) Must ensure that where the stability of an adjoining building, structure or road is likely to be affected by the making of an excavation, steps are taken to ensure the stability of such building, structure or road and the safety of persons;
 - (f) Must cause convenient and safe means of access to be provided to every excavation in which persons are required to work, and such access may not be further than six meters from the point where any worker within the excavation is working;

(g) Must ascertain, as far as is reasonably practicable, the location and nature of electricity, water, gas or other similar services which may in any way be affected by the work to be performed, and must before

the commencement of excavation work that may affect any such service, take the steps that are necessary to render the circumstances safe for all persons involved;

(h) Must ensure that every excavation, including all bracing and shoring, is inspected –

(i) daily, prior to the commencement of each shift;

(ii) after every blasting operation;

(iii) after an unexpected fall of ground;

(iv) after damage to supports; and

(v) after rain, by the competent person contemplated in sub regulation (1), in order to ensure the safety of the excavation and of persons, and those results must be recorded in a register kept on site and made available on request to an inspector, the client, the client's agent, any other contractor or any employee;

(i) Must cause every excavation which is accessible to the public or which is adjacent to public roads or thoroughfares, or whereby the safety of persons may be endangered, to be –

(i) Adequately protected by a barrier or fence of at least one metre in height and as close to the excavation as is practicable; and

(ii) provided with warning illuminants or any other clearly visible boundary indicators at night or when visibility is poor, or have resort to any other suitable and sufficient precautionary measure where sub-paragraph (i) and (ii) are not practicable;

(j) Must ensure that all precautionary measures stipulated for confined spaces as determined in the general safety regulations, 2003, are complied with by any person entering any excavation;

(k) Must, where the excavation work involves the use of explosives, appoint a competent person in the use of explosives for excavation, and must ensure that a method statement is developed by that person in accordance with the applicable explosives legislation; and

(l) Must cause warning signs to be positioned next to an excavation within which or where persons are working or carrying out inspections or tests.

Where areas are unsafe, they should be enclosed with barricading. Examples are Man at work, Narrow, Arrow etc. Where there is a risk of injury, the area should be barricaded off with secure solid barricades. The barricade must be constructed a minimum of 1,5m away from the area. Barricading for the prevention of access into areas with a potential risk of injury shall as a minimum be constructed of a hand-rail, knee-rail and appropriately supported as to prevent any person from falling into the restricted/risk area.

All physical barricades shall be covered with netting ensuring visibility by personnel and operators of machinery. Appropriate signage shall be affixed to the barricade indicating the risk associated (i.e. deep excavation, lifting operations etc.) and the responsible Supervisor and contact details shall be displayed. All

barricading shall have a “No Entry” signs on all sides and at each change of direction. Signage shall be placed at 20 m intervals where lengths exceed. All signage shall be a minimum size of 290 mm x 290 mm.

Danger tape shall not be utilised to prevent personnel from entering into areas. Where no risk exist of injury to personnel such as stacking and storage areas, the use of wire for hand and knee rails with snow netting shall be acceptable to demarcate the area. All barricades will have a dedicated entrance where it is required that personnel enter the areas.

It is the contractor’s responsibility to remove all redundant barricades directly after use. The Safety Officer will maintain a marked-up site plan indicating where barricades are erected.

26. Traffic precautions

No open manhole in streets, lanes or any place where the public or other persons have access shall be left unguarded. The necessary road signs and speed limitation boards must also be in place. Any construction area must have all barricading requirements and a person assigned as flagman in every entrance to the site.

27. Hand Tools

The contractor must inspect all hand tools before it is brought onto the site.

- ✚ As far as possible all hand tools must be numbered and placed on register to be inspected monthly by a person designated to do so.
- ✚ Any tools found to be in an unsafe condition must immediately be removed from service and either discarded or rectified.
- ✚ No chisels with “mushroomed” heads must be used.
- ✚ No hammer shall be used with a cracked or damaged handle.
- ✚ All files must be fitted with handles.
- ✚ All trolleys, pushcarts, etc. used on site must be identifiable, placed on register and inspected at least once every month.
- ✚ Non-sparking tools must be used in areas where the risk of fire or explosion is present.
- ✚ No home-made hand tools are allowed on the project.
- ✚ All tools shall be attached to a suitable lanyard when utilised in elevated positions

28. Barricading

Solid barricades will be used where it is applicable, snow netting will be accepted where practical. The barricade must be constructed a minimum of 1,5m away from the area. All physical barricades shall be covered with netting ensuring visibility by personnel and operators of machinery.

Appropriate signage shall be affixed to the barricade indicating the risk associated (i.e. deep excavation, lifting operations etc.) and the responsible Supervisor and contact details shall be displayed. All barricading

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29. Environmental Conditions

The Contractor must be mindful of adverse weather conditions upon the health and safety of the workforce. This includes inclement weather, strong wind, heat stress, extreme cold, etc. The Contractor's risk assessment process must take into account the risks associated with such weather conditions. The same is true when working in an environment where there is a risk to employees' health and safety from presence of poisonous flora, or wildlife (including bees, snakes, etc). The Contractor's risk assessment process must take these risks into account.

30. Occupational Health

Exposure of workers to occupational health hazards and risks are very common in any work environment, especially in construction. Occupational health hazards and risks exposure is a major problem and all Contractors are to ensure that proper health and hygiene measures are put in place to prevent exposure to these hazards and risks.

The occupational hazards and risks may enter the body in three ways:

- Inhalation through breathing e.g. cement dust;
- Ingestion through swallowing maybe through food intake;
- Absorption through the skin (pores) e.g. painting or use of thinners.

The contractor is required to ensure that all his personnel are medically fit prior to being allowed onto the work site.

***Corona Virus** – The contractor must ensure that employees are made aware and informed of this deadly Virus. Toolbox talks must include precautionary measures against this virus.

31. Emergency preparedness, contingency planning and response

The contractor must appoint a competent person to act as emergency controller and/or coordinator.

The contractor must conduct an emergency identification exercise and establish what emergencies could possibly develop. The contractor must then develop detailed contingency plans and emergency procedures.

The contractor must hold regular practice drills of contingency plans and emergency procedures to test them and familiarise employees with them.

32. First-aid

The contractor must provide first-aid equipment and have a **qualified first-aid**er on site as required by General Safety Regulations promulgated in terms of the Occupational Health and Safety Act (Act no. 85 of 1993). Proper plans for speedy and timeous transporting of injured and/or ill person(s) to a medical facility or of getting emergency medical aid to person(s) who may require it must be in place.

The contractor must have written arrangements in place with his sub-contractor/s regarding the responsibility towards their own injured and/or ill employees.

33. Monthly OH&S reporting

The contractor is required to provide the Client with a **monthly** Safety Report.

34. Medical screening

The contractor must ensure that medical screening is conducted to:

- Any employee exposed to hazards and risks or operating machinery where any legislative requirement requires medical surveillance;
- Any employee exposed hazardous chemical hazards.
- Any employee exposed to Coronavirus

35. Safe Work Behaviour and Behavioural Observations

The contractor and his employees, including those of his sub-contractor/s, must observe and comply with the requirements of all relevant Government Acts, Rules and Regulations including, but not limited to, the Occupational Health & Safety Act, Construction Regulations (2014).

- A total of **two** Planned Task/Job Observations shall be completed and logged on site by each manager, supervisor and foreman on a Weekly basis.
- It's the construction Manager's responsibility to ensure action plans are in place and closed out accordingly on areas that requires attention.

35.1 Monthly compliance assessment

The Client will conduct a monthly assessment in terms of Construction Regulations to confirm that the contractor has implemented and is maintaining the agreed and approved SHE management plan.

Other assessments and inspections

The Client reserves the right to conduct other ad-hoc assessments and inspections as deemed necessary. This may include, amongst other measures, site safety walks.

35.2 Conducting an assessment

A representative of the contractor must accompany the Health and Safety Consultant on all assessments and inspections and may conduct his own inspection at the same time. Each party will process the results of their own assessment or inspection through their normal channels.

35.3 Contractor's assessments and inspections

The contractor is to conduct his own internal assessments and inspections to verify compliance with his own occupational health and safety plan and management system as well as compliance with the requirements of this specification. He will also assess and inspect the compliance of sub-contractor/s under his control.

35.4 Inspections by occupational health and Safety Officer

Occupational health and safety officer must conduct **weekly** inspections and report thereon to the construction manager, supervisor/s. Other appointees must conduct inspections and report thereon as specified in their appointments. For example, vehicle, plant and machinery drivers, operators and users must conduct daily inspections before start-up.

35.5 Recording and review of inspection results

All the results of inspections shall be in writing, reviewed at occupational health and safety committee meetings, endorsed by the chairperson of the meeting and placed on the Safety File.

36. Reporting of accidents and incidents

The contractor must report all incidents where an employee is injured on duty to the extent that he:

- dies
- becomes unconscious
- loses a limb or part of a limb
- is injured or becomes ill to such a degree that he is likely either to die or to suffer a permanent physical defect or likely to be unable for a period of at least 14 days either to work or continue with the activity for which he was usually employed

or where -

- a major incident occurred

- the health or safety of any person was endangered
- where a dangerous substance was spilled
- the uncontrolled release of any substance under pressure took place
- machinery or any part of machinery fractured or failed resulting in flying, falling or uncontrolled moving objects
- machinery ran out of control

to the Client within **two** days and to the **Provincial Director of the Department of Labour** within **seven** days from date of incident (Section 24 of the Occupational Health and Safety Act (Act no. 85 of 1993) and General Administrative Regulations), except that, where a person has died, has become unconscious for any reason or has lost a limb or part of a limb or may die or suffer a permanent physical defect, the incident must be reported to both the Client and the **Provincial Director of the Department** of Labour forthwith by telephone, fax or e-mail. The contractor shall provide the Client with copies of all statutory reports required in terms of the Occupational Health and Safety Act (Act no. 85 of 1993) during audits.

The contractor is required to provide the Client with copies of all internal and external accident/incident investigation reports during audits.

37. Accident and incident investigation

The contractor is responsible for the investigation of all accidents and/or incidents where employees and non-employees were injured to the extent that they had to receive medical treatment other than first aid. The results of the investigation are to be entered into the accident and/or incident register. The contractor is responsible for the investigation of all minor and non-injury incidents as described in Section 24 (1) (b) and (c) of the Occupational Health and Safety Act (Act no. 85 of 1993) and for keeping a record of the results of the investigations including the steps taken to prevent similar accidents in future.

The contractor is also responsible for the investigation of all road traffic accidents, related to the construction activities, and for keeping a record of the results of the investigations including the steps taken to prevent similar accidents in future.

The Client reserves the right to hold its own investigation into an incident or call for an independent external investigation.

38. Covid-19 Direction on Occupational Health and Safety In The Work Place

On 1 October 2020 the Minister of Employment and Labour published a new consolidated COVID-19 Direction on Occupational Health and Safety in the Workplace (Revised OHS Direction). The Revised OHS Direction replaces the Direction that was published on 4 June 2020.

The Revised OHS Direction takes into account recent developments communicated by the National Department of Health (NDoH). This is in light of new information about the virus from sources like the World Health Organisation.

The Revised OHS Direction aims to assist the NDoH in its collation and analysis of workplace data to prevent the escalation of the pandemic. The Revised OHS Direction accordingly places additional obligations upon employers whose employees have returned to work.

These obligations supplement the health and safety measures already required by the previous Direction, and generally in terms of the Occupational Health and Safety Act (OHSA).

We highlight the most notable changes and additions below.

Risks assessments and plans for protective measures

There is still a requirement for all employers to undertake a risk assessment and to develop a Workplace Plan on the basis of that assessment, outlining the protective measures in place for the phased return of employees before opening.

What is new, is that there is now an additional item that must be included in an employer's Workplace Plan – a description of the procedure to be followed to resolve any issue that may arise from the exercise by an employee of the right to refuse to work in the circumstances contemplated in direction 14(1) (see further information below).

Administrative measures – employers with more than 50 employees

Notably, there are new reporting obligations imposed on employers with more than 50 employees:

Such employers must submit a record of their risk assessment, together with a written policy concerning the protection of the health and safety of employees from COVID-19 as contemplated in section 7(1) of OHSA to (i) their health and safety committee; and (ii) the Department of Employment and Labour (DEL).

The submission to the DEL must be made by email to the address of the appropriate Provincial Chief Inspector (available here) within 21 days of the commencement of the Revised OHS Direction, i.e. by no later than 21 October 2020.

Previously, this obligation only arose where an employer employed more than 500 employees.

In addition, while the obligation to provide screening and testing data previously only applied to employers with more than 500 employees in certain sectors, all employers with more than 50 employees in a workplace must now submit the following categories of data to the National Institute for Occupational Health (NIOH)

electronically (to OHSworkplace@nioh.ac.za or via the online platform) in the manner set out in the NDoH Guidelines (available here):

- each employee's vulnerability status for serious outcomes of a COVID-19 infection;
- details of the symptom screening of employees who are symptomatic;
- details of employees who test positive for COVID-19;
- the number of employees identified as high-risk contacts (and who have been quarantined) as a result of exposure to a worker who has tested positive for COVID-19; and
- details on the post-infection outcomes of those testing positive, including the return to work assessment outcome.
- Vulnerability status data must be provided once in respect of each employee. The remaining data is to be submitted weekly, as soon as possible before Tuesday in respect of the data collected in the previous calendar week commencing on Sunday.

The above data may also be submitted by an employer via an employers' association, if the association has entered into an agreement with the NIOH to receive, process and submit the data to the NIOH and has undertaken to submit the data on behalf of the employer.

Importantly, employers must inform their employees that their personal information will be submitted to the NIOH in accordance with the employer's legal obligations and that the NIOH will comply with the provisions of the Protection of Personal Information Act.

Reporting of positive cases at the workplace

While previously employers were required to report each instance in which an employee tested positive for COVID-19 to the NDoH via the COVID-19 hotline number, positive cases must now be reported to the NIOH in the same manner as the reports made by employers with more than 50 employees (described above).

In addition, the Revised OHS Direction requires employers to inform the Compensation Commissioner whenever a worker has been diagnosed with COVID-19 at the workplace, in accordance with the Directive on Compensation for Workplace-acquired Novel Corona Virus Disease.

Referral of workers to a public health facility

The Revised OHS Direction has clarified that, in the event that a worker displays symptoms of COVID-19 at the workplace, the employer's obligation is to isolate the worker and to arrange for the worker to be transported to a public health facility (i.e. one of the established testing sites). From there, the worker will either be directed to self-isolate or will undergo a medical examination and/or testing.

Isolation and quarantine periods

The Revised OHS Direction has now been brought in line with the updated guidelines by the NDoH, by reducing the periods of self-isolation (for workers who have tested positive) and self-quarantine (for close contacts/workers with high-risk exposure to a positive case) from 14 days to 10 days. Health workers with high risk exposure must remain in quarantine for 7 days, which can, by agreement with the worker, be reduced to 5 days.

Employers with 10 or less employees

More limited obligations still apply to employers who employ 10 or less employees. The only change is that the employer must now contact the relevant provincial inspectorate (and not the general COVID-19 hotline number) to obtain instructions when an employee presents with symptoms at work.

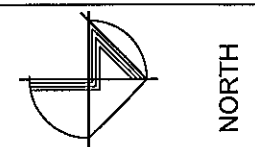
38. Conclusion

The Client supplied the Contractor with a Health and Safety Specification. This Specification furthermore contains the requirements under which is required to operate. By signing an agreement with the Client, the contractor reiterates its commitment to compliance and will operate within the requirements of this provided Specification.

***Note**

The Client will stop construction work that does not comply with Health and Safety requirements as per OHS Act 85 of 1993, Construction Regulations and Covid-19 Regulations.

DRAWINGS



General Notes:

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UNLESS OTHERWISE SPECIFIED, ALL STRUCTURAL DESIGN WORK TO BE STRUCTURAL ENGINEER(S) DESIGN AND/OR DETAIL

FINISHED FLOOR LEVEL AT GROUND LEVEL TO AT LEAST BE 255MM FROM NATURAL GROUND LEVEL

UNLESS SHOWN OTHERWISE, ALL BRICK WORK TO HAVE BRICKFORCE EVERY 5 OR LESS COURSES

COMPLIANCE WITH ENERGY EFFICIENCY REQUIREMENTS:

1. Orientation as per SANS 204 (Parts 4.1 & 4.2)
2. Shading as per SANS 204 (Part 4.3.2)
3. External Walls as per SANS 10400XA (Part 4.4.3)
4. Fenestration as per SANS 10400XA (Part 4.4.3) or SANS 204 (Part 4.3.4). All fenestration air infiltration to be in accordance with SANS 513.
5. Roof Assembly as per SANS 10400XA (Part 4.4.2 with values in Table 7)
6. Any underfloor heating as per SANS 10400XA (Part 4.4.2)
7. Services (Lighting & Power) as per SANS 204 (Part 4.5.1)
8. Services (Mech ventilation / Air-conditioning) as per SANS 204 (Part 4.5)
9. Water Supply: Max of 50% of hot water energy to be electrical resistance heating elements. All water installations as per SANS 10252-1 & SANS 10254. All Hot Water pipes to be insulated with either 25mm Polyurethane foam or 40mm of mineral wool or fiberglass.

Rev.	Date	By	Brief Description
A	10.03.2021	SM	LAYOUT MODIFIED TO MATCH FLOOR PLAN

REV. NO.	

PROJECT TITLE & ADDRESS

THABAMPOO HOSPITAL REVITALISATION:
PROPOSED HEALTH SUPPORT SERVICES
BUILDING FOR LIMPOPO PROVINCIAL
DEPARTMENT OF HEALTH

CLIENT

LIMPOPO DEPARTMENT OF PUBLIC WORKS

DRAWING TITLE

FURNITURE LAYOUT

DRAWING ISSUED NOT FOR MUNICIPAL APPROVAL

Drawing No.	A1-204-00
Date	Scale
11/19 2019	1 : 100
DESIGNED	MSK
DRAWN	MSK
CHECKED	MSK

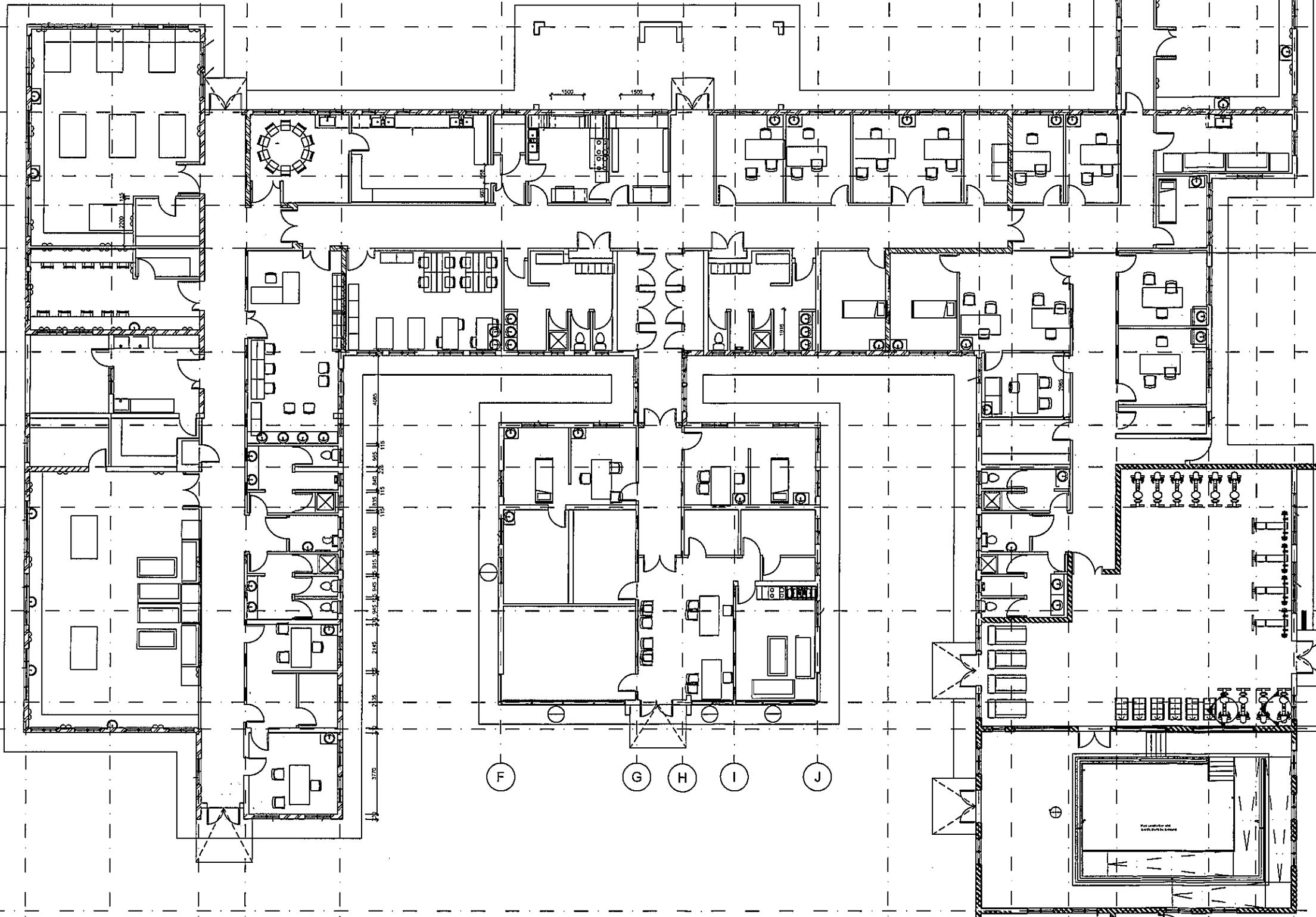
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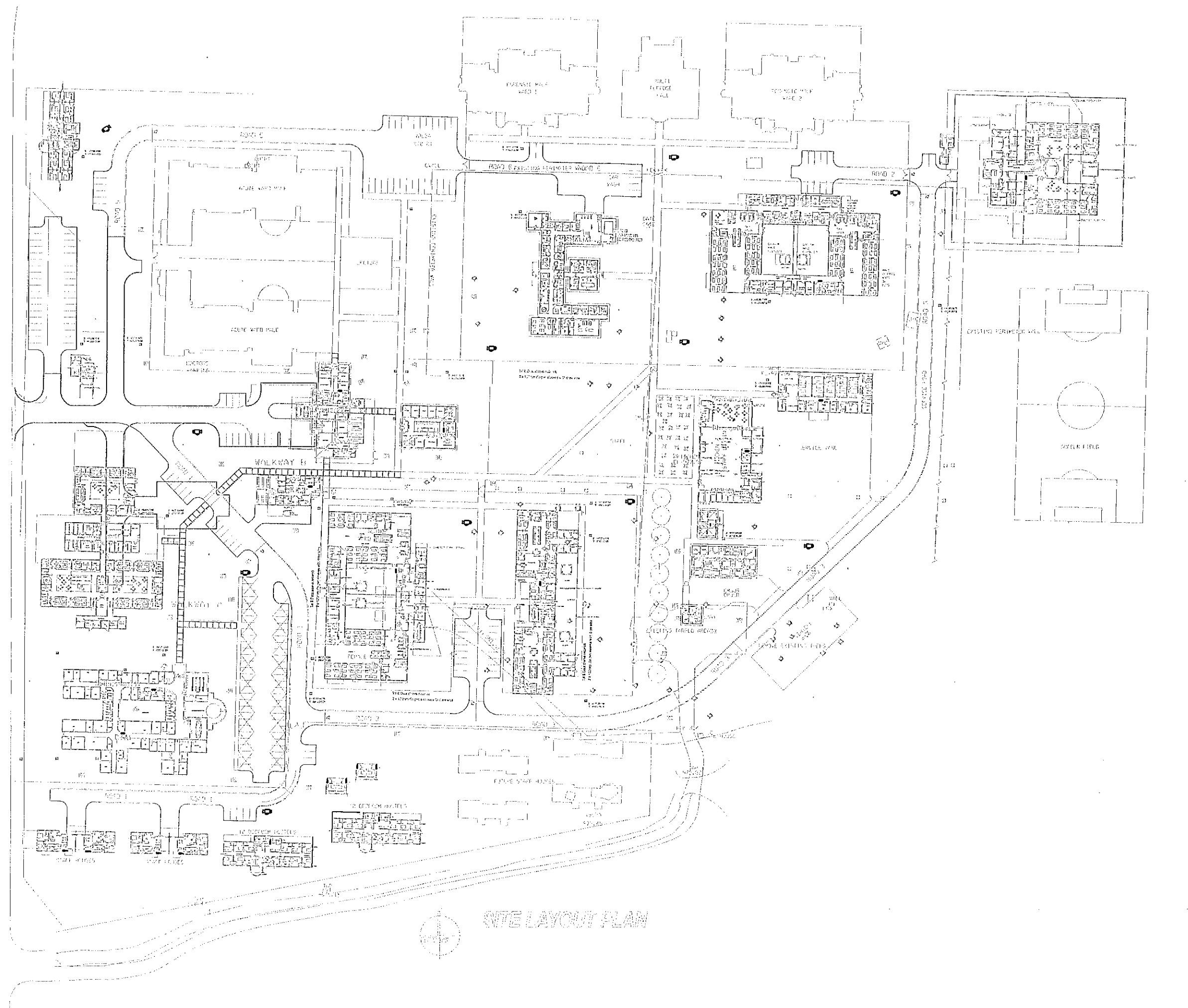
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A B C D E K L M N O P Q





SITE LAYOUT PLAN

LEGEND	
SYMBOL	DESCRIPTION

NO.	DATE	PARAF	REVISION	DESCRIPTION

CONSULTANT

Ingcall
Engineering & Construction
Reg. No. 20040878007
Tel Number: 018-292 8888

Plotter Building 218
21, Balaam Road
Singapore 110208

DEPARTMENT OF PUBLIC WORKS
MUNICIPAL OFFICE, POLICE QUARTERS
C/O. YETTER & BALAHARIBO BT
LADANG
KUALA LUMPUR
Tel (011) 228 9200

Director-General
Deputy Director-General
Property Development

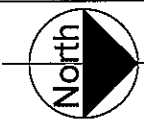
PROJECT

THABAMOPO HOSPITAL

TITLE

SITE PLAN
CCTV LAYOUT

SCALE	SCALE/CONTRACT NO.	CONTRACT NO.
1 : 700		
DATE	DATE	DATE
FEBRUARY 2018		
DATE	DATE	DATE
DATE	DATE	DATE



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5. Roof Assembly as per SANS 10400XA (Part 4.4.2 with values in Table 7)
6. Any underfloor heating as per SANS 10400XA (Part 4.4.2)
7. Services (Lighting & Power) as per SANS 204 (Part 4.5.1)
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Rev.	Date	By	Brief Description
H	28.10.19	SM	Dish washer added to kitchen. Washing machines added in Laundry. Urinals to all male toilets added.
G	21.10.19	SM	Total floor area increase due to hydrotherapy room size increased.
F	18.10.19	SM	Hydrotherapy pool revised, and size increased.
E	13.10.19	SM	Hydrotherapy pool revised, pump room added new whb added.
D	04.10.19	SM	Courtyards & solid waste areas added.
C	29.09.19	TD	Courtyard and whb's added to applicable rooms.
B	06.09.19	TD	Distalacia Store enlarged. Wash hand basins added to Beauty Parlour. Passage to Educational & Recreational Activities widened.
A	31.10.18	TD	Control Room & Dental Manager Office added.

REV. NO.

H			
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PROJECT TITLE & ADDRESS

**THABAMPOO HOSPITAL REVITALISATION:
PROPOSED HEALTH SUPPORT SERVICES
BUILDING FOR LIMPOPO PROVINCIAL
DEPARTMENT OF HEALTH**

CLIENT
LIMPOPO DEPARTMENT OF PUBLIC WORKS

DRAWING TITLE

CEILING PLAN

**ISSUED FOR MUNICIPAL
APPROVAL**

Drawing No. **A1-200-H**

Date **10-2019** Scale **1:100**

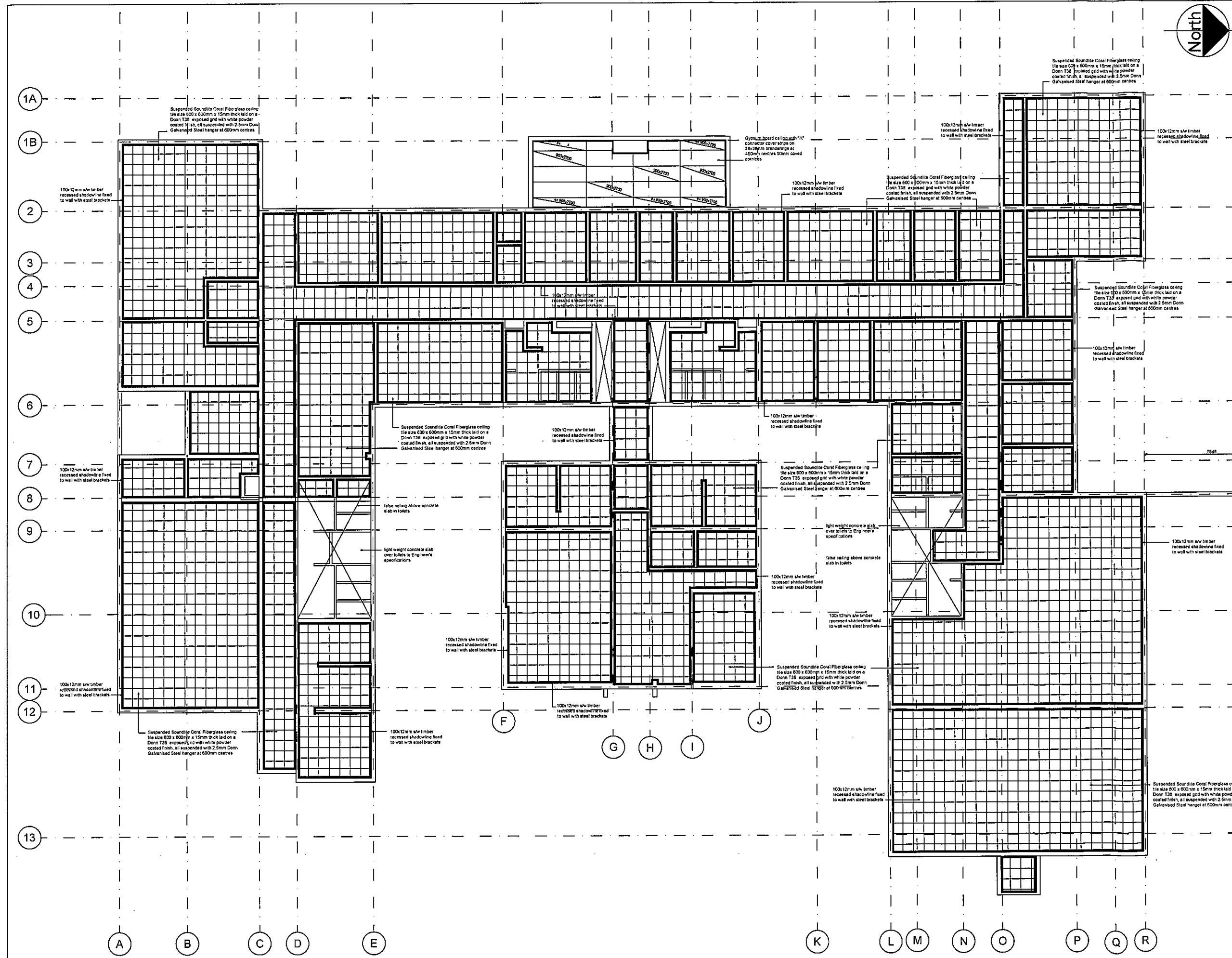
DESIGNED **MSK**

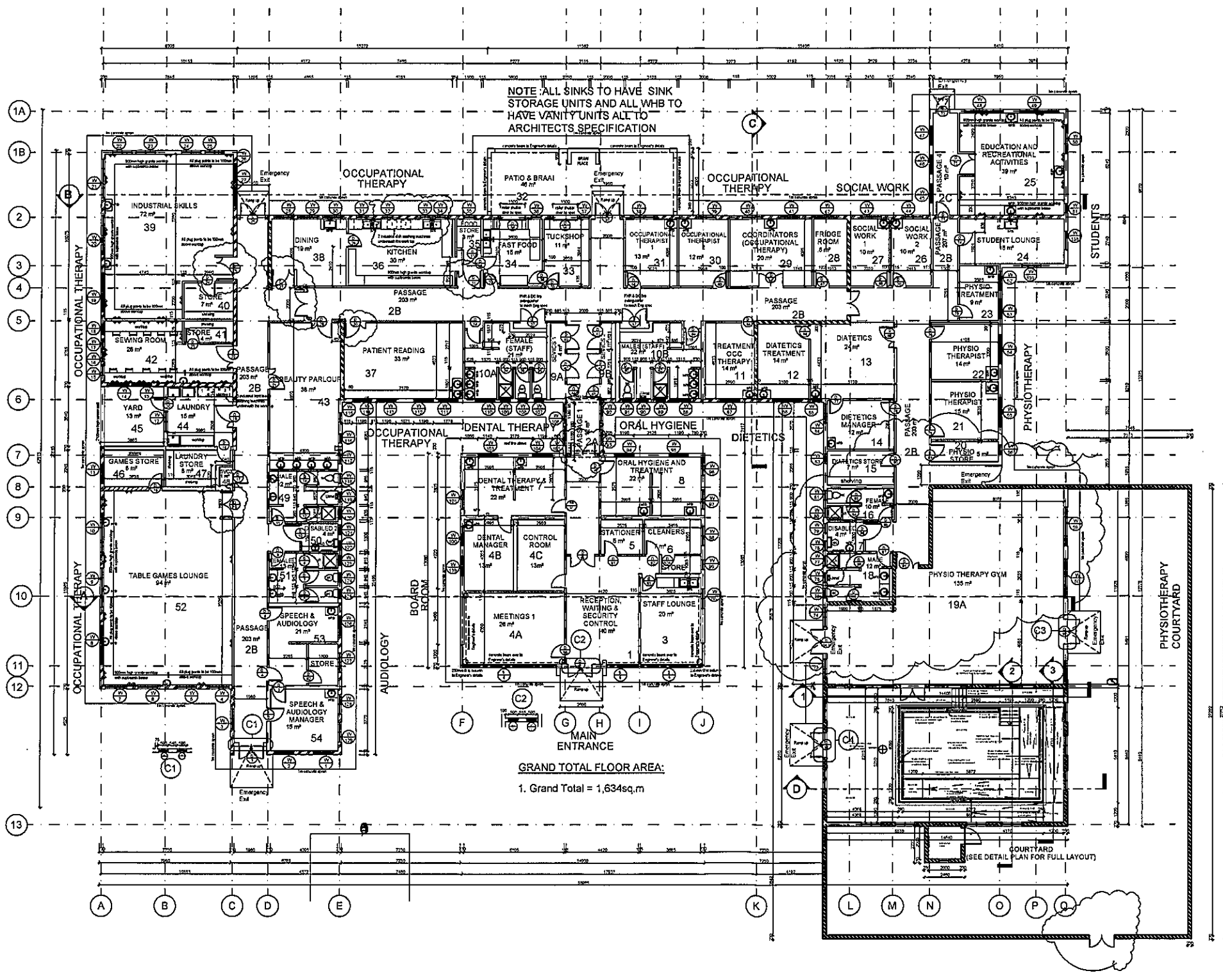
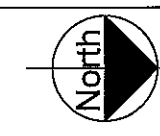
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 7. Services Lighting & Power as per SANS 204 (Part 4.5.1)
 8. Services (Mech ventilation / Air-conditioning) as per SANS 204 (Part 4.5)
 9. Water Supply: Max of 50% of hot water energy is via electrical resistance heating elements. All water installations as per SANS 10252-1 & SANS 10254. All Hot Water pipes to be insulated with either 25mm Polyurethane foam or 40mm of mineral wool or fiberglass.

Rev.	Date	By	Brief Description
J	07.10.20	SM	FIRE DOORS RECESSED AND SWING ALTERED
H	28.10.19	SM	Dish washer added to kitchen. Washing machines added in Laundry. Urinals to all male toilets added
O	21.10.19	SM	Total floor area increase due to hydrotherapy room size increased
F	19.10.19	SM	Hydrotherapy pool revised, and size increased
E	13.10.19	SM	Hydrotherapy pool revised, pump room added, new whb.
D	04.10.19	SM	Courtyard & solid waste areas added
G	29.09.18	TD	Courtyard and whb's added to applicable rooms
B	06.09.19	TD	Dietetics Store enlarged. Wash hand basins added to Beauty Parlour. Passage to Educational & Recreational Activities widened
A	31.10.18	TD	Control Room & Dental Manager Offices added

REV. NO.

PROJECT TITLE & ADDRESS
**THABAMOPO HOSPITAL REVITALISATION:
 PROPOSED HEALTH SUPPORT SERVICES
 BUILDING FOR LIMPOPO PROVINCIAL
 DEPARTMENT OF HEALTH**

CLIENT
LIMPOPO DEPARTMENT OF PUBLIC WORKS

DRAWING TITLE
**GROUND FLOOR PLAN
 ISSUED FOR MUNICIPAL
 APPROVAL**

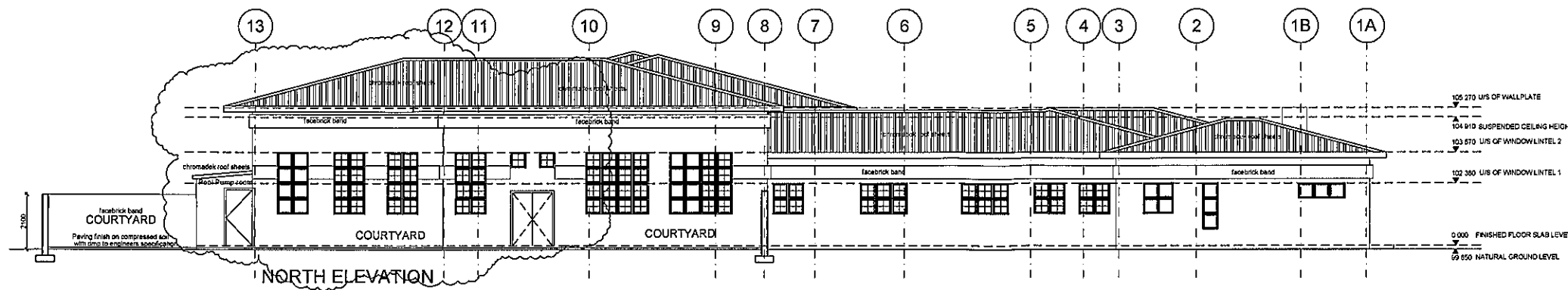
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 Date **10-2019**
 Scale **1 : 100**

DESIGNED **MSK**
 DRAWN **MMT/DFSM**
 CHECKED **MSK**

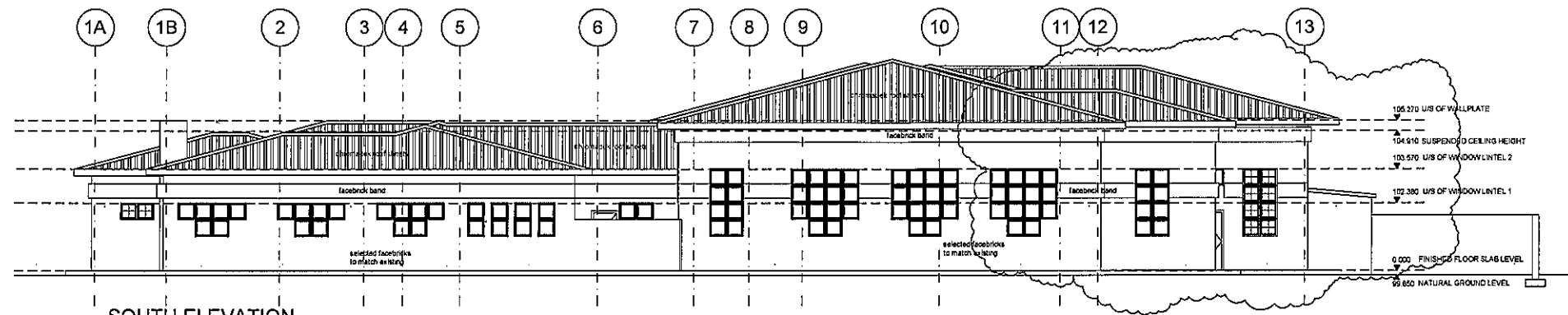
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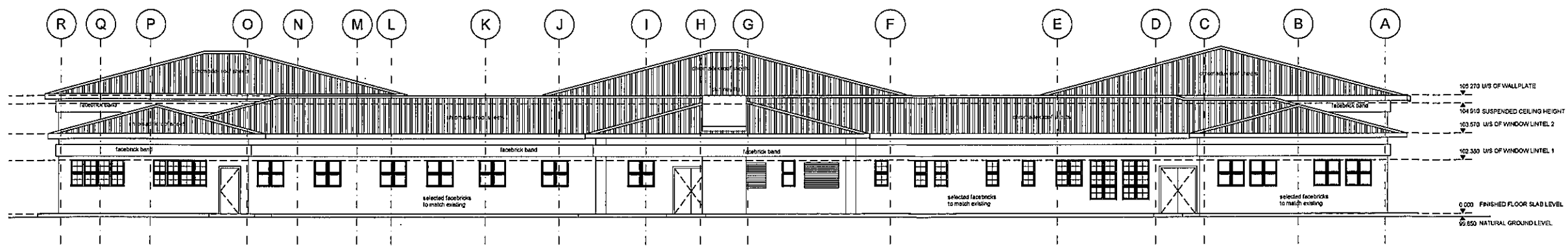
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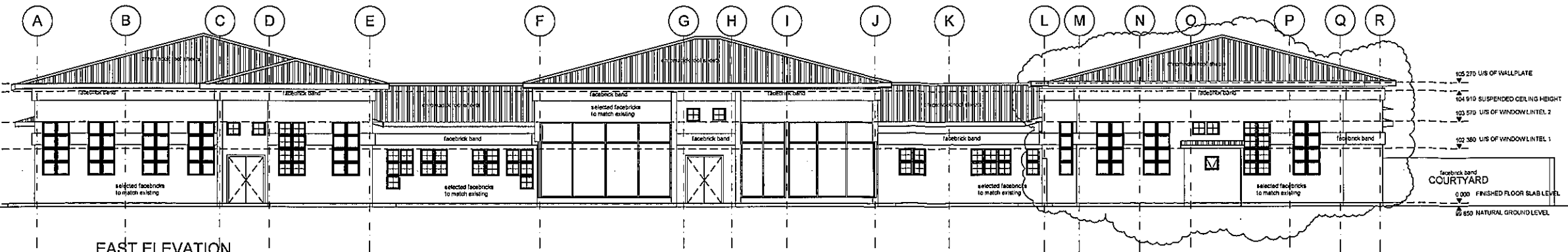
NORTH ELEVATION



SOUTH ELEVATION



WEST ELEVATION



EAST ELEVATION

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 UNLESS OTHERWISE SPECIFIED, ALL STRUCTURAL DESIGN WORK TO STRUCTURAL ENGINEER(S) DESIGN AND/OR DETAIL
 FINISHED FLOOR LEVEL AT GROUND LEVEL TO AT LEAST BE 250MM FROM NATURAL GROUND LEVEL
 UNLESS SHOWN OTHERWISE, ALL BRICK WORK TO HAVE BRICKFORCE EVERY 5 OR LESS COURSES
 COMPLIANCE WITH ENERGY EFFICIENCY REQUIREMENTS:
 1. Orientation as per SANS 204 (Part 4.1 & 4.2)
 2. Shading as per SANS 204 (Part 4.3.5)
 3. External Walls as per SANS 10400XA (Part 4.4.3)
 4. Penetration as per SANS 10400XA (Part 4.4.3) or SANS 254 (Part 4.3.4). All penetration air infiltration to be in accordance with SANS 613.
 5. Roof Assembly as per SANS 10400XA (Part 4.4.2 with values in Table 7)
 6. Any underfloor heating as per SANS 10400XA (Part 4.4.2)
 7. Services (Lighting & Power) as per SANS 204 (Part 4.5.1)
 8. Services (Mech ventilation / Air-conditioning) as per SANS 204 (Part 4.6)
 9. Water Supply: Max of 50% of hot water energy to be electrical resistance heating elements. All water installations as per SANS 10252-1 & SANS 10254. All Hot Water pipes to be insulated with either 25mm Polyurethane foam or 40mm of mineral wool or floorings.

Rev.	Date	By	Brief Description
A	14.10.18	SM	Hydrotherapy external walls & roof revised, pump room added

PROJECT TITLE & ADDRESS

THABAMPOO HOSPITAL REVITALISATION:
 PROPOSED HEALTH SUPPORT SERVICES
 BUILDING FOR LIMPOPO PROVINCIAL
 DEPARTMENT OF HEALTH

CLIENT
 LIMPOPO DEPARTMENT OF PUBLIC WORKS

DRAWING TITLE

ELEVATIONS

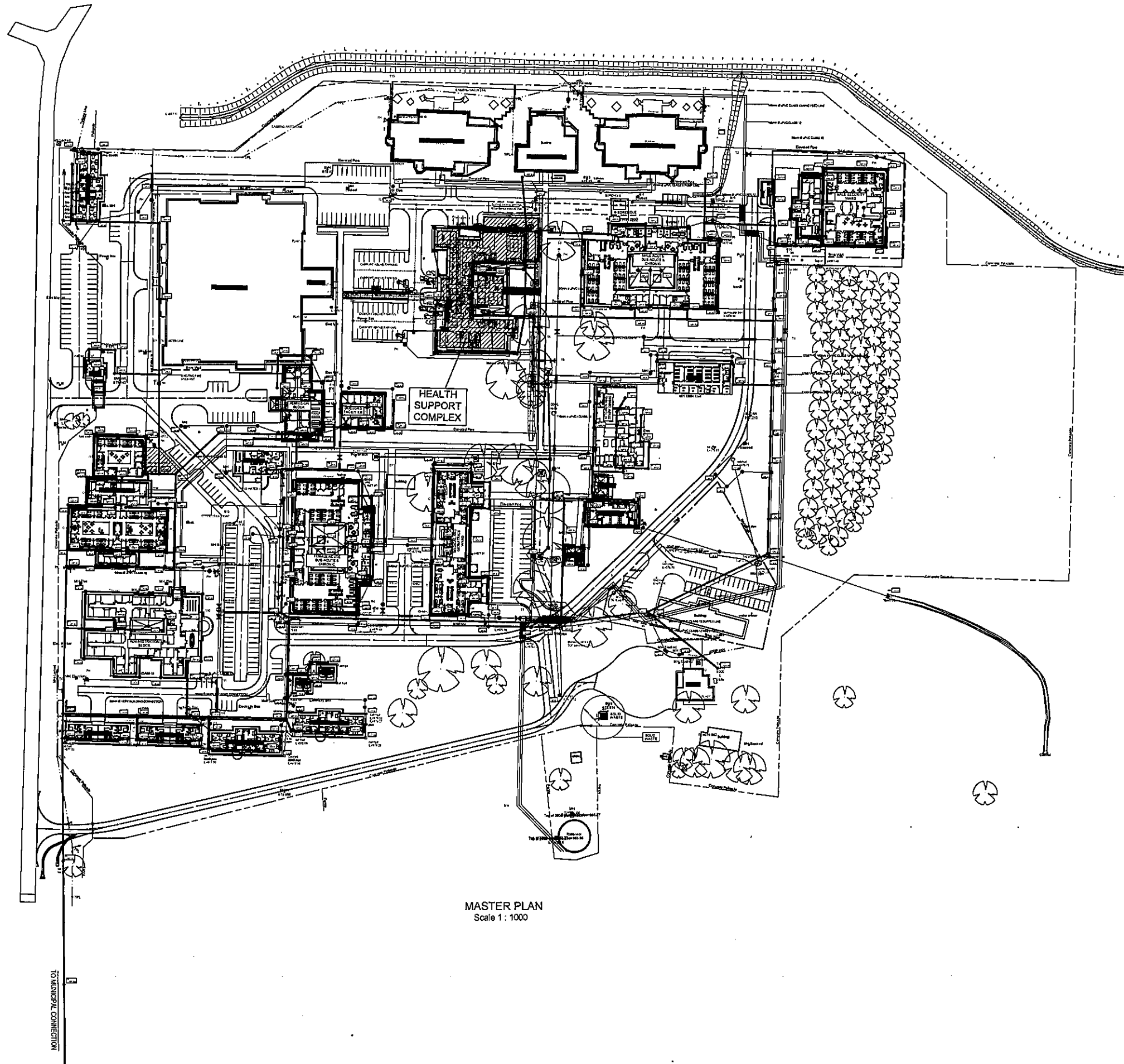
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Drawing No.	A1-400-WD-A
Date	03-2018
Scale	1: 100

DESIGNED	WSK
DRAWN	WNT/SM
CHECKED	WSK

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MASTER PLAN
Scale 1 : 1000



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- UNLESS OTHERWISE SPECIFIED, ALL STRUCTURAL DESIGN WORK TO STRUCTURAL ENGINEER(S) DESIGN AND/OR DETAILS
- FINISHED FLOOR LEVEL AT GROUND LEVEL TO AT LEAST BE 25MM FROM NATURAL GROUND LEVEL
- UNLESS SHOWN OTHERWISE, ALL BRICK WORK TO HAVE BRICKFORCE EVERY 5 OR LESS COURSES
- COMPLIANCE WITH ENERGY EFFICIENCY REQUIREMENTS:
1. Orientation as per SANS 204 (Parts 4.1 & 4.2)
 2. Shading as per SANS 204 (Part 4.3.5)
 3. External Walls as per SANS 10400XA (Part 4.4.3)
 4. Fenestration as per SANS 10400XA (Part 4.4.3) or SANS 204 (Part 4.3.4). All fenestration air infiltration to be in accordance with SANS 813.
 5. Roof Assembly as per SANS 10400XA (Part 4.4.2 with values in Table 7)
 6. Any underfloor heating as per SANS 10400XA (Part 4.4.2)
 7. Services (Lighting & Power) as per SANS 204 (Part 4.2.1)
 8. Services (Mech ventilation / Air-conditioning) as per SANS 204 (Part 4.5)
 9. Water Supply: Max of 50% of hot water energy is via electrical resistance heating elements. All water installations as per SANS 10252-1 & SANS 10254. All Hot Water pipes to be insulated with either 25mm Polyurethane foam or 40mm of mineral wool or fiberglass.

Rev.	Date	By	Brief Description
C	13.09.19	SM	Building & Courtyard foot print changed
B	13.09.19	SM	Building & Courtyard foot print changed
A	28.09.19	TD	Courtyard & Solid waste added

REV. NO.

c			
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PROJECT TITLE & ADDRESS

**THABAMOPO HOSPITAL REVITALISATION:
PROPOSED HEALTH SUPPORT SERVICES
BUILDING FOR LIMPOPO PROVINCIAL
DEPARTMENT OF HEALTH**

CLIENT

LIMPOPO DEPARTMENT OF PUBLIC WORKS

DRAWING TITLE

MASTER PLAN

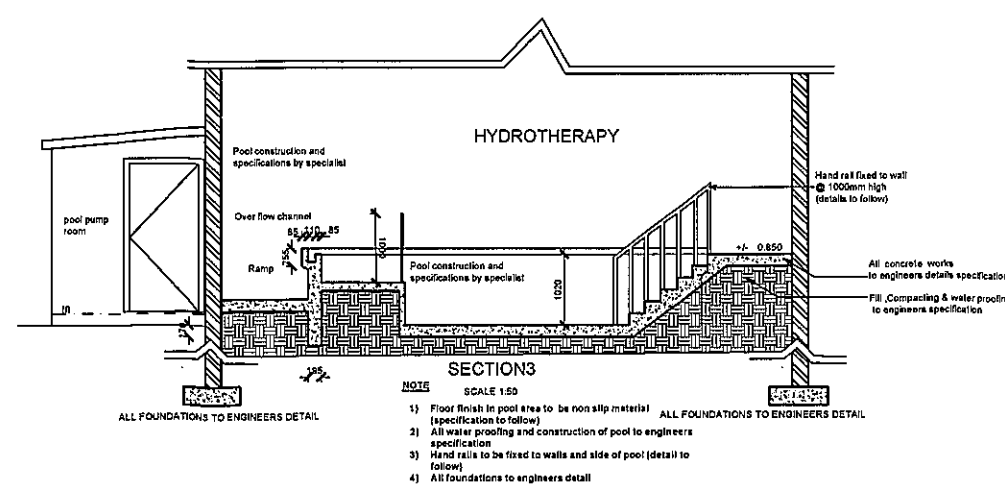
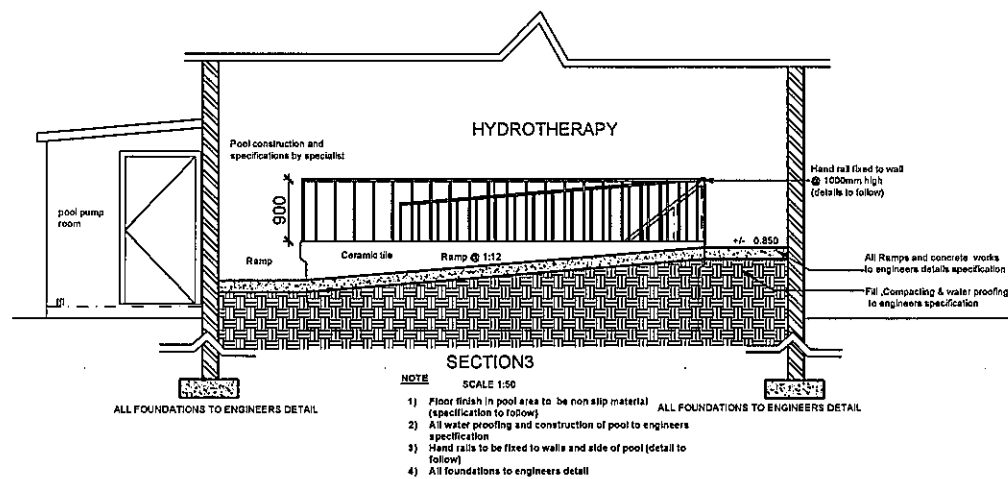
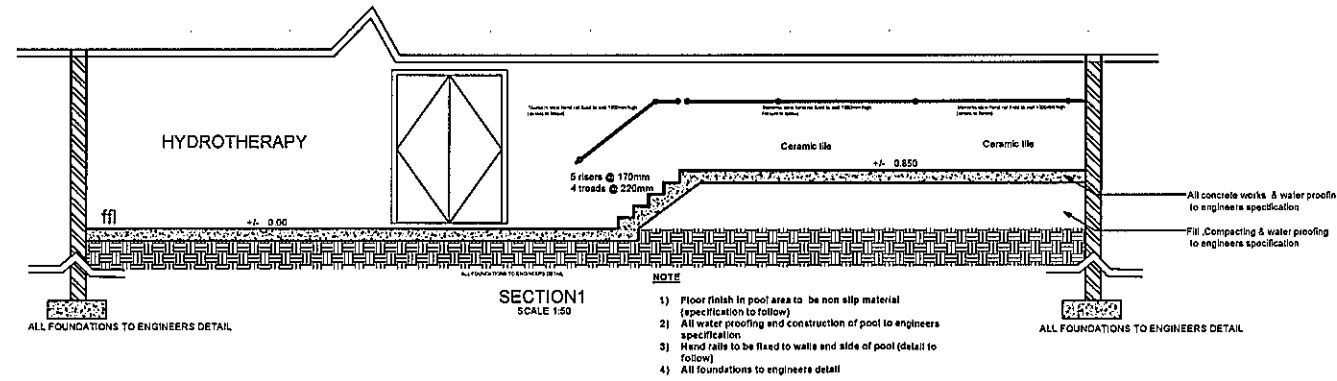
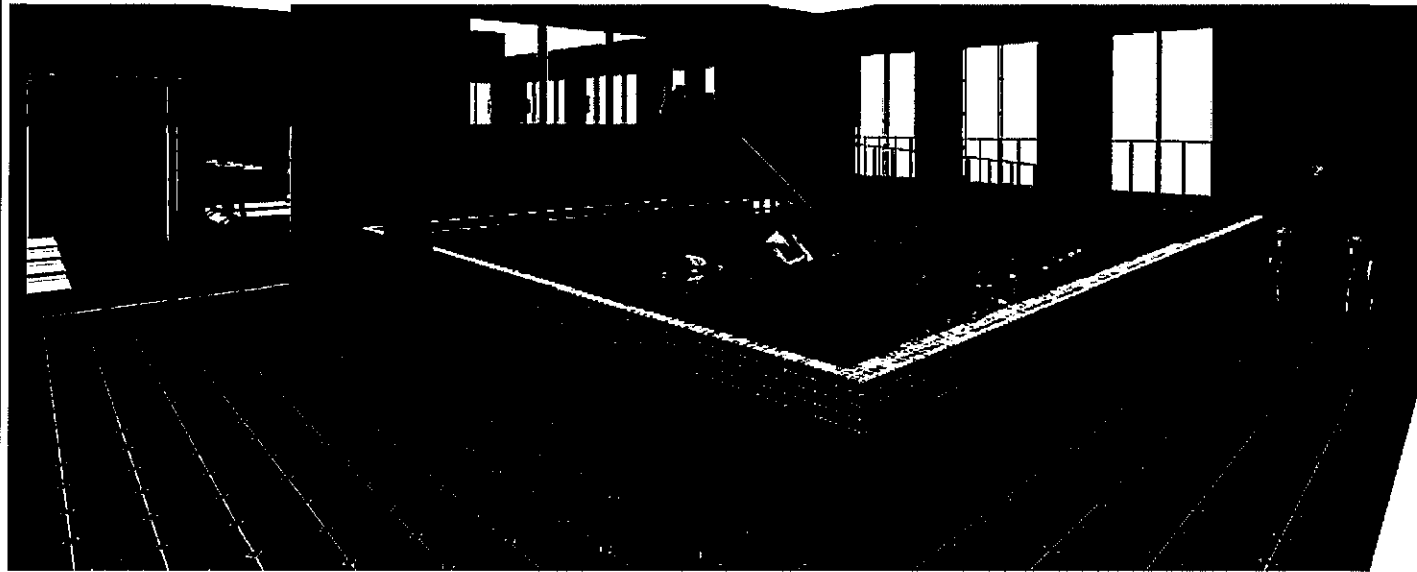
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APPROVAL**

Drawing No.	A1-100-B
Date	Scale
10-2019	1 : 1000
DESIGNED	MSK
DRAWN	M/ITD/SM
CHECKED	MSK

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FINISHED FLOOR LEVEL AT GROUND LEVEL TO AT LEAST BE 250MM FROM NATURAL GROUND LEVEL

UNLESS SHOWN OTHERWISE, ALL BRICK WORK TO HAVE BRICKFORCE EVERY 5 OR LESS COURSES

COMPLIANCE WITH ENERGY EFFICIENCY REQUIREMENTS:

1. Orientation as per SANS 204 (Part 4.1 & 4.2)
2. Shading as per SANS 204 (Part 4.3.5)
3. External Walls as per SANS 10400XA (Part 4.4.3)
4. Foundation as per SANS 10400XA (Part 4.4.3) or SANS 204 (Part 4.3.4). All foundation side infill to be in accordance with SANS 612.
5. Roof Assembly as per SANS 10400XA (Part 4.4.2 with values in Table 7)
6. Any underfloor heating as per SANS 10400XA (Part 4.4.2)
7. Services (Lighting & Power) as per SANS 204 (Part 4.5.1)
8. Services (Mech ventilation / Air-conditioning) as per SANS 204 (Part 4.6)
9. Water Supply: Max of 50% of hot water energy to be electrical resistance heating elements. All water installations as per SANS 10252-1 & SANS 10254. All Hot Water pipes to be insulated with either 25mm Polyurethane foam or 40mm of mineral wool or fibreglass.

Rev.	Date	By	Brief Description
B	10.10.19	SM	Pool size increased and rails added
A	13.10.19	SM	Ramp up and wall sloped

REV. NO.

A	B

PROJECT TITLE & ADDRESS

THABAMOPO HOSPITAL REVITALISATION:
PROPOSED HEALTH SUPPORT SERVICES
BUILDING FOR LIMPOPO PROVINCIAL
DEPARTMENT OF HEALTH

CLIENT

LIMPOPO DEPARTMENT OF PUBLIC WORKS

DRAWING TITLE

HYDROTHERAPY POOL
SECTIONS 1, 2 & 3

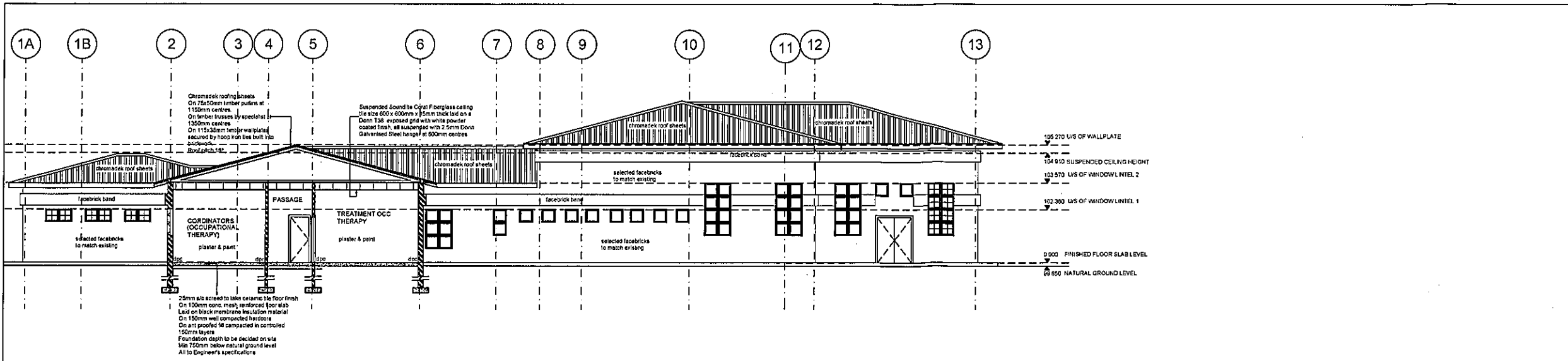
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Date	10-2019
Scale	AS SHOWN
DESIGNED	WSK
DRAWN	SW
CHECKED	WSK

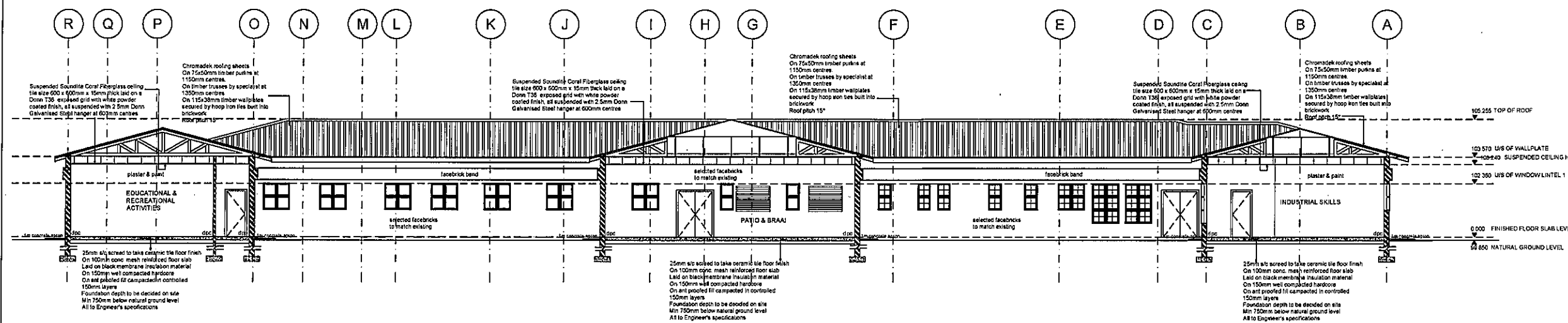
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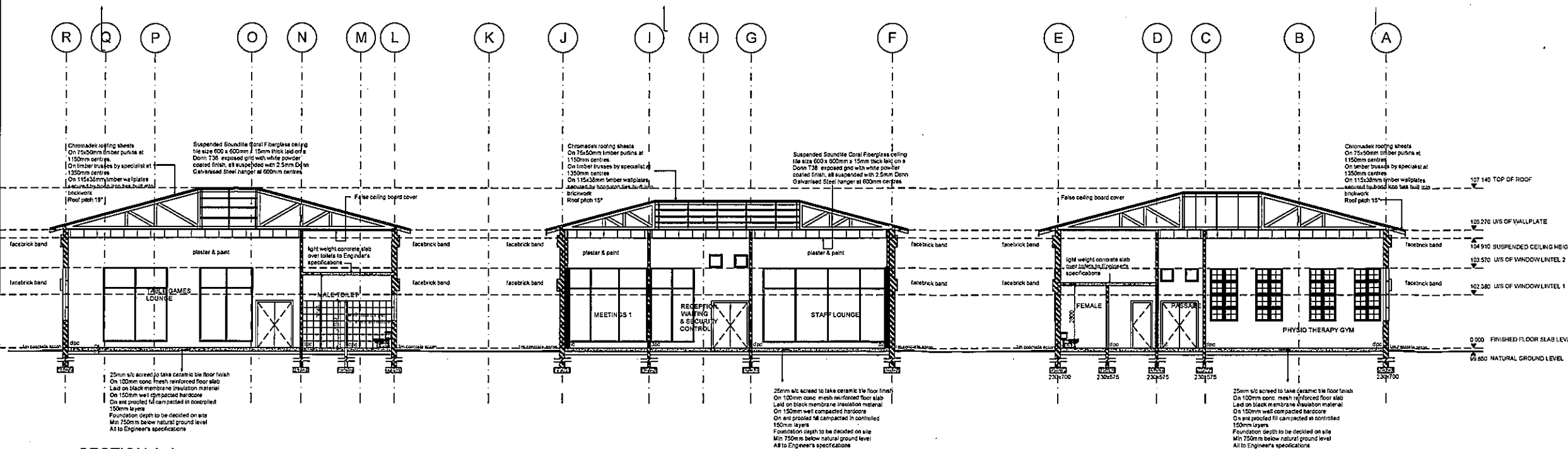
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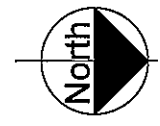
SECTION C-C



SECTION B-B



SECTION A-A



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- UNLESS OTHERWISE SPECIFIED, ALL STRUCTURAL DESIGN WORK TO STRUCTURAL ENGINEER(S) DESIGN AND/OR DETAIL
- FINISHED FLOOR LEVEL AT GROUND LEVEL TO AT LEAST BE 25MM FROM NATURAL GROUND LEVEL
- UNLESS SHOWN OTHERWISE, ALL BRICK WORK TO HAVE BRICKFORCE EVERY 5 OR LESS COURSES
- COMPLIANCE WITH ENERGY EFFICIENCY REQUIREMENTS:
- Orientation as per SANS 204 (Parts 4.1 & 4.2)
 - Shading as per SANS 204 (Part 4.3.5)
 - External Walls as per SANS 10400XA (Part 4.4.3)
 - fenestration as per SANS 10400XA (Part 4.4.3) or SANS 204 (Part 4.3.4). All fenestration air infiltration to be in accordance with SANS 813.
 - Roof Assembly as per SANS 10400XA (Part 4.4.2 with values in Table 7)
 - Any underfloor heating as per SANS 10400XA (Part 4.4.2)
 - Services (Lighting & Power) as per SANS 204 (Part 4.5.1)
 - Services (Mech ventilation / Air-conditioning) as per SANS 204 (Part 4.5)
 - Water Supply: Max of 50% of hot water energy is via electrical resistance heating elements. All water installations as per SANS 10252-1 & SANS 10254. All Hot Water pipes to be insulated with either 25mm Polystyrene foam or 40mm of mineral wool or fibreglass.

Rev.	Date	By	Brief Description
REV. NO.			

PROJECT TITLE & ADDRESS

**THABAMPOO HOSPITAL REVITALISATION:
PROPOSED HEALTH SUPPORT SERVICES
BUILDING FOR LIMPOPO PROVINCIAL
DEPARTMENT OF HEALTH**

CLIENT
LIMPOPO DEPARTMENT OF PUBLIC WORKS

DRAWING TITLE
SECTIONS: A, B & C

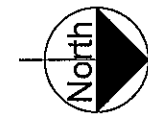
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DRAWN	MHT/D
CHECKED	SM

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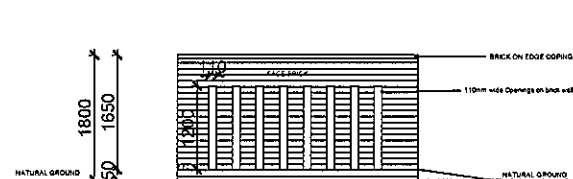
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FINISHED FLOOR LEVEL AT GROUND LEVEL TO AT LEAST BE 255MM FROM NATURAL GROUND LEVEL

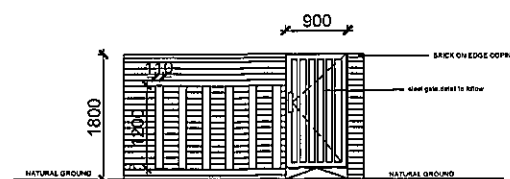
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COMPLIANCE WITH ENERGY EFFICIENCY REQUIREMENTS:

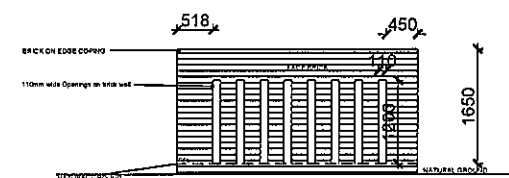
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2. Shading as per SANS 204 (Part 4.3.2)
3. External Walls as per SANS 10400XA (Part 4.4.3)
4. Fenestration as per SANS 10400XA (Part 4.4.3) or SANS 204 (Part 4.3.4). All fenestration air infiltration to be in accordance with SANS 613.
5. Roof Assembly as per SANS 10400XA (Part 4.4.2 with values in Table 7)
6. Any underfloor heating as per SANS 10400XA (Part 4.4.2)
7. Services (Lighting & Power) as per SANS 204 (Part 4.5.1)
8. Services (Mech ventilation / Air-conditioning) as per SANS 204 (Part 4.6)
9. Water Supply: Max of 50% of hot water energy is via electrical resistance heating elements. All water installations as per SANS 10252-1 & SANS 10254. All Hot Water pipes to be insulated with either 25mm Polyurethane foam or 40mm of mineral wool or fibreglass.



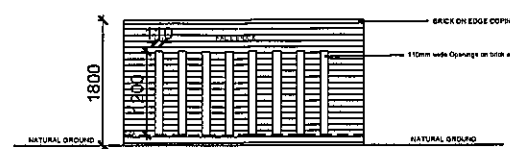
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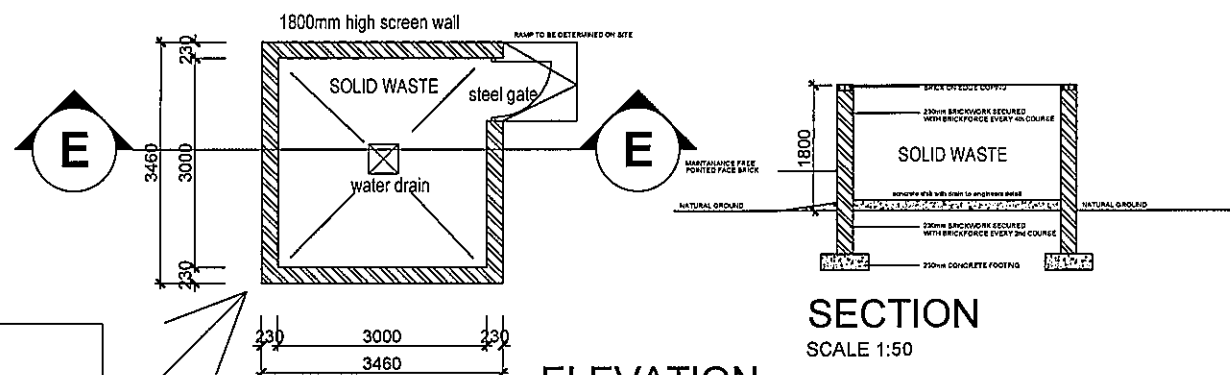
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SCALE 1:50



ELEVATION 3
SCALE 1:50



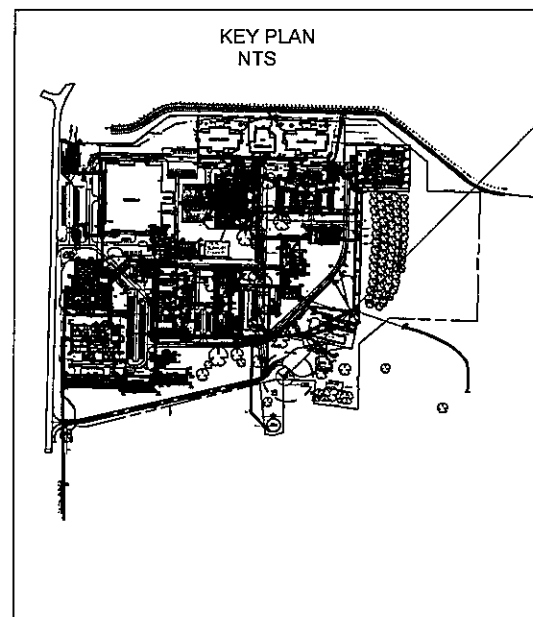
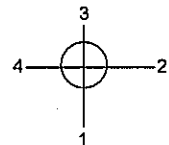
ELEVATION 4
SCALE 1:50



SECTION
SCALE 1:50

PLAN
SCALE 1:50

ELEVATION



**SOLID WASTE
SCREEN WALL**

PROJECT TITLE & ADDRESS

THABAMOPO HOSPITAL REVITALISATION:
PROPOSED HEALTH SUPPORT SERVICES
BUILDING FOR LIMPOPO PROVINCIAL
DEPARTMENT OF HEALTH

CLIENT
LIMPOPO DEPARTMENT OF PUBLIC WORKS

DRAWING TITLE
SOLID WASTE FLOOR PLAN
, ELEVATIONS & SECTION

ISSUED FOR MUNICIPAL
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Drawing No. A1-602-WD-00

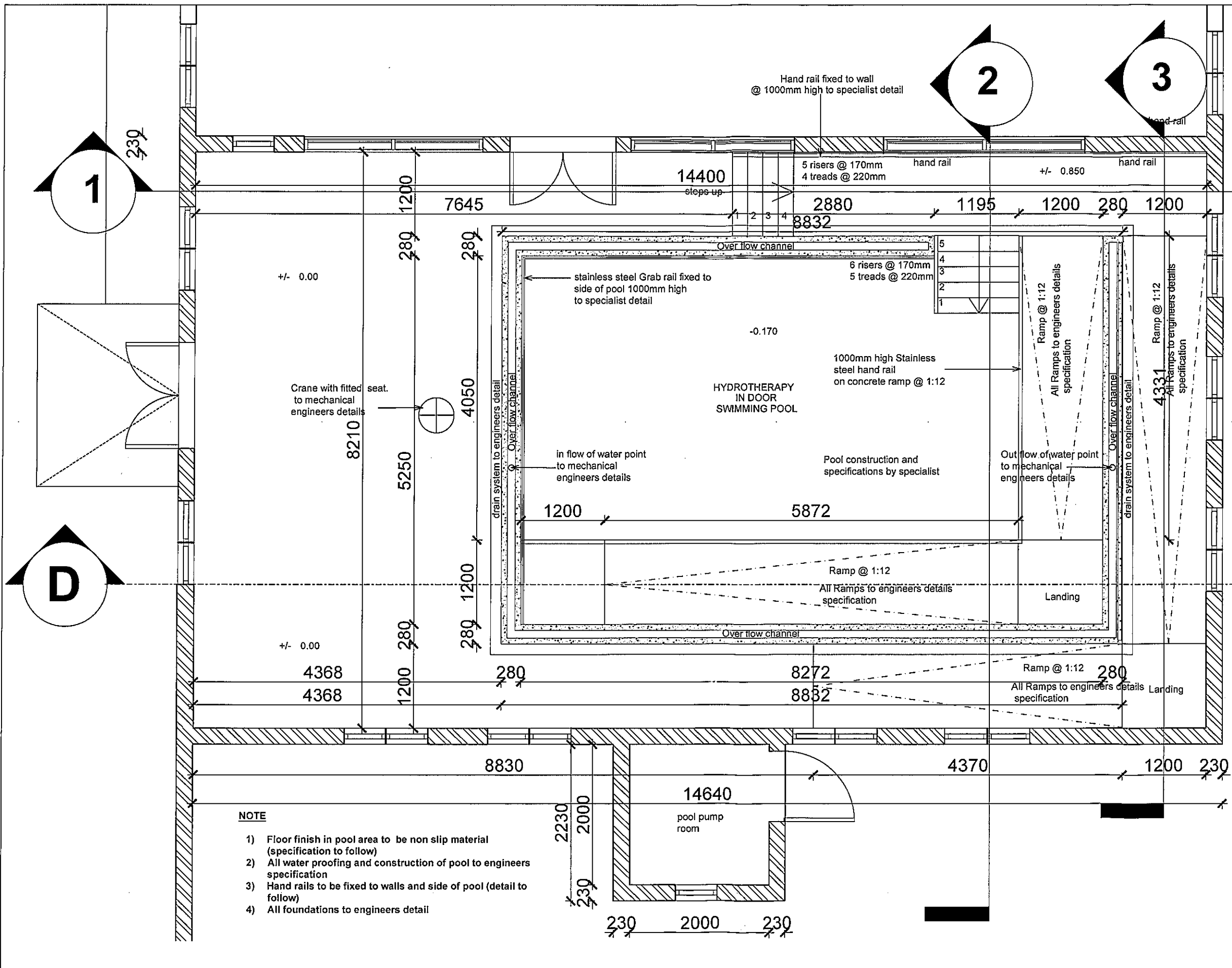
Date 10-2019 Scale AS SHOWN

DESIGNED MSK
DRAWN SM
CHECKED MSK


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- NOTE**
- 1) Floor finish in pool area to be non slip material (specification to follow)
 - 2) All water proofing and construction of pool to engineers specification
 - 3) Hand rails to be fixed to walls and side of pool (detail to follow)
 - 4) All foundations to engineers detail



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FINISHED FLOOR LEVEL AT GROUND LEVEL TO AT LEAST BE 250MM FROM NATURAL GROUND LEVEL

UNLESS SHOWN OTHERWISE, ALL BRICK WORK TO HAVE BRICKWORK EVERY 5 OR LESS COURSES

COMPLIANCE WITH ENERGY EFFICIENCY REQUIREMENTS:

1. Orientation as per SANS 204 (Parts 4.1 & 4.2)
2. Shading as per SANS 204 (Part 4.3.3)
3. External Walls as per SANS 10400XA (Part 4.4.3)
4. Fenestration as per SANS 10400XA (Part 4.4.3) or SANS 204 (Part 4.3.4). All fenestration air infiltration to be in accordance with SANS 613.
5. Roof Assembly as per SANS 10400XA (Part 4.4.2 with values in Table 7)
6. Any underfloor heating as per SANS 10400XA (Part 4.4.2)
7. Services (Lighting & Power) as per SANS 204 (Part 4.5.1)
8. Services (Mech ventilation / Air-conditioning) as per SANS 204 (Part 4.6)
9. Water Supply: Max of 50% of hot water energy to be utilised via electrical resistance heating elements. All water installations as per SANS 10252-1 & SANS 10254. All Hot Water pipes to be insulated with either 25mm Polyurethane foam or 40mm of mineral wool of fiberglass.

Rev.	Date	By	Brief Description
C	18.10.19	SM	Pool size increased and rails added
B	15.10.19	SM	Crane seat example added pool dimensions and levels indicated
A	15.10.19	SM	Ramp upstand wall sloped

REV. NO.

C

PROJECT TITLE & ADDRESS

THABAMOPO HOSPITAL REVITALISATION:
 PROPOSED HEALTH SUPPORT SERVICES
 BUILDING FOR LIMPOPO PROVINCIAL
 DEPARTMENT OF HEALTH

CLIENT

LIMPOPO DEPARTMENT OF PUBLIC WORKS

DRAWING TITLE


HYDROTHERAPY POOL PLAN

ISSUED FOR MUNICIPAL APPROVAL

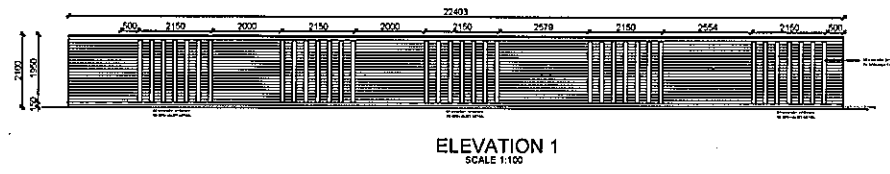
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Date	10-2019
Scale	AS SHOWN

DESIGNED	NSK
DRAWN	SM
CHECKED	NSK

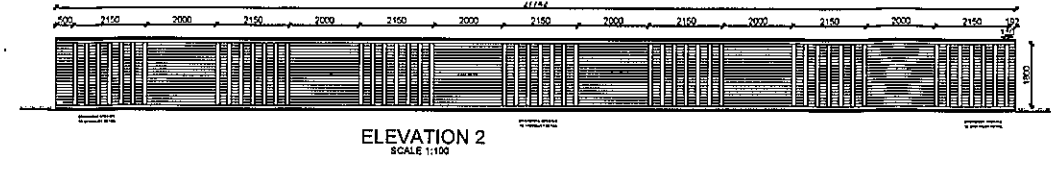
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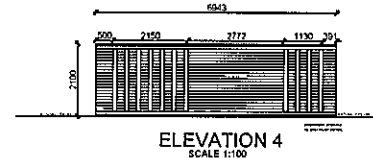
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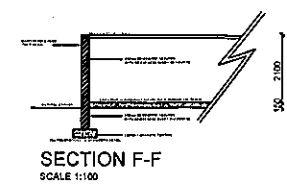
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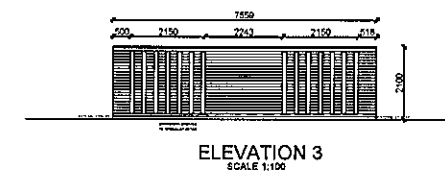
ELEVATION 2
SCALE 1:100



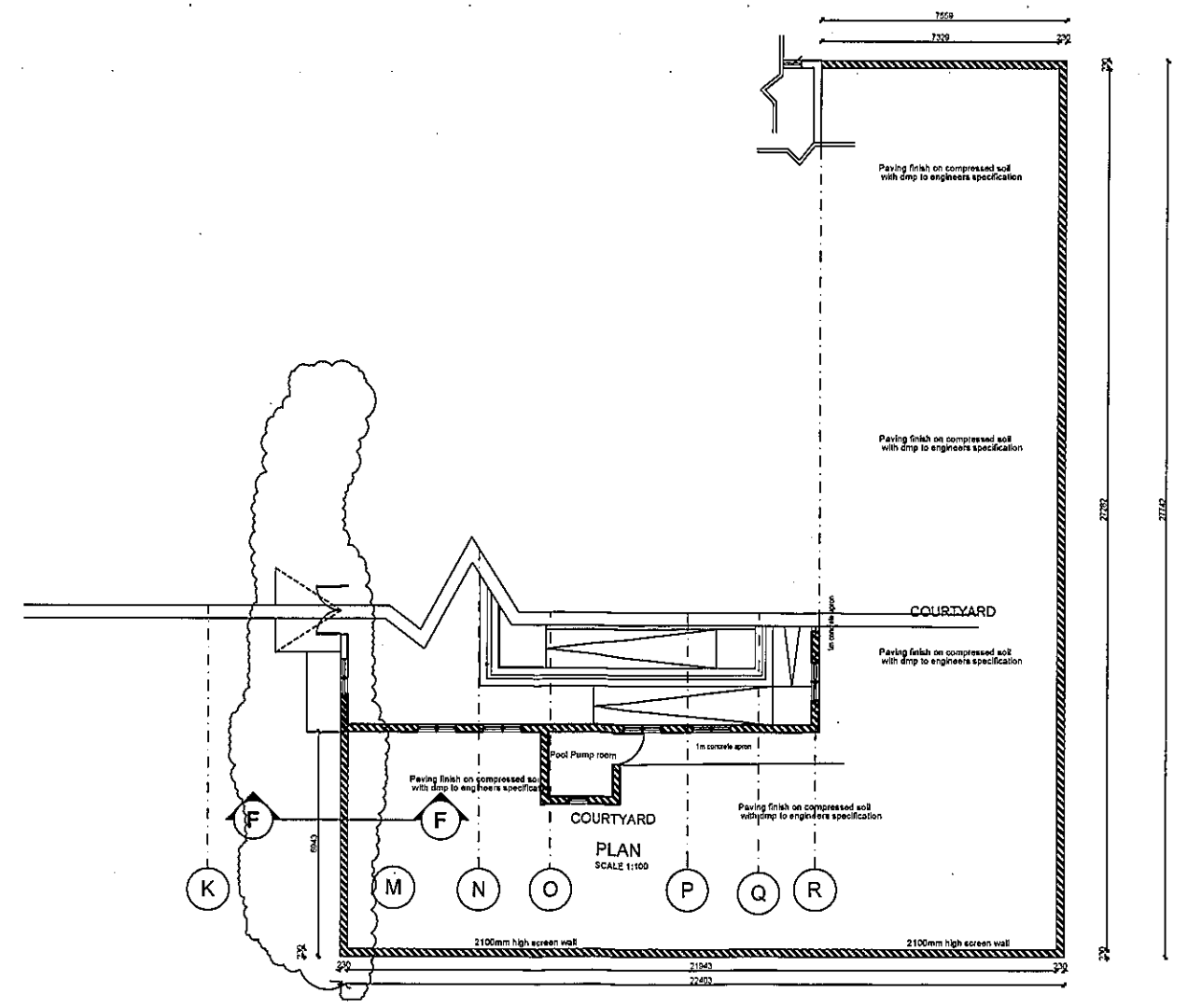
ELEVATION 4
SCALE 1:100



SECTION F-F
SCALE 1:100



ELEVATION 3
SCALE 1:100



PLAN
SCALE 1:100



General Notes:

THIS DRAWING IS NOT TO BE SCALED OFF
 ALL MEASUREMENTS ARE TO BE CHECKED AND VERIFIED ON SITE BEFORE CONSTRUCTION AND/OR FABRICATION OF RELEVANT ITEMS. ANY DISCREPANCIES ARE TO BE ESCALATED TO PROJECT ARCHITECT(S) FOR RESOLUTION
 ALL WORK CONSTRUCTED / FABRICATED / INSTALLED TO COMPLY WITH APPLICABLE BUILDING REGULATIONS AND/OR STANDARDS
 NO WORK IS TO COMMENCE ON SITE WITHOUT PRIOR APPLICABLE APPROVALS
 UNLESS OTHERWISE SPECIFIED, ALL STRUCTURAL DESIGN WORK TO STRUCTURAL ENGINEER(S) DESIGN AND/OR DETAIL
 FINISHED FLOOR LEVEL AT GROUND LEVEL TO AT LEAST BE 25MM FROM NATURAL GROUND LEVEL
 UNLESS SHOWN OTHERWISE, ALL BRICK WORK TO HAVE BRICKWORK EVERY 5 OR LESS COURSES
 COMPLIANCE WITH ENERGY EFFICIENCY REQUIREMENTS:
 1. Orientation as per SANS 204 (Parts 4.1 & 4.2)
 2. Shading as per SANS 204 (Part 4.3.5)
 3. External Walls as per SANS 10400XA (Part 4.4.3)
 4. Fenestration as per SANS 10400XA (Part 4.4.3) or SANS 204 (Part 4.3.4). All fenestration air infiltration to be in accordance with SANS 813.
 5. Roof Assembly as per SANS 10400XA (Part 4.4.2 with values in Table 7)
 6. Any underfloor heating as per SANS 10400XA (Part 4.4.2)
 7. Services (Lighting & Power) as per SANS 204 (Part 4.5.1)
 8. Services (Mech ventilation / Air-conditioning) as per SANS 204 (Part 4.6)
 9. Water Supply: Max of 50% of hot water energy is via electrical resistance heating elements. All water installations as per SANS 10252-1 & SANS 10254. All Hot Water pipes to be insulated with either 25mm Polystyrene foam or 40mm of mineral wool or fiberglass.

Rev.	Date	By	Brief Description
B	21.10.19	SM	Courtyard wall moved to match end of building's new position.
A	15.10.19	SM	Courtyard wall moved to match end of building's new position.

REV. NO.

A			
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PROJECT TITLE & ADDRESS
**THABAMOPO HOSPITAL REVITALISATION:
 PROPOSED HEALTH SUPPORT SERVICES
 BUILDING FOR LIMPOPO PROVINCIAL
 DEPARTMENT OF HEALTH**

CLIENT
LIMPOPO DEPARTMENT OF PUBLIC WORKS

DRAWING TITLE
**COURTYARD FLOOR PLAN
 ELEVATIONS & SECTION**
**ISSUED FOR MUNICIPAL
 APPROVAL**

Drawing No.	A1-501-WD-A
Date	10-2019
DESIGNED	MSK
DRAWN	SK
CHECKED	MSK

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